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VM3253
VM3253-2

Video Monitor



vtech
User's manual

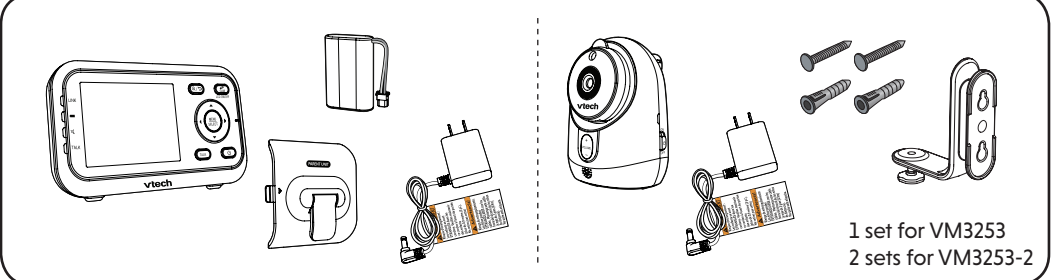
CONGRATULATIONS

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.

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WHAT'S IN THE BOX



1 set for VM3253
2 sets for VM3253-2

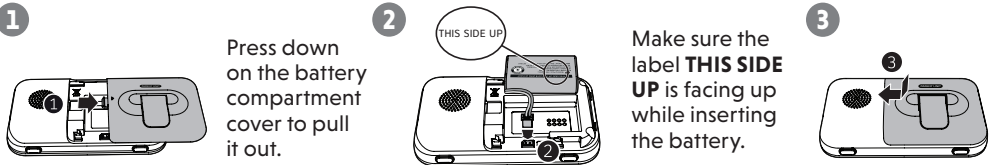
1 CONNECT AND CHARGE THE BATTERY

Install the battery

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

NOTES

- Use only the battery supplied with this product.
- If the parent unit will not be used for a long time, disconnect and remove the battery to prevent possible leakage



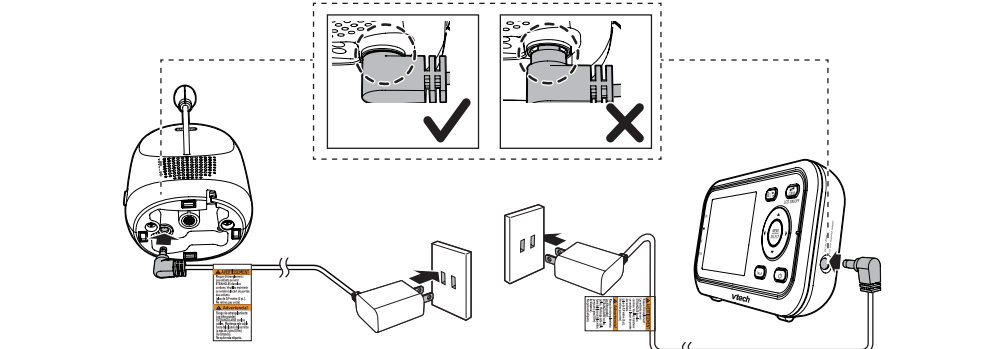
Replace the battery

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

Connect the baby monitor

NOTES

- Use only the power adapters supplied with this product.
- Make sure the baby monitor is not connected to the switch controlled electric outlet.
- Connect the power adapters in a vertical or floor mount position only. The adapters' prongs are not designed to hold the weight of baby monitor, so do not connect them to any ceiling, under-the-table, or cabinet outlets. Otherwise, the adapters may not properly connect to the outlets.
- Make sure the parent unit, the baby unit and the power adapter cords are out of reach of children.



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 11 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 is off and displays	No battery is installed but operates using AC power, or the battery has been installed incorrectly.	Install the parent unit battery. Charge without interruption (at least 30 minutes).
The screen displays Battery low at Parent Unit and . The light flashes.	The battery has very little charge and may be used for only a short time.	Charge without interruption (about 30 minutes).
The battery icon becomes solid	The battery is fully charged.	To keep the battery charged, connect it to AC power when not in use.

