



# User's manual

## CS6419/CS6419-15/ CS6419-16/CS6419-2

### DECT 6.0 cordless telephone

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## Introduction

To protect our environment and conserve natural resources, this user's manual provides you with the basic installation and use instructions. A limited set of features are described in abbreviated form.

Please refer to the online User's manual for a full set of installation and operation instructions at [www.vtechphones.com](http://www.vtechphones.com).

Before using this VTech product, please read **Important safety instructions** on page 11 of this user's manual.

## Parts checklist

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



Telephone line cord



Battery compartment cover  
(1 for CS6419, CS6419-15 and CS6419-16, and 2 for CS6419-2)



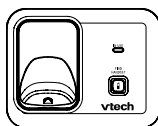
Battery  
(1 for CS6419, CS6419-15 and CS6419-16, and 2 for CS6419-2)



Telephone base power adapter



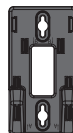
Handset  
(1 for CS6419, CS6419-15 and CS6419-16, and 2 for CS6419-2)



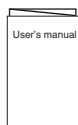
Telephone base



Charger and charger adapter  
(1 for CS6419-2)



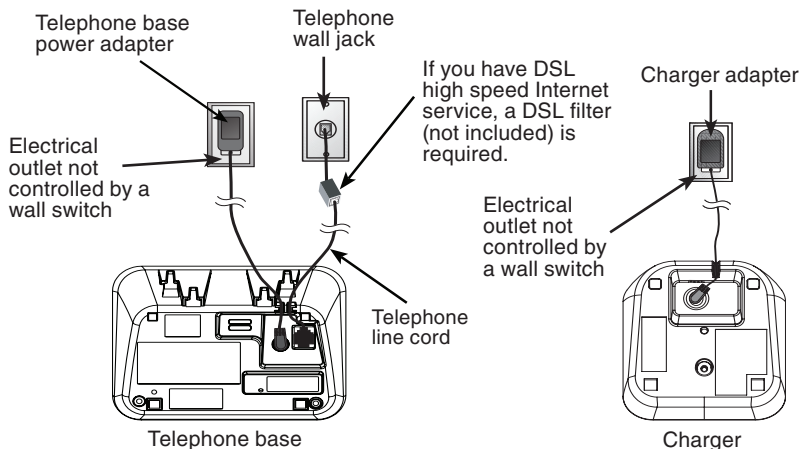
Wall mount bracket



User's manual

## Telephone base and charger installation

Install the telephone base and charger as shown below.



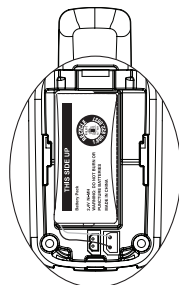
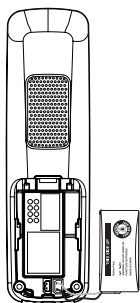
### note

- Use only the power adapter and battery supplied with this product. To order a replacement, visit our website at [www.vtechphones.com](http://www.vtechphones.com) or call 1 (800) 595-9511. In Canada, go to [www.vtechcanada.com](http://www.vtechcanada.com) or call 1 (800) 267-7377.
- The power adapter is 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.

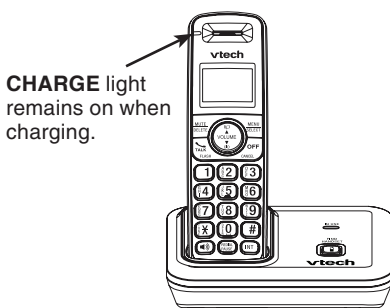
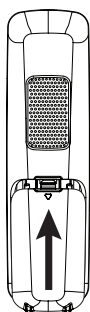
## Battery installation

Install the battery as shown below.

- ① Plug the battery connector securely into the socket.
- ② Place the battery with the label **THIS SIDE UP** facing up and the wires inside the battery compartment.



- ③ Slide the battery compartment cover towards the center of the handset until it clicks into place.
- ④ Place the handset in the telephone base or charger to charge.



### note



If the handset will not be used for a long time, disconnect and remove the battery to prevent possible leakage.

## Battery charging

Once you have installed the battery, the screen indicates the battery status (see the table on the next page).

