# VM3258
## 2.8" Video Monitor with Night Light

# vtech®
## Quick start guide

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Frequency control | Crystal controlled PLL synthesizer |
| Transmit frequency | Baby unit: 2405 - 2475 MHz<br>Parent unit: 2405 - 2475 MHz<br>Maximum power used by the transmitter: 0.1W (100mW) |
| Channels | 32 |
| LCD | 2.8" Color LCD<br>(QVGA 320x240 pixel) |
| Nominal effective range | Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use. |
| Power requirements | Parent unit: 3.6V, 2600mAh Li-ion, 9.36Wh<br>Baby timer power adapter: Output: 5V DC @ 600mA<br>Parent unit power adapter: Output: 5V DC @ 1A |

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## IMPORTANT SAFETY INSTRUCTIONS

The applied nameplate is located at the bottom of the baby unit's base.

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

1. Follow all warnings and instructions marked on the product.
2. Adult setup is required.
3. **CAUTION:** Do not install the baby unit at a height above 2 meters.
4. This product is not a substitute for adult supervision of the infant. Supervising the infant is the parent's or caregiver's responsibility. This product could cease operating, and therefore you should not assume it will continue working properly for any given period of time. Further, this is not a medical device and should not be used as such. This product is intended to assist you in supervising your baby.
5. 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.
6. **CAUTION:** Use only the battery provided. There may be a risk of explosion if a wrong type of battery is used for the parent unit. The battery cannot be subjected to high or low extreme temperature and low air pressure at high altitude during use, storage or transportation. Disposal of battery into fire or a hot oven, or mechanically crushing or cutting or the battery can result in an explosion. Leaving the battery in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid of gas. Battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas. Dispose of used battery according to the instructions.
7. Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product.
8. Use only the adaptors and battery listed below.

⚠️ 🔌 Power adapter information:
Parent unit: Output: 5V DC 1A
VTech Telecommunications Ltd.
Model: VT05EUK05100
Baby unit output: 5V DC 600mA.
VTech Telecommunications Ltd.
Model: VT05EUK05060

⚠️ 🔋 Rechargeable battery information:
Zhuhai Great Power Energy Co., Ltd.
Li-ion battery, 3.6V, 2600mAh, 9.36Wh;
Model: ICR18650-2.6Ah-3.6V-151P

9. 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.
10. For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
11. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
12. Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.
13. Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
14. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
15. Do not overload wall outlets or use an extension cord.
16. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
17. 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.
18. 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.
19. 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.
20. You should test the sound reception every time you turn on the unit or move one of the components.
21. Periodically examine all components for damage.
22. There is a very low risk of privacy loss when using certain electronic devices, such as baby monitors, cordless telephones, etc. To protect your privacy, make sure the product has never been used before purchase, reset the baby monitor periodically by powering off and then powering on the unit, and power off the baby monitor if you will not use it for some time.
23. Children should be supervised to ensure that they do not play with the product.
24. The product is not intended for use by persons (including children) with reduced physical, 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.
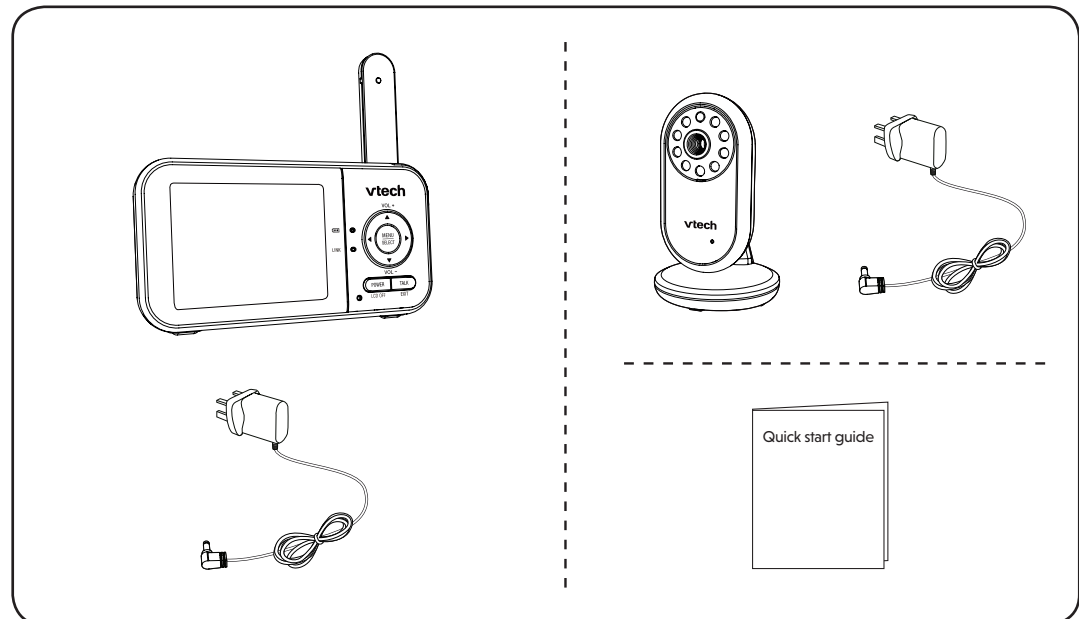
**SAVE THESE INSTRUCTIONS**

