

## vtech TM8112-2 Digital Audio Monitor User Manual

Home » vtech » vtech TM8112-2 Digital Audio Monitor User 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.

#### **Contents**

- 1 Important safety instructions
- 2 What's in the box
- 3 Install parent unit battery
- 4 Connect and charge the units
  - 4.1 Connect the baby monitor
  - 4.2 Charge the parent unit
- 5 Power on the baby monitor
- 6 Status check
- 7 Positioning the baby monitor
- 8 Overview Baby unit
- 9 Basic operation
  - 9.1 Parent unit alert tones
- 10 General product care
- 11 Limited warranty
- 12 Disclaimer and Limitation of Liability
- 13 FCC and IC regulations
- 14 The RBRC seal
- 15 Technical specifications
- 16 Documents / Resources
- 17 Related Posts

## 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 information in The RBRC seal.
- 7. Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage

the product.

⚠ Ш Power adapter information:

Output: 6V DC 400mA

VTech Telecommunications Ltd.

Model: VT05UUS06040

⚠ ☐ Rechargeable battery information:

2.4V 400mAh Ni-MH

Yiyang Corun Battery Co. Ltd

Model: NI-MHAAA400×2-FF

GPI International Ltd.
Model: VTRHC043C040

- 8. 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.
- 9. 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.
- 11. Unplug the power cords before replacing battery.
- 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
- 18. 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.
- 19. 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.
- 20. 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.
- 21. You should test the sound reception every time you turn on the units or move one of the components.
- 22. Periodically examine all components for damage.
- 23. 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 units, and power off the baby monitor if you will not use it for some time.
- 24. Children should be supervised to ensure that they do not play with the product.
- 25. 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 320 F and 1040 F.
- 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 crib 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.

Precautions for users of implanted cardiac pacemakers Cardiac pacemakers (applies only to digital cordless devices): Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless devices and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

#### Pacemaker patients

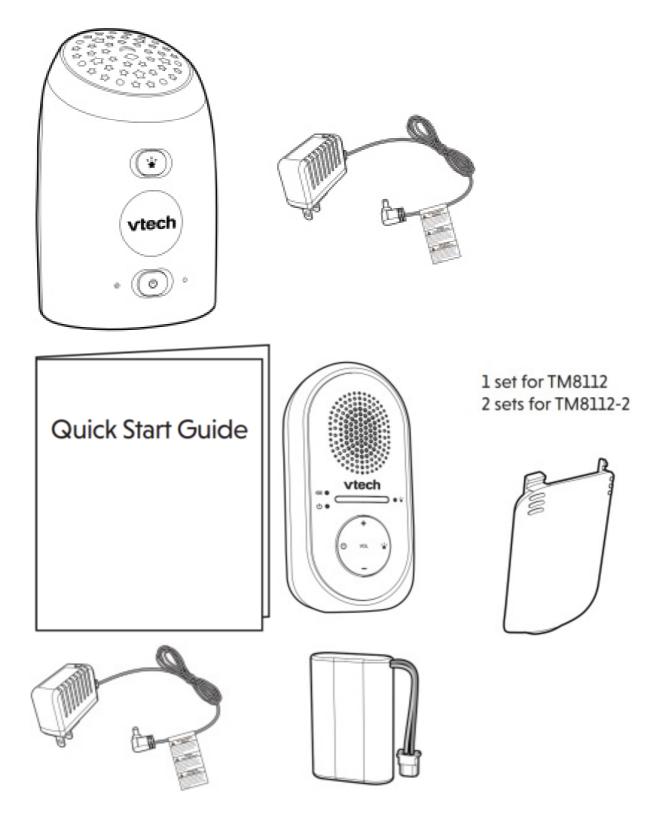
- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

