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vttech® User's manual

SN7021

Audio Doorbell
for use with
VTech CareLine®
SN5127/SN5147

Congratulations

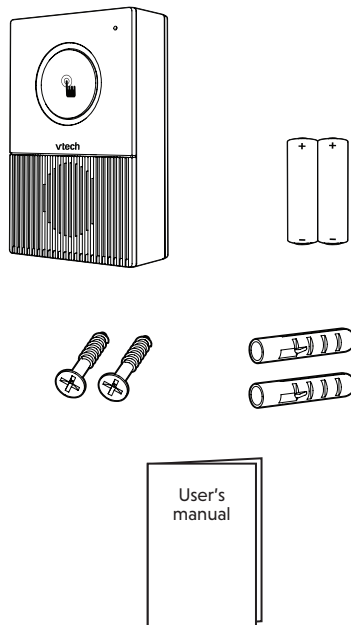
on purchasing your new VTech product. Before using this product, please read Important safety instructions.

This user's manual has instructions on how to set up and register your new Audio Doorbell. For instructions on using the Audio Doorbell, see the quick start guide or the online complete user's manual of your telephone base.

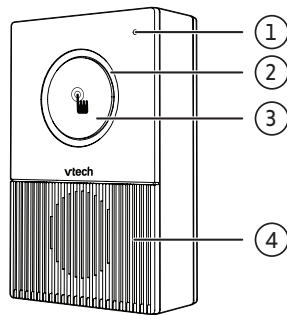
For support, shopping, and everything new at VTech, visit our website at www.vtechphones.com. In Canada, visit www.vtechcanada.com.

What's in the box

Your telephone package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.



Audio Doorbell overview



1 – Microphone

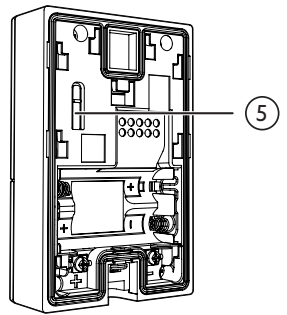
2 – LED light

- Flashes when the doorbell is chimed or in the pairing mode.

3 – CHIME button

- Press to send a chime tone and notification to the telephone base.

4 – Speaker



5– PAIR button

- Press and hold to enter the pairing mode.

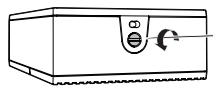
Install the battery

Install doorbell batteries

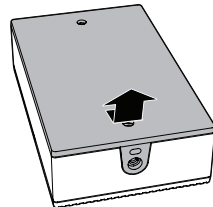
NOTES

- Use only the battery provided or equivalent.
- Charge the battery provided with this product only in accordance with the instructions and limitations specified in this manual.
- If the handset will not be used for a long time, disconnect and remove the battery to prevent possible leakage.

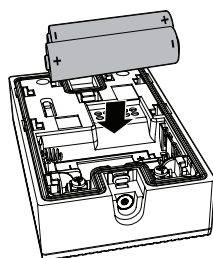
- Use a slot type screwdriver to loosen the screw, and then take it out.



- Push to the wall mount cover outward to remove it.



- Install two AA batteries into the battery compartment, matching the polarity markings (+ and -) inside the battery compartment.



NOTE

- Close the wall mount cover only after you completed the registration steps.

Before use

Add and register a handset

Register each new **SN7021** Audio Doorbell to your CareLine® telephone base (**SN5127/SN5147**) before use. Your telephone system supports a maximum of four handsets and 30 compatible ULE devices.