**Cautions**
1. Use and store the product at a temperature between 0°C and 40°C.
2. Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
3. Batteries should not be exposed to excessive heat such as bright sunshine or fire.

4. ⚠️ Warning—Strangulation Hazard— Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3 ft (0.9m) away). Do not remove this tag.
5. Never place the baby unit(s) inside the baby's cot or playpen. Never cover the baby unit(s) or parent unit with anything such as a towel or a blanket.
6. 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.
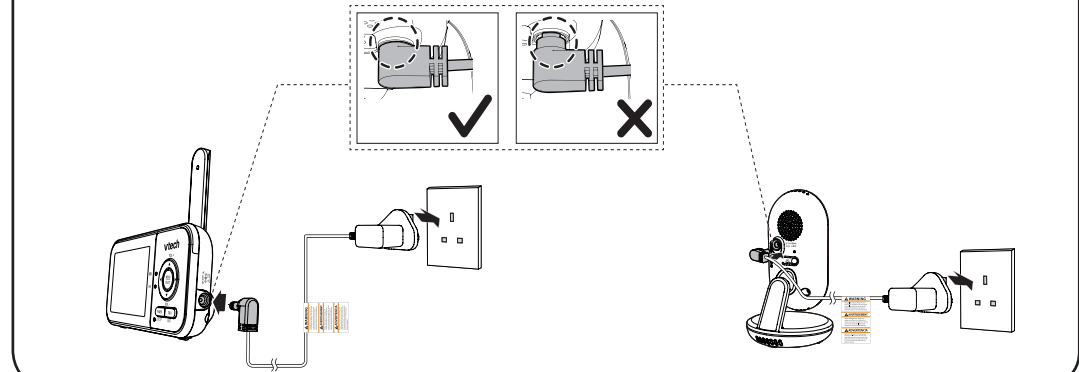
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## 📦 WHAT'S IN THE BOX



Quick start guide

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## 1 CONNECT THE BABY MONITOR

📝 **NOTES**
- The rechargeable battery in the parent unit is built-in.
- Use only the power adapters supplied with this product.
- Make sure the baby monitor is not connected to a 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 a 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.



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## 1 CONNECT THE BABY MONITOR (CONT'D)

**Charge the parent unit battery**
When you have connected and turned on the parent unit, the battery will be charged automatically.
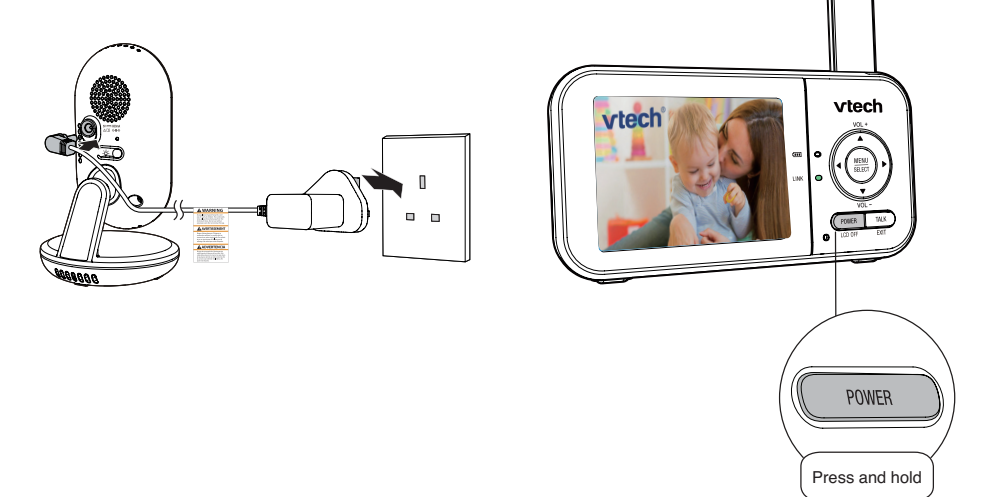
📝 **NOTES**
- Before using the baby monitor for the first time, charge the parent unit battery for 12 hours. When the parent unit battery is fully charged, the battery icon becomes solid 🔋.
- It takes longer to charge the battery when the parent unit is turned on. To shorten the charging time, turn the parent unit off while charging.
- The standby time varies depending on the sensitivity level you set, your actual use and the age of the battery.