### note

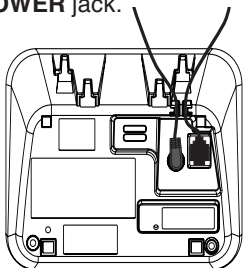
- For best performance, keep the handset in the telephone base or charger when not in use.
- The battery is fully charged after 10 hours of continuous charging.
- If you place the handset in the telephone base or the charger without plugging in the battery, the screen displays **NO BATTERY**.

Battery indicators	Battery status	Action
The screen is blank, or shows <b>PLACE IN CHARGER</b> and  flashes.	Battery has no charge or very little charge. The handset cannot be used.	Charge without interruption (at least 30 minutes).
The screen shows <b>LOW BATTERY</b> and  flashes.	Battery has enough charge to be used for a short time.	Charge without interruption (at least 30 minutes).
The screen shows <b>HANDSET X.</b>	Battery is charged.	To keep the battery charged, place it in the telephone base or charger when not in use.

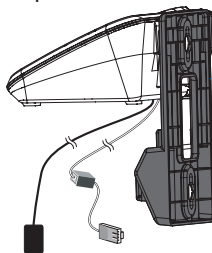
## Tabletop to wall mount installation

The telephone comes ready for tabletop use. Follow the steps below to mount your telephone on a wall.

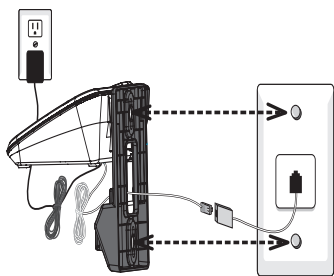
- ① Plug one end of the telephone line cord into the **TEL LINE** jack at the bottom of the telephone base and the base power adapter into the **POWER** jack.



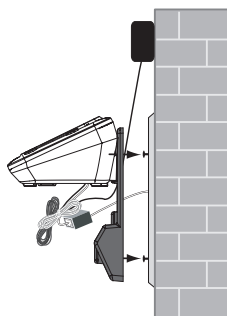
- ② Position the telephone base against the wall mount bracket as shown. Insert the extended tabs marked **B** on the wall mount bracket into the slots marked **B** on the back of the telephone base.



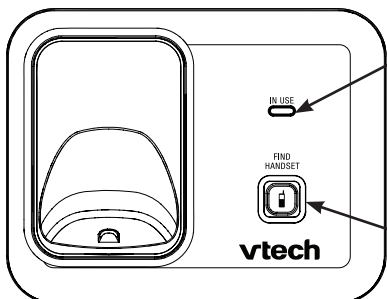
- ③ Route the telephone line cord through the hole on the wall mount bracket and plug it into the telephone wall jack. Route the power cord out of the telephone base and plug it into an electrical outlet not controlled by a wall switch.



- ④ Align the holes on the bracket with the standard wall plate and slide the bracket down until it locks securely. Bundle the telephone line cord and power adapter cord neatly with twist ties.



## Telephone base overview



### IN USE light

On when the handset is in use.  
Flashes quickly when there is an incoming call.  
Flashes slowly when another telephone sharing the same line is in use.

### FIND HANDSET

Press once and then release to page all system handsets.

## Handset overview

### CHARGE light

On when the handset is charging.

### ▲/VOLUME

Review the directory when the telephone is not in use.

Increase the listening volume during a call.

Scroll up while in a menu, or in the directory, call log or redial list.

Move the cursor to the right when entering numbers or names.

### MUTE/DELETE

Mute the microphone during a call.

Delete digits or characters while using the dialling keys.

Silence the ringer temporarily while the handset is ringing.

Delete the displayed entry while in the directory, call log or redial list.

### TALK/FLASH

Make or answer a call.

Answer another incoming call during a call.

### 1

Press repeatedly to add or remove 1 in front of the call log entry before dialing or saving it to the directory.

### TONEX

Switch to tone dialing temporarily during a call.

### ☎ (speakerphone)

Press to make or answer a call using the handset speakerphone.

During a call, press to switch between the speakerphone and the handset.

### CID▼/VOLUME

Review the call log when the telephone is not in use.

Decrease the listening volume during a call.

Scroll down while in a menu, or in the directory, call log or redial list.

Move the cursor to the left when entering numbers or names.

### MENU/SELECT

Show the menu.

While in a menu, press to select an item, or save an entry or setting.