SN5127 base



SN5147 base

NOTES

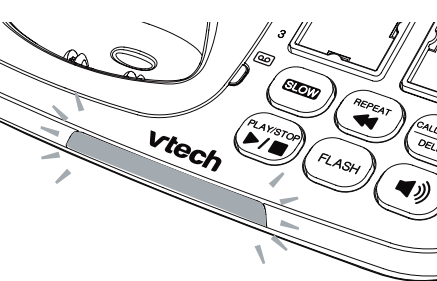
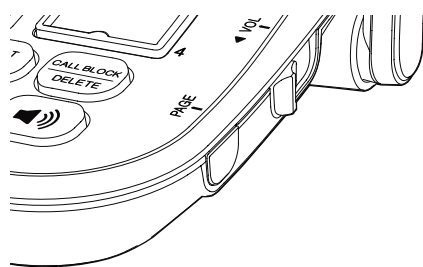
- Install the batteries before registering it to the telephone base.
- Visit www.vtechphones.com for a list of ULE devices that are compatible with your CareLine telephone base **SN5127/SN5147**.

To register a Audio Doorbell to the SN5127 telephone base:

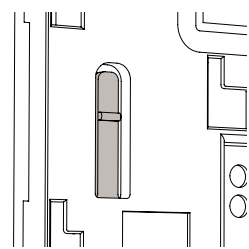


Install the batteries before registering it to the telephone base.

- When the telephone is not in use, press and hold **PAGE** at the telephone base for about five seconds until the visual ringer indicator light turns on. Release from **PAGE**.



- Press and hold the pair button on the back of the Audio Doorbell until the LED light at the front flashes, then release it.



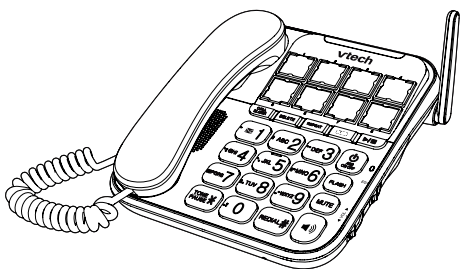
It takes up to 60 seconds to complete the registration. When the registration is successful, the LED light on the front of the Audio Doorbell turns to steady on, and the telephone base beeps and its visual ringer indicator light turns off.

If registration fails, start again from Step 1 above.

NOTE

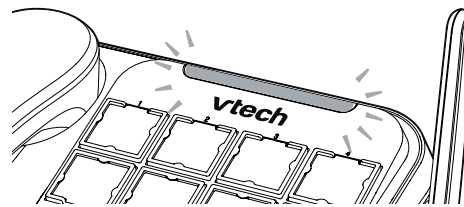
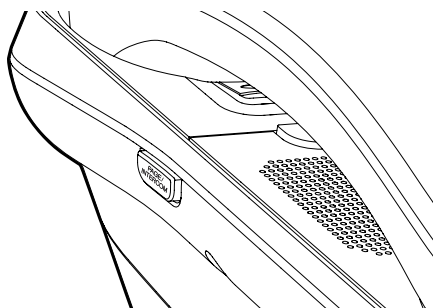
- You cannot register a Audio Doorbell if any other system device is in use.

To register a Audio Doorbell to the SN5147 telephone base:

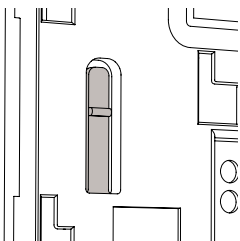


Connect the Audio Doorbell to a power supply or install the batteries before registering it to the telephone base.

- When the telephone is not in use, press and hold **PAGE/INTERCOM** at the telephone base for about five seconds until the visual ringer indicator light turns on. Release from **PAGE/INTERCOM**.



- Press and hold the pair button on the back of the Audio Doorbell until the LED light at the front flashes, then release it.



It takes up to 60 seconds to complete the registration. When the registration is successful, the LED light on the front of the Audio Doorbell turns to steady on, and the telephone base beeps and its visual ringer indicator light turns off.

If registration fails, start again from Step 1 above.

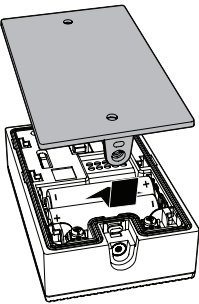
NOTES

- You cannot register a Audio Doorbell if any other system device is in use.