The battery icon indicates the battery status (see the following table).

| BATTERY INDICATORS | BATTERY STATUS | ACTION |
|---|---|---|
| The screen displays 🔋. 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. |

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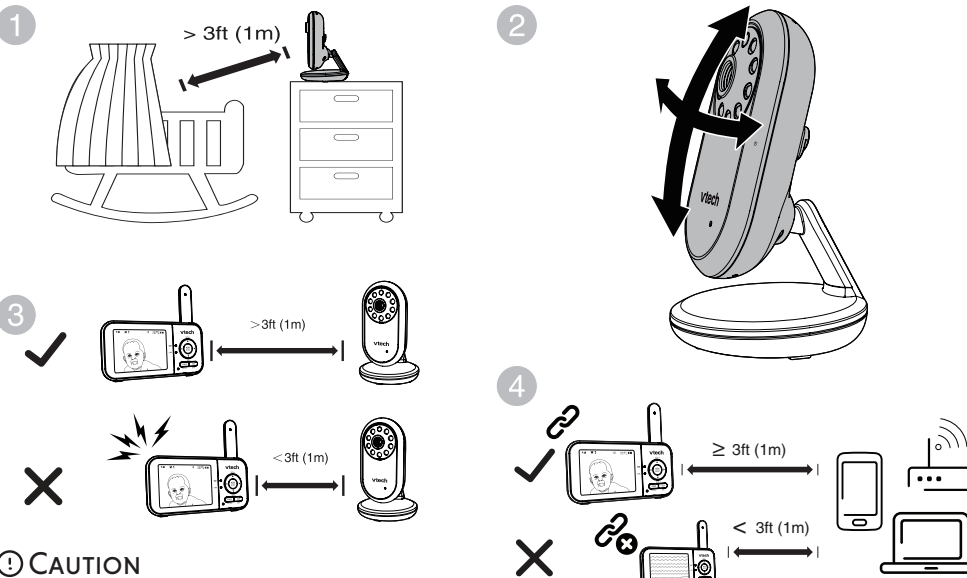
## 2 POWER ON OR OFF THE BABY MONITOR

1. Connect the baby unit to a power supply to turn it on. Disconnect the baby unit to turn it off.

2. Press and hold **POWER** to power on or off your parent unit.



POWER
Press and hold

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## 3 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.



⚠️ **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 unit and parent unit are more than 1 meter (3 feet) apart, OR
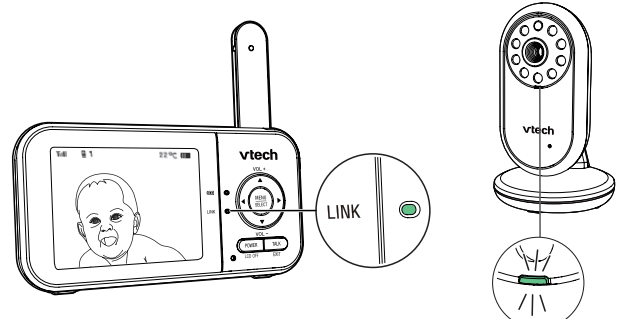  - Turn down the volume of your parent unit.

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

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## 4 STATUS CHECK

Once you power on both your baby unit and parent unit, your parent unit displays image from the baby unit, and the **LINK** LED light turns on.