### OFF/CANCEL

Hang up a call.

Silence the ringer temporarily while the handset is ringing.

Press and hold to erase the missed call indicator while the telephone is not in use.

Press to return to the previous menu, or press and hold to return to idle mode, without making changes.

### Dialing keys

Enter numbers or characters.

### # (pound key)

Press repeatedly to show other dialing options when reviewing a call log entry.

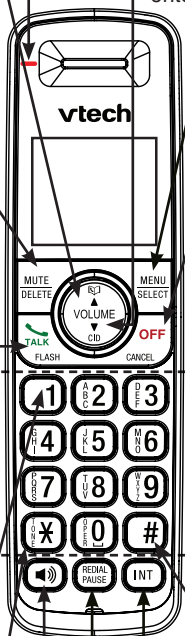
### INT (intercom)

Start an intercom conversation or transfer a call (for multi-handset models only).

### REDIAL/PAUSE

Press repeatedly to review the redial list.

Press and hold to insert a dialing pause while entering numbers in the directory.



## Using the menu

### To enter the handset menu:

1. Press **MENU/SELECT** when the telephone is not in use.
2. Press ▼ or ▲ until the screen displays the desired feature menu.
3. Press **MENU/SELECT** to enter that menu.

- To return to the previous menu, press **OFF/CANCEL**.
- To return to idle mode, press and hold **OFF/CANCEL**.

## Telephone settings

Default settings are indicated by an asterisk(\*).

Screen display	Function	Options
<b>LCD LANGUAGE</b>	Set the screen display language.	<b>ENGLISH*</b> <b>FRANÇAIS</b> <b>ESPAÑOL</b>
<b>CLR VOICEMAIL</b>	Turn off the voicemail indicators.	<b>TURN OFF INDICATOR?</b>
<b>KEY TONE</b>	Turn an audible beep on or off whenever a key is pressed.	<b>ON*</b> <b>OFF</b>
<b>SET DATE/TIME</b>	Set the date and time shown on the handset.	-:-- --/--
<b>HOME AREA CODE</b>	Enter your home area code if you dial only seven digits for local calls.	--
<b>DIAL MODE</b>	Set the telephone to be tone or pulse dialing.	<b>tone*</b> <b>PULSE</b>

The following are some of the telephone features you may wish to set. Refer to **Telephone settings** in the online user's manual for detailed instructions on setting all telephone features.

## Ringer volume

You can adjust the ringer volume level, or turn the ringer off.

1. Press **MENU/SELECT** when the handset is not in use.
2. Scroll to **>RINGERS**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to select **>RINGER VOLUME**.
4. Press **▼** or **▲** to sample each volume level.
5. Press **MENU/SELECT** to save.

- note**
- If the handset ringer volume is set to off, that handset is silenced for all incoming calls except paging tone.
  - The ringer volume also determines the ringer volume of the intercom calls and the volume of the paging tone.


## Set date and time

If you subscribe to caller ID service, the day, month and time are set automatically with each incoming call.

### To set the date and time manually:





1. Press **MENU/SELECT** when the handset is not in use.
2. Scroll to select **>SETTINGS**, then press **MENU/SELECT**.
3. Scroll to select **>SET DATE/TIME**, then press **MENU/SELECT**.
4. Use the dialing keys (**0-9**) to enter the month, date and year. Press **MENU/SELECT** to advance to set the time.
5. Use the dialing keys (**0-9**) to enter the hour and minute.
6. Press **▼** or **▲** to choose **AM** or **PM**, or press **2** for **AM** or **7** for **PM**. Press **MENU/SELECT** to save.

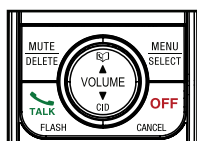
## Voicemail indicators

If you subscribe to voicemail service offered by your telephone service provider, **NEW VOICEMAIL** and  appear on the handset when you have new voicemail messages. Contact your telephone service provider for more information and assistance about using your voicemail service. Refer to **Clear voicemail indicators** in the online user's manual on how to clear the voicemail indicators.



## Telephone operation

### Make a call

- Press /FLASH or , and then dial the telephone number.
- OR-
- Redial by first dialing the telephone number and then press /FLASH or .




### Answer a call

- Press /FLASH,  or any dialing key (**0-9**, **TONE~~X~~** or **#**).