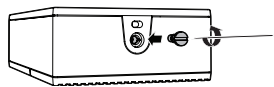
Close the wall mount cover

After you completed the registration steps:

- Push to attach the wall mount cover back to the battery compartment of your Audio Doorbell.



- Tighten the wall mount cover with screws.



Replace an Audio Doorbell

If you have purchased this new **SN7021** accessory Audio Doorbell to replace an old one, you must deregister the old Audio Doorbell first, and then register this new Audio Doorbell to your CareLine telephone base (**SN5127/SN5147**).

Deregister an Audio Doorbell

If you want to replace an Audio Doorbell, you must deregister all the devices, and then individually register each device.

If you want to register an Audio Doorbell to another telephone base, you must deregister all devices, and then register each device individually to the desired telephone base.

To deregister all devices from the telephone base:

- Press and hold **PAGE** on the telephone base for about five seconds until the visual indicator light on the telephone base turns on. Keep holding **PAGE** until the visual ringer indicator light begins to flash. Release from **PAGE**.
- Immediately press **PAGE** again while the light is still flashing.

You hear a confirmation tone when the deregistration process completes. It takes about 10 seconds to complete the deregistration.

Operating range

The operating range of the Audio Doorbell is up to 1,000 feet outdoors or 150 feet indoors. The actual operating range may vary depending on the environmental conditions and other interferences such as walls, doors and other obstructions.

Test the signal strength

You can carry the Audio Doorbell as you walk around your home.

Follow the instructions below to check the signal strength between the Audio Doorbell and the telephone base. Make sure you mount the device in a location where the signal strength is good.

Test device signal strength with your SN5127/SN5147 telephone

- Press **MENU** on the cordless handset when the telephone is not in use.
- Press **▼** or **▲** to scroll to **Device setup**, and then press **SELECT**.
- Press **SELECT** to select **Check signal**.
- Scroll to select **Doorbell**, and then press **SELECT**.
- When the handset screen displays **PLS TRIGGER THE DEVICE**, make sure your Audio Doorbell is powered on, and then press **SELECT**.
- The handset screen displays **AWAITING SIGNAL**.
 - If the handset screen displays **NO SIGNAL**, press **SELECT**, and then repeat from step 2 to test again.
 - If the handset screen displays **WEAK SIGNAL**, move the Audio Doorbell closer to the base, and then adjust the Audio Doorbell's location to improve the signal. Press **SELECT**, and then repeat from step 2 to test again.
- When the handset screen displays **GOOD**, press **SELECT**. The testing is complete.

For detailed operations, read the Audio door bell section in the quick start guide or the online complete user's manual of your telephone system.

Mount the Audio Doorbell

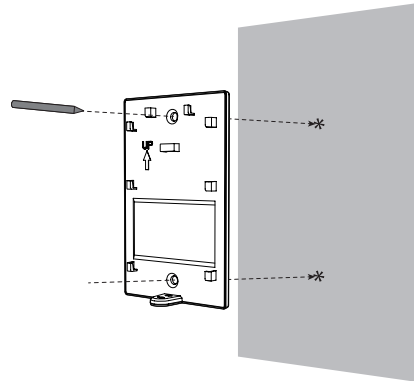
NOTE

- Before mounting your Audio Doorbell, make sure you have installed the batteries if you choose to run your Audio Doorbell with batteries.

Install Doorbell Wall Mount Cover

Attach the wall mount cover to the wall:

- Use a pencil to mark two holes on the desired location. Then remove the wall mount and drill two holes in the wall. Check for reception strength before drilling the holes.