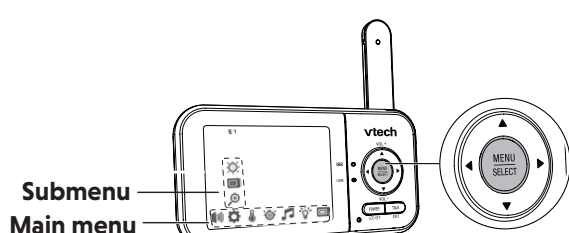The baby unit's **POWER** LED light turns on.



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## 🖐 BASIC OPERATION - PARENT UNIT

### Use the menu
Press **MENU** to enter the menu, or save a setting. You can use the parent unit for advanced settings or operations, such as to play or stop the baby unit's lullaby, or to adjust the baby unit's sound sensitivity.
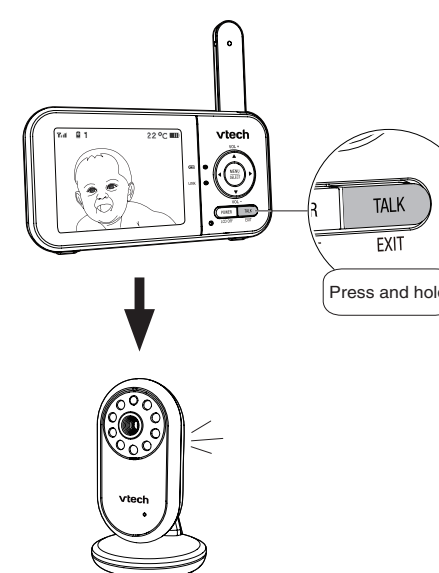
**While in the menu:**
- Press ◄ or ► to scroll among the menu options.
- Press ▲ or ▼ to select an item.
- Press **SELECT** to confirm your selection.
- Press **TALK/EXIT** to exit the menu and return to live view.
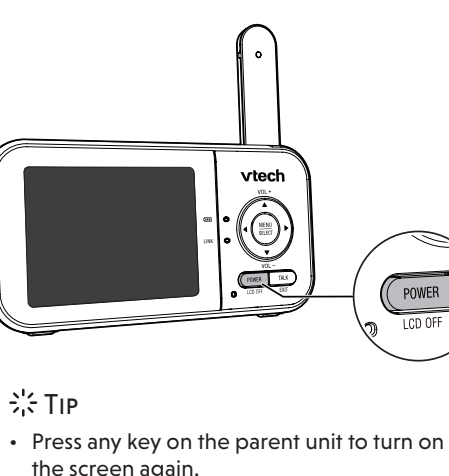


Submenu
Main menu

### Talk to your baby unit
Press and hold **TALK** and speak to your parent unit. Your voice is transmitted to the baby unit. Release **TALK** when done talking and hear your baby again.



TALK
EXIT
Press and hold

### Turn off the screen
Press **POWER/LCD OFF** to switch off the screen. You can still hear sound from the selected baby unit.

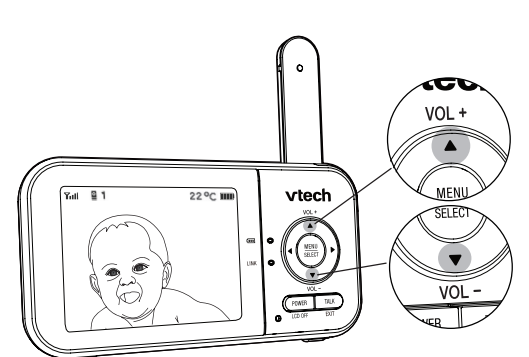

POWER
LCD OFF
Press and hold

🔅 **TIP**
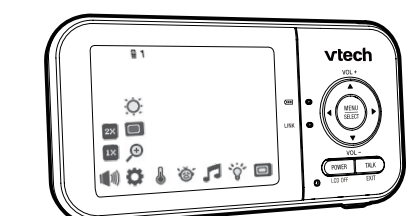- Press any key on the parent unit to turn on the screen again.