### End a call

- Press **OFF/CANCEL** or put the handset to the telephone base or charger.

## Speakerphone

- During a call, press  to switch between speakerphone and normal handset use.

## Volume

- During a call, press **▼/VOLUME** or **▲/VOLUME** to adjust the listening volume.

- note** The handset earpiece volume setting and speakerphone volume setting are independent.



## Mute

The mute function allows you to hear the other party but the other party cannot hear you.

1. During a call, press **MUTE/DELETE**. The screen displays **MUTED** for a few seconds and then **MUTE** appears until the mute function is turned off.
2. Press **MUTE/DELETE** again to resume the conversation. The screen temporarily displays **MICROPHONE ON**.


## Call waiting

When you subscribe to call waiting service from your telephone service provider, you hear an alert tone if there is an incoming call while you are on another call.

- Press /FLASH to put the current call on hold and take the new call.
- Press /FLASH at any time to switch back and forth between calls.

## Temporary ringer silencing

When the telephone is ringing, you can temporarily silence the ringer of the handset without disconnecting the call. The next call rings normally at the preset volume.

- To silence the handset ringer, press **OFF/CANCEL** or **MUTE/DELETE** on the handset. **RINGER MUTED** and  display.

## Temporary tone dialing


If you have pulse (rotary) service only, you can switch from pulse to tone dialing temporarily during a call.

1. During a call, press **TONE~~X~~**.
2. Use the dialing keys to enter the relevant number. The telephone sends touch-tone signals.
3. The telephone automatically returns to pulse dialing mode after you end the call.




## Find handset

Use this feature to find all system handsets.

### To start paging:

- Press /FIND HANDSET on the telephone base once and then release. All idle handsets ring and their screens show **\*\* PAGING \*\***.

### To end paging:

- Press /FIND HANDSET again on the telephone base once and then release.
- Press /FLASH,  or any dialing key (**0-9, TONE~~X~~** or #) on the handset.
- Place the handset in the telephone base or charger.


### note

Do not press and hold /FIND HANDSET for more than four seconds. It may lead to handset deregistration. If **1.PRESS FIND HS ON BASE 4 SEC** and **2.THEN PRESS # ON HANDSET** display alternately on the handset, refer to **Troubleshooting** to register the handset to the telephone base.

## Redial list

Each handset stores the last 10 telephone numbers dialed.

### To review and dial a number from the redial list:



1. Press **REDIAL/PAUSE** when the handset is not in use.
2. Press **▼**, **▲**, or **REDIAL/PAUSE** repeatedly until the desired entry displays.
3. Press /FLASH to dial.

### To delete a redial entry:

When the desired redial entry displays, press **MUTE/DELETE**.



## Join a call in progress

You can use up to two system handsets at a time on an outside call. You can buy additional expansion handsets (**CS6409**) for this telephone base. You can register up to five handsets to the telephone base.

- When a handset is on a call, press /FLASH or  on another handset to join the call.
- Press **OFF/CANCEL** to exit the call. The call continues until all handsets hang up.

## Intercom

Use the intercom features for conversations between two handsets.

1. Press **INT** on your handset when it is not in use. When you have three or more handsets, use the dialing keys to enter a destination handset number.
2. To answer the intercom call, press /FLASH, , **INT** or any dialing key (**0-9, TONE~~X~~**, #) on the destination handset.
3. To end an intercom call, press **OFF/CANCEL** or place the handset back in the telephone base or charger.

## Answer an incoming call during an intercom call

If you receive an outside call during an intercom call, there is an alert tone.

- To answer the outside call, press **TALK/FLASH**. The intercom call ends automatically.
- To end the intercom call without answering the outside call, press **OFF/CANCEL**. The intercom call ends and the telephone continues to ring.

## Call transfer using intercom

Use the intercom feature to transfer an outside call to another system handset.