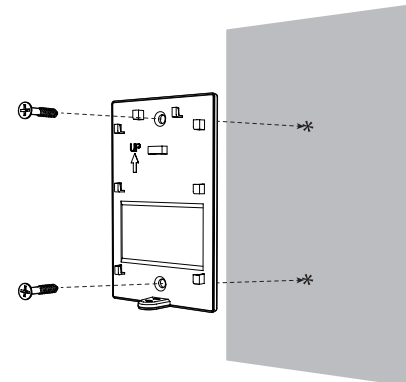
- If you drill the holes into a stud, go to step 3.

-OR-

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



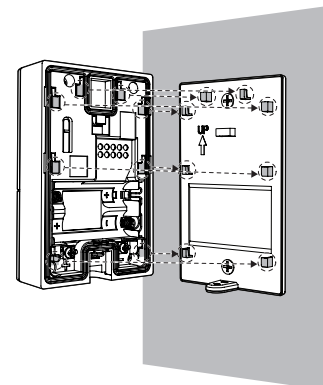
- Align the holes on the wall mount cover with the holes on the wall (or stud). Tighten the screws into the holes to secure the wall mount cover onto the wall.



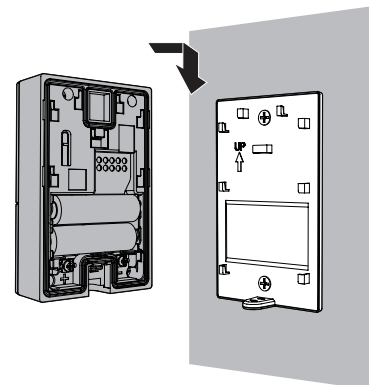
Install Doorbell

Attach the doorbell to the wall mount cover to on the wall:

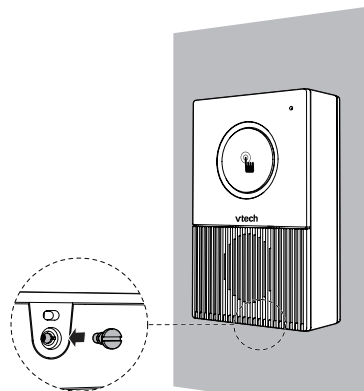
- Align the doorbell with the slots on the wall mount cover.



- Push the doorbell gently onto the wall mount cover until they are sealed tightly.



- Tighten the screw into the threaded socket at the bottom to secure.



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 Audio Doorbell in water and do not clean them under the tap.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the Audio Doorbell is dry before you connect it to the mains again.

Storage

When you are not going to use the Audio Doorbell for some time, remove the batteries from the Audio Doorbell. Store the Audio Doorbell and the power adapter in a cool and dry place.

Frequently asked questions

Below is the question most frequently asked about the Audio Doorbell. If you cannot find the answer to your question in the below table, visit our website at www.vtechphones.com or call **1 (800) 595-9511** for customer service. In Canada, go to www.vtechcanada.com or call **1 (800) 267-7377**.

The Audio Doorbell doesn't work with the telephone system equipment.	Make sure the AA batteries are installed. The Audio Doorbell may be deregistered from your telephone system. Refer to Add and register an Audio Doorbell and register the Audio Doorbell back. The Audio Doorbell may be out of range. Move the Audio Doorbell closer to your telephone system. If the above suggestions do not work, deregister all devices and register them to the telephone base again.
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Important safety instructions

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

- Read and understand all instructions.
- Follow all warnings and instructions marked on the product.
- Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a dry non-abrasive cloth for cleaning.
- Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or a swimming pool, or in a wet basement or shower.
- Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
- Avoid placing the device in places with extreme temperature, direct sunlight, or other electrical devices. Protect your Audio Doorbell from moisture, dust, corrosive liquids and fumes.
- 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.
- 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 allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
- 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 Audio Doorbell 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.
- Do not overload wall outlets and extension cords.
 - Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
 - When the power supply cord or plug is damaged or frayed.
 - If liquid has been spilled onto the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
 - If the product has been dropped or damaged.
 - If the product exhibits a distinct change in performance.
 - Avoid using the product during an electrical storm. There is a remote risk of electric shock from lightning.
 - Periodically examine all components for damage.
 - CAUTION:** Use only the batteries indicated in this manual. There may be a risk of explosion if a wrong type of battery is used for the Audio Doorbell. Do not dispose of batteries in a fire. They may explode.