### Adjust parent unit speaker volume
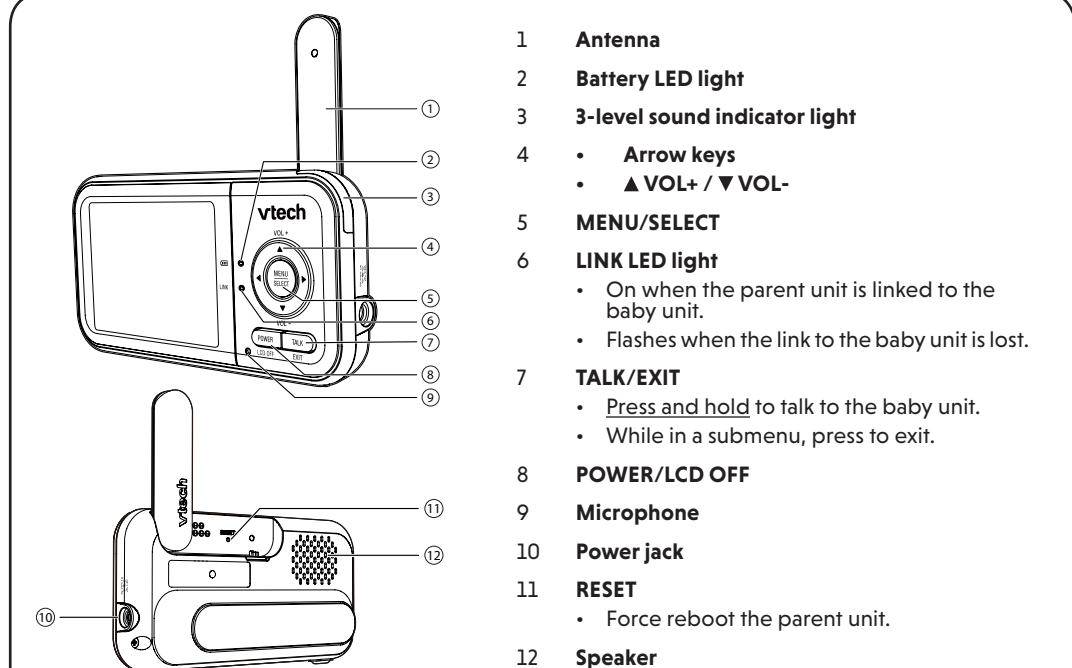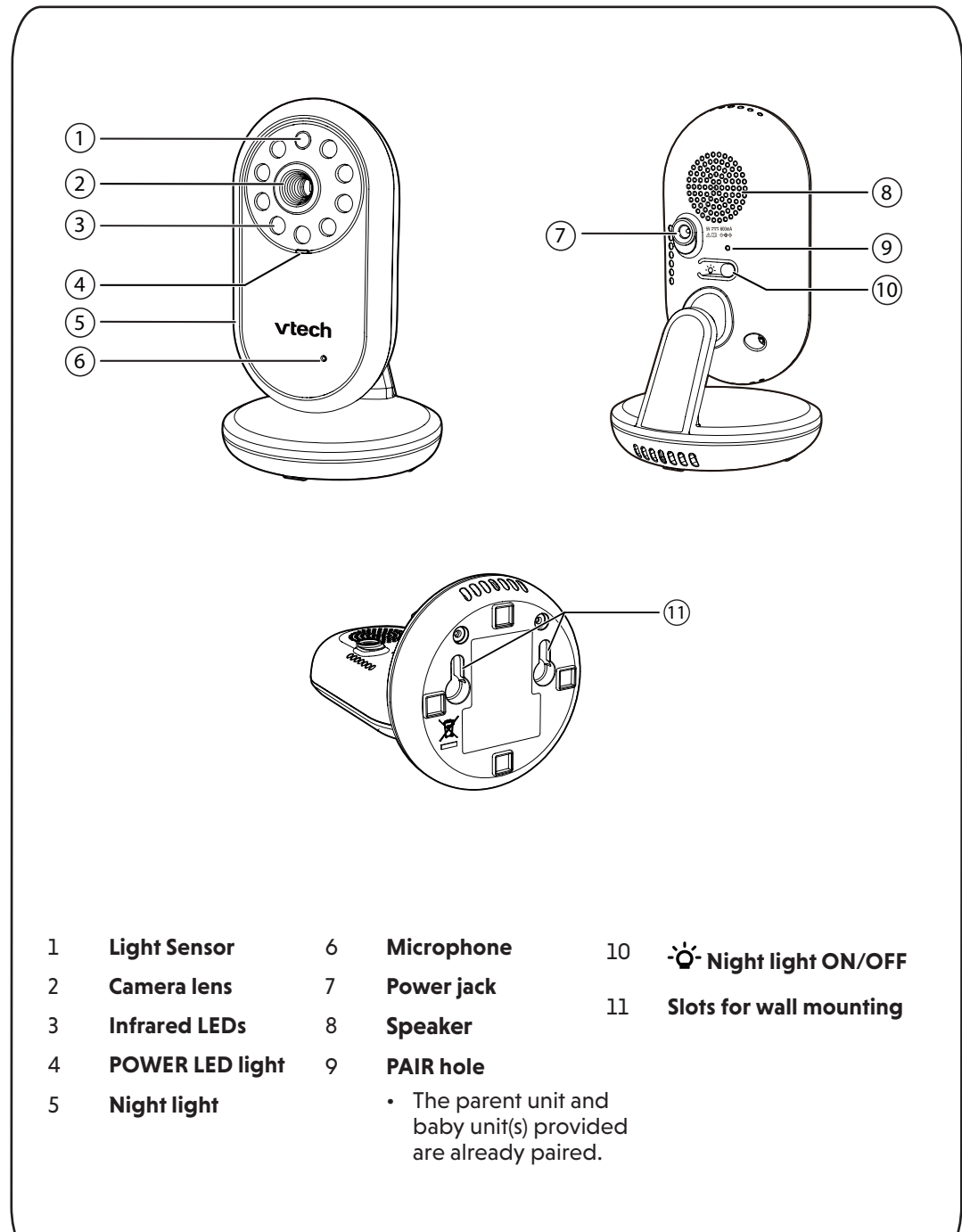- Press ▲ **VOL+** / ▼ **VOL-** to adjust your parent unit speaker volume.