2 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 3 feet (1 meter) away from both baby units. 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 reduce 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.
- If you have two baby units, press on your parent unit. The screen switches to the other baby unit. Then, repeat step 2.

NOTE

- When the parent unit displays and the **LINK** LED light flashes, move the parent unit closer to the baby units (observe the minimum distance of 3 feet / 1 meter). 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

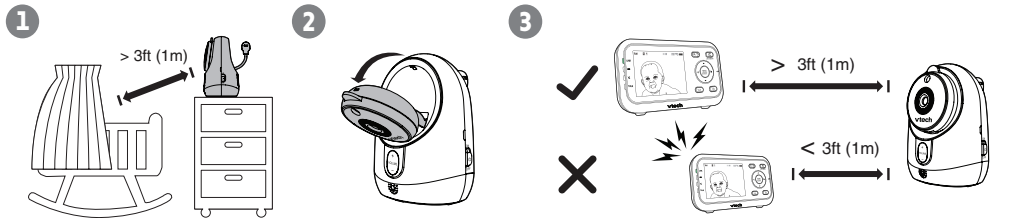
CAUTION

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

NOTE

- To avoid interference from other electronic devices, place your baby monitor at least 3 feet (1 meter) away from devices such as wireless routers, microwaves, cell phones and computers.

- Place the baby units more than 3 feet (1 meter) away from your baby.
- Adjust the angle of the baby unit camera to aim at your baby.
- Place the parent unit more than 3 feet (1 meter) away from the baby units to avoid screeching noise.



CAUTION

- The default volume of your parent unit is level 3, and the maximum volume is level 5. If you experience high-pitched screeching noise from your baby monitor while positioning:
 - Make sure your baby units and parent unit are more than 3 feet (1 meter) apart, OR
 - Lower the volume of your parent unit.

Operating range

The operating range of the baby monitor is up to 1000 feet (300 meters) outdoors or 160 feet (50 meters) indoors. The actual operating range may vary depending on the environmental conditions and other interferences such as walls, doors and other obstructions.

3 USING THE BABY MONITOR

Power on or off the baby unit

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

Power on or off the parent unit

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

Turn on or off the parent unit screen

You can turn on or off the parent unit screen without powering off the parent unit. You can still hear sound from the baby units.

- Press and hold** **LCD ON/OFF** on the parent unit to turn off the screen.
- Press any key on the parent unit to turn on the screen again.

Adjust speaker volume

To adjust parent unit speaker volume:

- Press **VOL-/VOL+** on the parent unit to adjust the speaker volume.

NOTE

- When the parent unit speaker volume is set to zero, the appears on the screen and the light turns on.

To adjust baby unit speaker volume:

The baby unit speaker volume determines the lullaby volume and talkback volume transmitted from parent unit.

- Press **+VOLUME/-** on the baby unit to adjust the speaker volume.

To adjust baby unit speaker volume using parent unit:

The baby unit speaker volume can also be adjusted in the parent unit.

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press to choose .
- Press or to choose the volume level of the baby unit.
- Press **SELECT** to confirm your selection.

Adjust LCD brightness

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

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press or to choose the desired level of brightness, then press **SELECT**.

3 USING THE BABY MONITOR (CON'T)

Lullaby

The baby monitor has two lullabies and two soothing sounds for you to comfort your baby. You can play the lullabies or soothing sounds on the baby unit using the parent unit.

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press to choose , then press .
- Press or to choose a lullaby or a soothing sound, or choose to stop playing.
- Press **SELECT** to confirm your selection.

NOTES

- The selected lullaby plays for 30 minutes and stops automatically.
- The lullaby playback on the baby unit will be paused when receiving talkback from the parent unit.

Screen off timer

You can set the screen off time for the parent unit when there is no key press for a specific time interval.

When the screen is turned off, you can still hear sound from the baby unit.

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press or to choose the desired time period to automatically turn off screen (/ / /), then press **SELECT** to confirm your selection.

Monitoring mode * for VM3253-2 only

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

Single CAM	The screen displays image of a single baby unit in full screen.
Patrol	A single cam view that transitions to a different baby unit every 10 seconds.