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

## **Electromagnetic fields (EMF)**

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

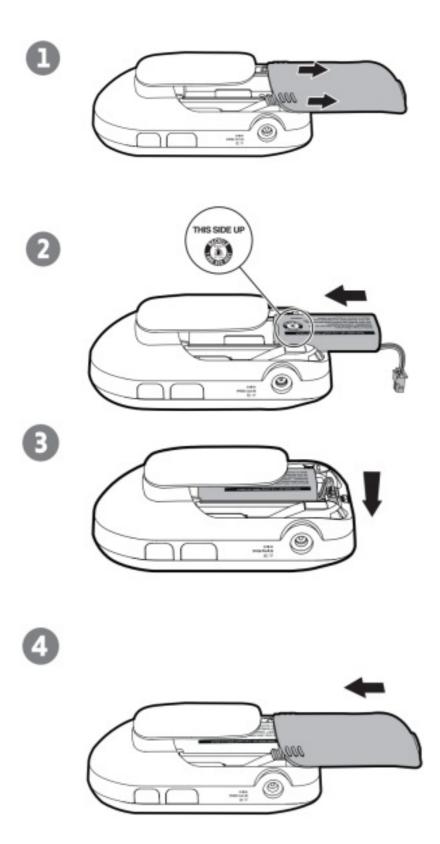
#### What's in the box



## Install parent unit battery

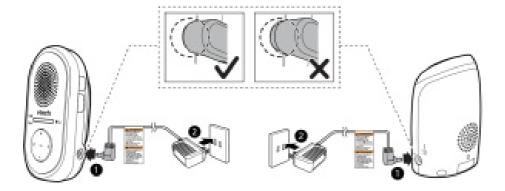
## **NOTES**

- 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.



## Connect and charge the units

Connect the baby monitor



#### **Notes**

- 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 baby monitor, so do not connect them to any ceiling, underthe-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

When you have installed the parent unit battery and connected it to power for the first time or after a power outage, the parent unit powers on automatically

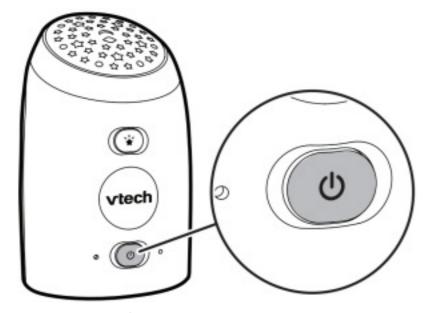
## **Notes**

- The parent unit battery is fully charged after 16 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, your actual use and the age of battery.

## Power on the baby monitor

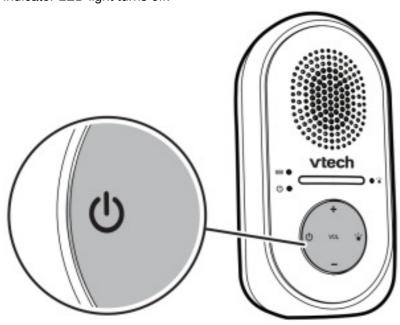
1. Press 0 to power on the baby unit.

The power indicator LED light turns on. Press and hold U again to power off the baby unit. The power indicator LED light turns off.



2. Press and hold  ${\color{red} {\bf U}}$  to power on the parent unit.

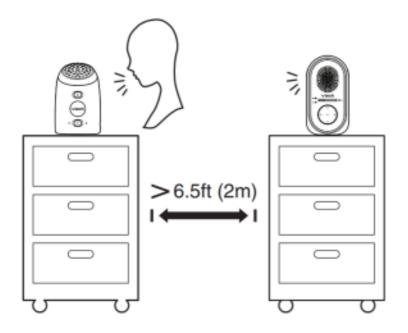
The power indicator LED light turns on. Press and hold U again to power off the parent unit. The power indicator LED light turns off.



## Status check

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

- 1. Make sure your baby unit and parent unit are on.
- 2. Speak towards the microphone of the baby unit. You will hear the sound at the parent unit, and see the visual sound indicators light up.



# (!) Caution

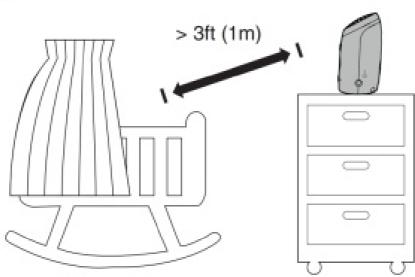
• Pror hearing protection, make sure the parent unit is more than 6.5 ft (2 m) away from the baby unit. If you hear feedback, move the units further apart until the noise stops. You can also press on the parent unit to lower or mute the noise.