### Zoom
1. Press **MENU** when in idle mode.
2. Choose 🔍.
3. Press ▲ or ▼ to choose 2X (Zoom in) or 1X (Zoom out), then press **SELECT** to confirm your selection.



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## 📷 OVERVIEW - BABY UNIT



| | | | |
|---|---|---|---|
| 1 | Light Sensor | 6 | Microphone |
| 2 | Camera lens | 7 | Power jack |
| 3 | Infrared LEDs | 8 | Speaker |
| 4 | POWER LED light | 9 | PAIR hole |
| 5 | Night light | | • The parent unit and baby unit(s) provided are already paired. |
| | | 10 | 🔅 Night light ON/OFF |
| | | 11 | Slots for wall mounting |

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## 📟 OVERVIEW - PARENT UNIT



1. **Antenna**
2. **Battery LED light**
3. **3-level sound indicator light**
4. **Arrow keys**
   - ▲ **VOL+** / ▼ **VOL-**
5. **MENU/SELECT**
6. **LINK LED light**
   - On when the parent unit is linked to the baby unit.
   - Flashes when the link to the baby unit is lost.
7. **TALK/EXIT**
   - Press and hold to talk to the baby unit.
   - While in a submenu, press to exit.
8. **POWER/LCD OFF**
9. **Microphone**
10. **Power jack**
11. **RESET**
    - Force reboot the parent unit.
12. **Speaker**

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## 📟 PARENT UNIT ICONS

### Status icons

**📶 Connection status**
- 📶 or 📶 displays when strong signal strength is detected between the baby unit and the parent unit.
- 📶 or 📶 displays when moderate or low signal strength is detected between the baby unit and the parent unit.

**🔍 Zoom**
- Displays when the current image on the parent unit has zoomed in.

**🌙 Night vision**
- Displays when the baby unit being viewed has activated the night vision feature.

**🎤 Talkback**
- Displays when talking back to the baby unit from parent unit.

**🎵 Lullaby**
- Displays when a lullaby is playing.

**💡 Night light**
- Displays when the baby unit's night light is turned on.

**🔇 Mute alert**
- Displays when the parent unit speaker volume is set to zero.
- Displays when the parent unit is talking to the baby unit.

**°F or °C Real-time temperature**
- Displays the real-time temperature detected by the baby unit in Fahrenheit (°F) or Celsius (°C) (e.g. **57°F** or **14°C**).