1. During a call, press **INT**. When you have three or more handsets, use the dialing keys to enter a destination handset number.
2. To answer the intercom call, press **TALK/FLASH**, **INT** or any dialing key (**0-9**, **TONEX**, **#**) on the destination handset. The outside call is still on hold and both handsets now show **INTERCOM**. You can now have a private conversation with the destination handset.
3. From this intercom call, you have the following options:
  - You can let the destination handset join you on the outside call in a three-way conversation. Press and hold **INT** on the original handset.
  - You can transfer the call. Press **OFF/CANCEL**, or place your handset back in the telephone base or charger. Your handset screen shows **CALL TRANSFERRED**. The destination handset then automatically connects to the outside call.
  - You can press **INT** to switch between the outside call (**OUTSIDE CALL** displays) and the intercom call (**INTERCOM** displays).
  - The destination handset can end the intercom call by pressing **OFF/CANCEL**, or by placing the handset back in the telephone base or charger. The outside call continues with the original system handset.

## Directory

The directory can store up to 50 entries and are shared by all system handsets.

### To add a directory entry:

1. Press **MENU/SELECT** twice.
2. Scroll to **>ADD CONTACT**, then press **MENU/SELECT**. When the screen displays **ENTER NUMBER**:
  - Use the dialing keys to enter the number (up to 30 digits).
  - OR-
  - Copy a number from the redial list by pressing **REDIAL/PAUSE** and then press **▼**, **▲** or **REDIAL/PAUSE** repeatedly to select a number. Press **MENU/SELECT** to copy the number.
3. Press **MENU/SELECT** to move to the name.
4. When the screen displays **ENTER NAME**, use the dialing keys to enter the name (up to 15 characters). Additional key presses show other characters of that particular key.
5. Press **MENU/SELECT** to store the entry.

While entering names and numbers, you can:

- Press **MUTE/DELETE** to backspace and erase a digit or character.
- Press and hold **MUTE/DELETE** to erase the entire entry.
- Press and hold **REDIAL/PAUSE** to insert a dialing pause (for entering phone numbers only).
- Press **▼** or **▲** to move the cursor to the left or right.
- Press **0** to add a space (for entering names only).

### To review and dial from the directory:

Entries are sorted alphabetically.

1. Press **☐▲** when the handset is not in use.
2. Scroll to browse through the directory, or use the dialing keys to start a name search.
3. When the desired entry appears, press **TALK/FLASH** or **☐** to dial.

### To edit a directory entry:

1. When the desired entry displays, press **MENU/SELECT**.
2. When the screen displays **EDIT NUMBER**, use the dialing keys to edit.
3. Press **MENU/SELECT**.
4. When the screen displays **EDIT NAME**, use the dialing keys to edit.
5. Press **MENU/SELECT** to save.

### To delete a directory entry:

1. When the desired entry displays, press **MUTE/DELETE**.
2. When the screen displays **DELETE CONTACT?**, press **MENU/SELECT**.

## Speed dial

You can copy up to 10 directory entries into the speed dial locations so that you can dial these numbers using fewer keys than usual.

### To store a speed dial entry:

1. Press **MENU/SELECT** twice when the handset is not in use.
2. Scroll to **>SPEED DIAL**, then press **MENU/SELECT**.
3. Scroll to a desired speed dial location, then press **MENU/SELECT**.
4. Scroll to a desired directory entry, then press **MENU/SELECT** to save.

### To dial a speed dial entry:

1. Press and hold a dialing key (**0** through **9**) to display the desired speed dial entry when the handset is not in use.
2. Press **TALK/FLASH** or **Ⓜ** to dial the displayed telephone number.

### To delete a speed dial entry:

When the desired entry displays, press **MUTE/DELETE**. **<EMPTY>** appears.

## Caller ID

This product supports caller ID services provided by most telephone service providers. Depending on your service subscription, you may see the caller's name, number, date and time of calls that are sent by your telephone service provider after the first or second ring.

## Call log

The call log stores up to 50 entries. If you answer a call before the caller information appears, it will not be saved in the call log.

- The handset displays **XX MISSED CALLS** when there are calls that have not been reviewed in the call log.
- If you want to erase the missed call indicator, press and hold **OFF/CANCEL** on the idle handset.

### To review and dial a number in the call log:

1. Press **CID** when the handset is not in use.
2. Scroll to browse through the call log. When the desired entry appears:
  - Press **#** (pound key) repeatedly to show different dialing options.
  - Press **1** repeatedly if you need to add or remove 1 in front of the telephone number.
3. Press **TALK/FLASH** to dial the displayed number.