## Positioning the baby monitor

## Caution

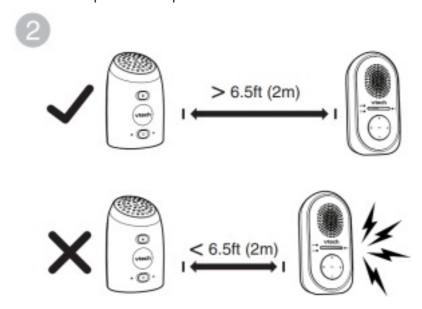
• Keep the baby unit out of the reach of your baby. Never place or mount the baby unit inside the baby's cot or playpen.



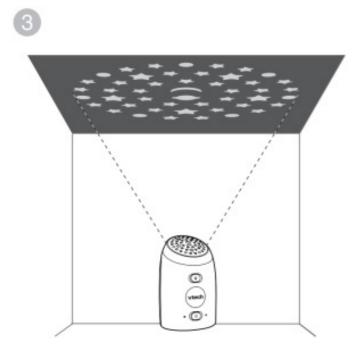


## Caution

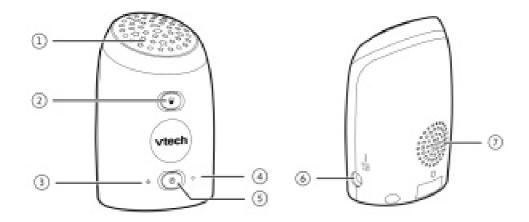
- For hearing protection, make sure the parent unit is more than 6.5 ft (2 m) away from the baby unit. If you experience feedback:
  - Move the parent unit further until the noise stops.
  - You can also press on the parent unit to lower or mute the noise.



Place your baby unit at a location suitable for glow-on-the-ceiling night light to project images onto the ceiling.



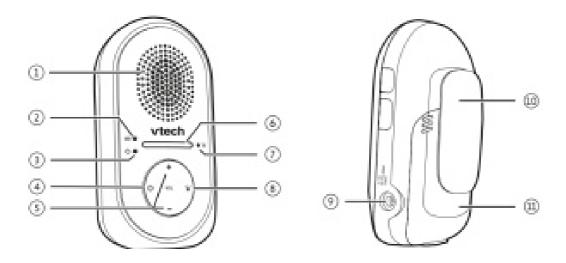
Overview - Baby unit



- 1. Glow-on-the-ceiling night light projector
- 2. Glow-on-the-Ceiling Night Light On/Off
  - Press to turn Glow-on-the-Ceiling Night Light on or off.
- 3. Microphone
- 4. Power LED light
  - Light on when the baby unit is on.
  - Light off when the baby unit is off.

## 5. U Power On/Off

- Press and hold to power on.
- Press and hold again to power off.
- 6. Power jack
- 7. Speaker



## 1. Speaker

## 2. Battery LED light

- · Light on when battery is charging.
- · Light flashes when battery is low and needs charging.
- Light off when the parent unit is running on AC power without battery installed, or the parent unit is running on battery only.

## 3. U Power LED light

1. Light on when parent unit is powered on.

- 2. Light off when the parent unit is powered off.
- 3. Light flashes when there is no link between baby unit and parent unit.

## 4. U Power On/Off

- Press and hold to power on.
- · Press and hold again to power off.

## 5. **VOL** — / + **VOL**

Adjust parent unit speaker volume.

#### 6. Visual Sound Indicator



The visual sound indicator shows the sound level detected by the baby unit, and the volume level when setting unit volume.

- Green lights indicate a moderate sound level detected by the baby unit.
- Additional red lights indicate a higher sound level detected by the baby unit (e.g. baby crying loudly).

# 7. Night Light LED light

- · Light on when the projector is on.
- Light off when the projector is off.
- 8. Glow-on-the-Ceiling Night Light On/Off
  - Press to turn Glow-on-the-Ceiling Night Light on or off.
- 9. Power jack
- 10. Belt clip
- 11. Battery compartment cover

## **Basic operation**

## Adjust speaker volume

The parent unit speaker volume is preset to Level 3 by default, you can adjust it to your preferred volume level.

- Press **VOL** to decrease the volume, and **VOL** + to increase the volume.

  To mute the speaker volume:
- Press VOL repeatedly until the volume reaches the minimum

#### **Note TES**

• If you continue to press **VOL** — or **VOL** + when the volume reaches the minimum or maximum setting, the parent unit will beep twice.

Turn on and off glow-on-the-ceiling night light

### **Directly** on the baby unit:

• Press to turn the night light on, and press again to turn it off.