To switch to another camera:

- Press to view the next baby unit.



To enter Patrol mode:

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press or to switch or , then press **SELECT** to confirm your selection.

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 VOX sensitivity level is preset to the highest level.

VOX SENSITIVITY LEVEL	Highest	High	Medium	Low	Lowest
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 from your baby. It remains quiet when your 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.

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press or to choose the desired sensitivity level, then press **SELECT** to confirm your selection.

NOTE

- As long as the **Sound-activated Screen** setting is on, the screen will turn on automatically when VOX sensitivity is triggered, despite it was off earlier.

TIPS

- You can adjust the baby unit placement to improve the sound detection.
- If you want to use a sound machine or white noise machine for natural white noise while using this baby monitor to check on your baby, you can:
 - Lower the volume of your sound machine or white noise machine; or
 - Lower the sensitivity level of your baby monitor to medium or below. Default level is the highest level.

Turn on or off the sound activation

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

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

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press or to choose or , then press **SELECT** to confirm your selection.

NOTE

- If the sound sensitivity is set to the highest level, the parent unit screen may remain on continuously even though sound activation is on. This depends on whether the baby unit detects any sounds.

Zoom

You can zoom in while viewing images from the baby unit.

- Press to zoom in.
- Press and hold** or to move the zoomed image upward or downward.
- Press and hold** or to move the zoomed image leftward or rightward.
- Press again to zoom out.

Talk

You can use the **TALK** function of the parent unit to comfort your baby.

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

NOTES

- The parent unit speaker is muted during voice broadcast. Sound transmission from the baby unit resumes after **TALK** is released.
- After around 20 seconds of sound re-transmission, the speaker returns to mute if you had set it to mute before pressing **TALK**.

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.

Set temperature range

You can set the desired room temperature alert range. The minimum temperature can be set between **50 °F (10 °C)** and **76 °F (24 °C)**. The maximum temperature can be set between **77 °F (25 °C)** and **102 °F (39 °C)**.

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

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press or to choose or , then press **SELECT**.
- Press or to choose or , then press **SELECT** to confirm your selection.

Temperature format

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

- Press **MENU** when the parent unit is idle.
- Press or to choose , then press **SELECT** or .
- Press or to choose or , then press **SELECT**.
- Press or to choose or , then press **SELECT** to confirm your selection.

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Specifications are subject to change without notice.



TECHNICAL SPECIFICATIONS

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 2405 - 2475 MHz Parent unit: 2405 - 2475 MHz
Channels	32
LCD	2.8" Color LCD (QVGA 320x240 pixels)
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Parent unit: 3.6V Ni-MH battery Baby unit power adapter: Output: 6V DC @ 500mA Parent unit power adapter: Output: 6V DC @ 500mA

The diagram illustrates the components of the Vtech Baby Monitor from three perspectives:

- Front View:** Shows the camera lens (1), the Vtech logo (2), the display screen (3), the power button (4), and the base (5).
- Side View:** Shows the side button (6), the side button (7), the side button (8), and the side button (9).
- Back View:** Shows the back button (10), the back button (11), the back button (12), and the back button (13).

- LINK**

 - On when the parent unit is linked to the baby unit.
 - Flashes when the link to the baby unit being viewed is lost.



 - On when the parent unit is connected to AC power, or the battery is charging.
 - Flashes when the parent unit battery is low and needs charging.
 - Off when the parent unit is disconnected from AC power.



 - On when the parent unit is talking to the baby unit.
 - On when the speaker volume of the parent unit is turned off.

TALK

 - On when the parent unit is talking to the baby unit.

The diagram illustrates the front and back views of the VITECH V2000 handheld radio. The front view (left) shows the display screen (1), speaker grille (2), and control buttons including the power button (3), channel select buttons (4, 5), and a central rotary knob (6). The back view (right) shows the antenna (10), antenna lock (11), speaker grille (12), and the PTT (Push-to-Talk) button (13). The VITECH logo is visible on the back (14), and the bottom of the device features a charging port (15).