### To save a call log entry to the directory:

1. When the desired call log entry displays, press **MENU/SELECT**.
2. When the screen displays **EDIT NUMBER**, use the dialing keys to modify the number if necessary.
3. Press **MENU/SELECT**.
4. When the screen displays **EDIT NAME**, use the dialing keys to modify the name if necessary.
5. Press **MENU/SELECT** to save.

### To delete the call log entries:

- **Delete one entry:** When the desired call log entry displays, press **MUTE/DELETE**.
- **Delete all entries:** Press **MENU/SELECT** when the handset is not in use. Scroll to **>CALL LOG** and then press **MENU/SELECT**. Scroll to **>DEL ALL CALLS** and then press **MENU/SELECT** twice.

## Expand your telephone system

You can add new handsets (**CS6409**, purchased separately) to your telephone base. Your telephone base supports a maximum of 5 handsets. For more details, refer to the user's manual that comes with your **CS6409** new handset.



## Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For customer service, visit our website at [www.vtechphones.com](http://www.vtechphones.com) or call 1 (800) 595-9511. In Canada, go to [www.vtechcanada.com](http://www.vtechcanada.com) or call 1 (800) 267-7377.

### My telephone does not work at all.

- Make sure the battery is installed and charged correctly. For optimum daily performance, return the handset to the telephone base after use.
- Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the telephone base and the wall jack.
- Unplug the electrical power to the telephone base. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to synchronize.
- Charge the battery in the handset for up to 10 hours.
- If the battery is completely depleted, it may take up to 30 minutes to charge the handset before **LOW BATTERY** appears on the screen.
- Remove and install the battery again. If that still does not work, it may be necessary to purchase a new battery.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or local telephone service. Contact your telephone service provider.

### The display shows **NO LINE. I cannot get a dial tone.**

- Try all the above suggestions.
- Make sure the telephone line cord is plugged firmly into the telephone base and the wall jack.
- Disconnect the telephone line cord from your telephone and connect it to another telephone. If there is no dial tone on that other telephone either, then the telephone line cord may be defective. Try installing a new telephone line cord. If changing the telephone line cord does not help, the wall jack (or the wiring to this wall jack) may be defective. Contact your telephone service provider.

### The display shows **1.PRESS FIND HS ON BASE 4 SEC and 2.THEN PRESS # ON HANDSET** alternately. The handset does not work at all.

- The handset is deregistered from the telephone base. To register it back:
  1. Press and hold **FIND HANDSET** on the telephone base for about four seconds until the red **IN USE** light on the telephone base turns on.
  2. Press **#** (pound key) on the handset. The handset shows **REGISTERING...PLEASE WAIT**. The handset shows **HANDSET REGISTERED** and you hear a beep when the registration process completes. This process takes about 60 seconds. If the registration fails, the handset shows **REGISTRATION FAILED** and then **1.PRESS FIND HS ON BASE 4 SEC and 2.THEN PRESS # ON HANDSET** alternately. Remove the handset from the telephone base and place it back in. Repeat Steps 1 and 2 again.

### I cannot dial out.

- Try all the above suggestions.
- Make sure there is a dial tone before dialing. It is normal if the handset takes a second or two to synchronize with the telephone base before producing a dial tone. Wait an extra second before dialing.
- If other telephones in your home are having the same problem, the problem is in the wiring or local telephone service. Contact your telephone service provider (charges may apply).
- Eliminate any background noise. Mute the cordless handset before dialing, or dial from another room in your home with less background noise.

### LOW BATTERY shows on the handset screen.

- Place the handset in the telephone base or charger for recharging.
- Remove and install the battery again and use it until fully depleted, then charge the handset in the telephone base or charger for up to 10 hours.
- If the above measures do not correct the problem, replace the battery.

### The battery does not charge in the handset or the handset battery does not accept charge.

- Make sure the handset is placed in the telephone base or charger correctly. The **CHARGE** light on the handset should be on.
- Remove and install the battery again, then charge for up to 10 hours.

### The CHARGE light is off.

- Clean the charging contacts on the handset, telephone base and charger each month with a pencil eraser or a dry non-abrasive fabric.
- Make sure the power adapter and telephone line cord are plugged in correctly and securely.
- Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the handset and telephone base to reset.