SAVE THESE INSTRUCTIONS

Battery

- CAUTION:** To prevent risk of fire or battery explosion, replace with the correct battery type.
- Dispose of used batteries according to the instructions.
- Batteries should not be exposed to excessive heat such as bright sunshine or fire.
- Do not dispose of the batteries in a fire. Check with local waste management codes for special disposal instructions.

- Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit with conductive materials.

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.

FCC and IC regulations

FCC Part 15

NOTE: 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. The Audio Doorbell shall be installed and used such that parts of all persons' body are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian requirement:
CAN ICES-3 (B)/NMB-3(B)

Industry Canada

This device complies with Industry Canada licence-exempt RSS standard(s).

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.

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.

RF radiation exposure statement

The Audio Doorbell complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The Audio Doorbell should be installed and operated with a minimum distance of 20 cm (8 inches) between the Audio Doorbell and all persons' body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies also with Industry Canada RSS-102 with respect to Canada's Health Code 6 for Exposure of Humans to RF Fields.

For C-UL compliance only

Mesures de sécurité importantes

Lorsque vous utilisez votre appareil, vous devriez toujours suivre certaines mesures de précaution de base afin de réduire les risques d'incendie, d'électrocution et de blessures corporelles, dont ceux qui suivent :

- Lisez et comprenez bien toutes les instructions.
- Observez toutes les instructions et mises en garde inscrites sur l'appareil.
- Débranchez ce produit de la prise de courant avant de procéder au nettoyage. N'utilisez pas de nettoyeurs en aérosols. Utilisez un chiffon humide pour le nettoyer.
- N'utilisez pas ce produit près de l'eau, tel que près d'un bain, d'un lavabo, d'un évier de cuisine, d'un bac de lavage ou d'une piscine, ou dans un sous-sol humide ou sous la douche.
- Ne placez pas cet appareil sur un chariot, support ou table chancelants. L'appareil pourrait tomber et être sérieusement endommagé.
- Évitez d'installer le appareil dans les endroits soumis à une température extrême, à la lumière directe du soleil ou à proximité immédiate d'autres appareils électriques ou électroniques. Protégez votre appareil contre les sources d'humidité, la poussière, les vapeurs et les liquides corrosifs.
- Le boîtier de l'appareil est doté de fentes et d'ouvertures d'aération situées à

l'arrière ou en dessous. Afin d'empêcher la surchauffe, ces ouvertures ne doivent pas être obstruées en plaçant l'appareil sur un lit, divan, tapis ou autre surface similaires. Ne placez pas cet appareil à proximité d'un élément de chauffage ni d'une plinthe électrique. De plus, ne l'installez pas dans une unité murale ou un cabinet fermé qui ne possède pas d'aération adéquate.

- Ne faites fonctionner cet appareil qu'avec le type d'alimentation indiqué sur les étiquettes de l'appareil. Si vous ne connaissez pas le voltage de votre maison, consultez votre marchand ou votre fournisseur d'électricité.

- Ne laissez aucun objet reposer ni appuyer sur le cordon d'alimentation. N'installez pas cet appareil dans un endroit où l'on risque d'écraser le cordon d'alimentation ou de le piétiner.
- N'insérez jamais d'objets à travers les fentes et ouvertures de cet appareil, car ils pourraient toucher à des points de tension dangereux ou court-circuiter des pièces, ce qui constituerait un risque d'incendie ou d'électrocution. N'échappez pas de liquides dans l'appareil.

- Afin de réduire les risques d'électrocution, ne démontez pas l'appareil, mais apportez-le plutôt à un centre de service qualifié s'il doit être réparé. En enlevant le couvercle, vous vous exposez à des tensions dangereuses ou autres dangers similaires. Un remontage inadéquat peut être à l'origine d'une électrocution lors d'une utilisation ultérieure de l'appareil. Débranchez l'appareil avant de procéder au nettoyage. Utilisez un chiffon humide et doux.