**🔋 Battery status**
- 🔋 animates when the battery is charging.
- 🔋 displays solid when the battery is fully charged.
- 🔋 displays when the battery is low and needs charging.

### Main menu icons

| Main menu | Sub-menu | |
|---|---|---|
| **Zoom** 🔍 | 1X 2X | • Zoom in and out of the video displayed from the baby unit. |
| **Settings** ⚙️ | OFF / 3 min / 30 min / 60 min | **Screen off timer**<br>• The parent unit display will dim to conserve energy after your chosen amount of time of inactivity. |
| | ☀️ | **Brightness**<br>• Adjust the parent unit's LCD screen brightness level. |
| **Temperature** 🌡 | OFF / ON | • Turn on/off temperature alert tone.<br>• Set the parent unit to beep whenever the room temperature detected by the baby unit falls outside of the set temperature range. |
| | MIN MAX | • Set the minimum/maximum temperature. |
| | °F / °C | • Set temperature display in Fahrenheit (°F) or Celsius (°C). |

| Main menu | Sub-menu | |
|---|---|---|
| **Sound Detection** 🔊 VOX | **VOX (Voice Activated Alert) Sensitivity**<br>• You can choose to hear sounds from the baby unit all the time, or to only hear sounds that exceed a certain level. Adjust the microphone sensitivity of your baby unit, the higher the sensitivity level, the more sensitive the baby unit is in detecting sounds to be transmitted to the parent unit. See **Sound sensitivity and sound activation** section. | |
| 🔊 | OFF / ON | **Sound-activated screen**<br>• When it is on, and the baby unit detects no sound, the parent unit screen stays off to save power. Once a sound is detected, the parent unit screen and speaker turns on automatically, and you can see and hear your baby. The parent unit will then turn off again after 50 seconds of no sound detection. |

📝 **NOTE**
- When the parent unit screen is off and it receives alerts, for example, link lost between parent unit and baby unit, or battery is low, the parent unit screen and speaker will turn on.

## Main menu icons

| Main menu | Sub-menu |
|---|---|
| **Lullaby** | |

**♫ 🔊 Lullaby volume**
- Adjust the baby unit's speaker volume when playing the lullaby.

**stop 1 2 3 4**
- Select one of the four melodies to play, or stop a lullaby.

**Night Light**
- Turn on/off the night light.

**OFF ON**

### Parent Unit Indication Lights

**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.

## Warning icons and messages

**Battery low at Parent Unit** — The battery is empty and needs to be recharged.

⏳ — Operation is in progress.

**Temperature too high** — The temperature detected by the baby unit is higher than the desired temperature alert range.

**Temperature too low** — The temperature detected by the baby unit is lower than the desired temperature alert range.

**No Link to Camera** — The parent unit is searching for baby unit or the link between the baby unit and the parent unit is lost.

**🔌** — The parent unit is connected to AC power.

### 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 that transmit 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. |

### Sound activated screen

When sound activation is on, the parent unit screen stays off to save power when the baby unit detects no sound. Once the baby unit detects sounds that are louder than the chosen sound sensitivity level, the parent unit screen turns on automatically. It will then turn off again after 50 seconds of no sound detection.

The dim mode helps you save parent unit power. Your parent unit display will dim automatically after 10 minutes of inactivity, in which there is neither key pressed nor alert received from the baby unit.

🕐 10 min inactivity

Press any button

📝 **Note**
- When the screen is dimmed, any keypress or alert message will trigger the screen to return to the preset brightness level. After 10 minutes of inactivity, it will resume to dim mode.

### 🌙 Night vision

The baby unit has infrared LEDs that allow you to see your baby clearly at night or in a dark room. When the baby unit being viewed detects low light levels, the infrared LEDs are switched on automatically. The images from the baby unit are in black and white, and appears on the screen.

📝 **Notes**
- It is normal to see a short white glare on your parent unit screen as the baby unit is adapting to the dark environment.
- When the infrared LEDs are on, the images are in black and white. This is normal.

☀ **Tip**
- Depending on the surroundings and other interfering factors, like lighting, objects, colours and backgrounds, the display resolution may vary. Adjust the baby unit's angle or place the baby unit at a higher elevation to prevent glare and a blurry display.

### Not Included

You will need to purchase the following items separately to mount your baby unit:

🔩 2 screws     🔩 2 anchors

📝 **Note**
- The types of screws and anchors you need depend on the composition of the wall.