## Remotely on the parent unit:

• Press to turn the night light on, the Night Light LED light will light up.

• Press again to turn the night light off, the Night Light LED light will switch off.

#### Parent unit alert tones

#### Low battery tone

• Beeps twice every 10 minutes when the battery is low.

#### Out of range tone

• Beeps three times every 30 seconds when there is no link between the baby unit and parent unit, or when the parent unit is out of range from the baby unit.

## 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.

## **Limited warranty**

### 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 provided in the sales package ("Product") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

# What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will replace at VTech's option, without charge, a Materially Defective Product. If we choose to replace the Product, we may replace it with a new

or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Replacement of the Product, at VTech's option, is your exclusive remedy. VTech will return the replacement Products to you in working condition. You should expect the replacement to take approximately 30 days.

## How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase (90 days on products purchased as Refurbished\*). This limited warranty also applies to the replacement Product for a period of either (a) 90 days from the date the replacement Product is shipped to you or (b) the time remaining on the original one-year warranty (90-day limited warranty on products that are purchased as Refurbished\*); whichever is longer.

\*Refurbished products purchased from our online store carry a 90-day replacement warranty.

## What is not covered by this limited warranty?

## This limited warranty does not cover:

- 1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
- 2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
- 3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
- 4. Product to the extent that the problem is caused by use with non-VTech accessories; or
- 5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
- 6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
- 7. Product returned without a valid proof of purchase (see item 2 below); or
- 8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

### How do you get warranty service?

To obtain warranty service in the USA, please visit our website at <u>www.vtechphones.com</u> or call 1 (800) 595-9511. In Canada, go to <u>www.vtechcanada.com</u> or call 1 (800) 267-7377.

**NOTE:** Before calling for service, please review the user's manual – a check of the Product's controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. VTech assumes no risk for damage or loss of the Product in transit.

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

- 1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
- 2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) 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 province.

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 year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

### California Energy Commission battery charging testing mode

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

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

## **Disclaimer and Limitation of Liability**

VTech Communications, Inc. and its suppliers assume no responsibility for any damage or loss resulting from the use of this user's manual. VTech Communications, Inc. and its suppliers assume no responsibility for any loss or claims by third parties that may arise through the use of this product.

Company: VTech Communications, Inc.

Address: 9020 SW Washington Square Road – Ste 555 Tigard, OR 97223, United States

**Phone:** 1 (800) 595-9511 in the U.S. or 1 (800) 267-7377 in Canada

## FCC and IC regulations

#### FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may

cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING:** Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1. this device may not cause harmful interference, and
- 2. this device must accept any interference received, including interference that may cause undesired operation.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. Caution: The baby unit must be installed to provide a separation distance of at least 20cm from all persons.

This Class B digital apparatus complies with Canadian requirement:

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

## **Industry Canada**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1. This device may not cause interference.
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

### FCC RF radiation exposure statement

**Caution:** This baby unit must be installed to provide a separation distance of at least 20cm from all persons. For body worn operation, this parent unit has been tested and meets the FCC RF exposure guidelines. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This equipment complies also with Industry Canada RSS-102 with respect to Canada's Health Code 6 for Exposure of Humans to RF Fields.

#### The RBRC seal

VTech's participation makes it easy for you to drop off the spent product at local retailers participating in the program or at authorized VTech product service centers. Please call 1 (800) 8 BATTERY® for information on Ni-MH battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

The RBRC Seal and 1 (800) 8 BATTERY® are registered trademarks of Call2recycle, Inc.

## **Technical specifications**

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 1921.536 – 1928.448 MHz
	Parent unit: 1921.536 – 1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary acc ording to environmental conditions at the time of use.
Power requirements	Baby unit adapter: Input: 100-120V AC 60Hz; Output: 6V DC @ 400mA
	Parent unit adapter: Input: 100-120V AC 60Hz; Output: 6V DC @ 400mA
	Parent unit battery: 2.4V 400mAh Ni-MH battery

#### **Documents / Resources**



vtech TM8112-2 Digital Audio Monitor [pdf] User Manual

80-1496-01, 80149601, EW780-1496-01, EW780149601, 80-1496-00, 80149600, EW780-1496-00, EW780149600, TM8112, TM8112-2, TM8112-2 Digital Audio Monitor, Digital Audio Monitor, Audio Monitor

Manuals+,