- Ne surchargez pas les prises de courant et les rallonges.
- Débranchez cet appareil de la prise de courant et communiquez avec le département de service à la clientèle de VTech dans les cas suivants:

- Lorsque le cordon d'alimentation est endommagé ou écorché.
- Si du liquide a été échappé dans l'appareil.
- Si l'appareil a été exposé à une source d'humidité telle que la pluie ou l'eau.
- Si le produit ne fonctionne pas normalement en respectant les instructions de

fonctionnement. Réglez uniquement les commandes indiquées dans le les instructions de fonctionnement. Les réglages incorrects des autres commandes pourraient provoquer un dommage qui pourrait exiger un travail exhaustif de la part d'un technicien autorisé afin de rétablir le fonctionnement normal de l'appareil.

- Si le produit a été échappé ou endommagé.
- Si le produit affiche une nette diminution de sa performance.

- Évitez d'utiliser l'appareil pendant un orage. Les éclairs peuvent être à l'origine d'une électrocution.

- Examinez les composantes afin de vérifier si celles-ci ne sont pas endommagées.

- MISE EN GARDE :** Il peut y avoir un risque d'explosion si vous utilisez le mauvais type de piles. Utilisez uniquement les piles indiquées dans ce manuel. N'incinerez pas les piles. Celles-ci risqueraient d'exploser.

CONSERVEZ CES INSTRUCTIONS

Pile

- MISE EN GARDE:** Afin de prévenir les risques d'incendie ou d'explosion de la pile, remplacez la pile avec une pile du même type.
- Jetez les piles épuisées en respectant les instructions.
- Le bloc-piles ne doit pas être exposé la chaleur excessive telle que la lumière du soleil ou au feu.
- Ne jetez pas la pile au feu. Vérifiez les instructions spécifiques de mise aux rebus auprès des autorités locales.
- N'ouvrez pas et ne mutiliez pas la pile. L'électrolyte qui s'en échapperait est corrosif et pourrait causer des brûlures ou des blessures aux yeux ou à la peau. L'électrolyte est toxique si avalé.
- Soyez prudents lorsque vous manipulez les piles afin d'éviter les courts-circuits provoqués par des matériaux conducteurs.

Stimulateurs cardiaques implantés dans l'organisme

Les simulateurs cardiaques (s'applique uniquement aux téléphones numériques sans fil) :

L'organisme 'Wireless Technology Research, LLC (WTR)', une firme de recherche indépendante, a mené une évaluation pluridisciplinaire

des interférences entre les téléphones sans fil portatifs et les stimulateurs cardiaques implantés dans l'organisme. Appuyée par l'Administration des aliments et drogues (FDA) des États-Unis, la firme WTR recommande aux médecins :

Avis aux détenteurs de stimulateurs cardiaques

- Vous devriez maintenir les dispositifs sans fil au moins six pouces du simulateur cardiaque.
- Ils ne doivent PAS placer les dispositifs sans fil directement sur le stimulateur cardiaque, tel que dans une poche de chemise, lorsque celui-ci est en marche.

L'étude effectuée par l'organisme WRS n'a pas identifié de risque pour les détenteurs de simulateurs cardiaques causés par les gens qui utilisent un téléphone sans fil à proximité de ceux-ci.

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 repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech's option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or

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. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to the repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

- 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
- Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
- Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
- Product to the extent that the problem is caused by use with non-VTech accessories; or
- Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
- 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
- Product returned without a valid proof of purchase (see item 2 on the next page); or
- 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 www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

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.

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	1921.536-1928.448 MHz
Channels	5
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	Battery: 2 x AA Alkaline battery, 1.5V DC 2800mAh



Specifications are subject to change without notice.
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