① Drill two holes in the wall ( 7/32 inch drill bit ). If you drill the holes into a stud, go to step 3.

**-OR-**

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.

② 

③ Insert the screws into the holes and tighten the screws until only 1/4 inch of the screws are exposed.

④ Align the wall mount holes on the baby unit with the screws on the wall. Slide the baby unit down until it locks into place.

⑤ Adjust the camera angle.

Below are the questions most frequently asked about the baby monitor.

| Why is the baby monitor not responding normally? | Try the following (in the order listed) for common cure: 1. Disconnect the power to the baby unit and the parent unit. 2. Wait a few seconds before connecting power back to the baby unit and the parent unit. 3. Turn on the baby unit and the parent unit. 4. Wait for the parent unit to synchronize with the baby unit. Allow up to one minute for this to take place. |
|---|---|
| Why doesn't the power-on light of the baby unit and parent unit go on when I switch on the unit? | 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, press and hold **POWER** to switch on the parent unit and to establish connection with the baby unit. |
| | 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. The baby unit will switch on and establish a connection with the parent unit. |
| Why doesn't my parent unit charge while connected to AC power? | Make sure the power is not controlled by a wall switch. |
| | You may have used the battery for a long time. See **Warranty** for repair/replacement. |
| 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 a blurry display on my screen when viewing at night? | During night-time or in a dark room, the surroundings and other interfering factors, like lighting, 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 elevation to prevent glare and a blurry display. |
| Why does the baby monitor produce a high-pitched noise? | The parent unit and baby unit may be too close to each other. • Move the parent unit away from the baby unit until the noise stops; OR • Turn down the volume of your parent unit. |
| Why does the parent unit beep? | The baby unit may be out of range. Move the parent unit closer to the baby unit (but not less than 3 feet). |
| | The parent unit may not have enough power for the parent unit to perform normally. Charge the battery in the parent unit until the battery icon becomes solid. |
| | The temperature of your baby's room may be too high or too low. |
| Why does the parent unit react too quickly to other sounds? | The baby unit also picks up other sounds than those of your baby. Adjust the VOX sensitivity level to a lower level or decrease the parent unit speaker volume. |
| Why can't I hear sounds/ my baby cry? | The parent unit speaker volume may be too low. See **Adjust parent unit speaker volume** to increase the volume. |
| | You may have set a low VOX sensitivity level. See **Adjust the sound sensitivity of the baby unit** to set to a higher level. |
| Why can't I establish a connection? Why is the connection lost every now and then? Why are there sound interruptions? | The baby unit may be out of range. Move the parent unit closer to the baby unit (but not less than 3 feet). |
| | Other electronic products and wireless products may cause interference with your baby monitor. Try installing your baby monitor as far away from these devices as possible. |
| | If you power on only one baby unit, your parent unit may display 📵, and the **LINK** LED light will flash. |

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## Customer service and product warranty

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

**Customer Service**
Please call our Consumer Services Department on 03306 780149 (from UK) or +44 3306 780149 (outside UK) and a service representative will be happy to help you.

## Disposal of batteries and product

The crossed-out wheelie 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 (Pn) 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.

## Declaration of Conformity

This product is intended for use within Europe and UK.
This equipment complies with the essential requirements to EU's Radio Equipment Directive (2014/53/EU) and the UK's Radio Regulations 2017 on radio systems and telecommunication equipment.
VTech Telecommunications Ltd. hereby declares that this Video Baby Monitor VM3258 is in compliance with the essential requirements and other relevant provisions of EU's Radio Equipment Directive (2014/53/EU) and UK's Radio Equipment Regulations 2017.
The Declaration of Conformity for the VM3258 is available from http://www.vtech.com/rtte-directive.

CE   UKCA

## 👆 General product care

To keep this product working well and looking good, follow these guidelines:
- Avoid placing 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 damp cloth.
- DO NOT immerse the parent unit and the baby unit in water and do not clean them under running water.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the baby unit and parent unit are dry before you connect them to the mains again.

## 💼 Storage

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

## Adult supervision

- This baby monitor should be for use by adults only.
- Do not place the baby unit inside the cot or playpen.
- To ensure your children's safety, do not allow them to touch or play with the baby monitor and its accessories. THIS IS NOT A TOY.