### The telephone does not ring when there is an incoming call.

- Make sure the handset ringer volume is not set to off.
- Make sure the telephone line cord and power adapter are plugged in properly.
- The handset may be too far from the telephone base. Move it closer to the telephone base.
- There may be too many extension phones on the telephone line to allow all of them to ring simultaneously. Unplug some of them.
- If other telephones in your home are having the same problem, the problem is in the wiring or local telephone service. Contact your telephone service provider (charges may apply).
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

- Test a working telephone at the telephone wall jack. If another telephone has the same problem, the problem is in the telephone wall jack. Contact your telephone service provider (charges may apply).
- The telephone line cord may be malfunctioning. Install a new telephone line cord.
- Remove and install the battery again and then place the handset in the telephone base.
- Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.

#### **My caller ID features are not working properly.**

- Caller ID is a subscription service. You must subscribe to this service from your telephone service provider for this feature to work on your telephone.
- The caller may not be calling from an area which supports caller ID.
- Both your and your caller's telephone service providers must use equipment compatible with the caller ID service.
- The caller ID information shows after the first or second ring.
- If you subscribe to high-speed Internet service (DSL - digital subscriber line) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.

#### **My handset beeps and is not performing normally.**

- Make sure the power cord is securely plugged into the telephone base. Plug the telephone base into a different working electrical outlet not controlled by a wall switch.
- Move the handset closer to the telephone base. It may be out of range.
- Reset the telephone base by unplugging the electrical power to the base. Wait for 15 seconds and plug it back in again. Allow up to one minute for the cordless handset and the telephone base to synchronize.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

#### **There is interference during a telephone conversation.**

##### **My calls fade out when I am using the cordless handset.**

- The handset may be out of range. Move it closer to the telephone base.
- If you subscribe to high-speed Internet service (DSL - digital subscriber line) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.
- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your telephone or modem farther apart from each other, or use a different surge protector.
- The location of your telephone base can impact the performance of your cordless phone. For better reception, install the telephone base in a centralized location within your home or office, away from walls or other obstructions. In many environments, elevating the telephone base improves overall performance.
- Disconnect the telephone base from the telephone wall jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or local telephone service. Contact your telephone service provider (charges may apply).
- If other telephones in your home are having the same problem, the problem is in the wiring or local telephone service. Contact your telephone service provider (charges may apply).

#### **I hear other calls when using the telephone.**

- Disconnect the telephone base from the telephone wall jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or local telephone service. Contact your telephone service provider.


#### **I hear noise on the cordless handset and the keys do not work.**

- Make sure the telephone line cord is plugged in securely.

#### **OUT OF RANGE OR NO PWR AT BASE shows on the handset screen.**

- The handset may be out of range. Move it closer to the telephone base.
- Make sure the power cord is securely plugged into the telephone base. Use a working electrical outlet not controlled by a wall switch.
- Reset your telephone by unplugging the power adapter from the telephone base. Disconnect the battery from the cordless handset. Wait for 15 seconds, then plug in the power adapter and reinstall the battery. Place the handset in the telephone base and allow up to one minute for the handset and telephone base to synchronize.
- Other electronic products such as HAM radios and other DECT phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

#### **NEW VOICEMAIL and show on the display and I don't know why.**

- If **NEW VOICEMAIL** and  appear on the display, then your telephone has received a signal from your telephone service provider that you have a voicemail message waiting for you to retrieve from your telephone service provider. Contact your telephone service provider for more information on how to access your voicemail.

#### **Common cure for electronic equipment.**

- If the telephone is not responding normally, put the cordless handset in the telephone base. If this does not fix the problem, do the following (in the order listed):
  1. Disconnect the power to the telephone base.
  2. Disconnect the battery on the cordless handset.
  3. Wait a few minutes before connecting power to the telephone base.
  4. Install the battery again and place the cordless handset in the telephone base .
  5. Wait for the cordless handset to synchronize with the telephone base. Allow up one minute for this to take place.

## Important safety instructions

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
5. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
6. Avoid placing the telephone system in places with extreme temperature, direct sunlight, or other electrical devices. Protect your phone from moisture, dust, corrosive liquids and fumes.
7. Slots and openings in the back or bottom of the telephone base and handset 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 not be placed in any area where proper ventilation is not provided.
8. 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 or office, consult your dealer or local power company.
9. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
10. Never push objects of any kind into this product through the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
11. 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 telephone base or handset 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.
12. Do not overload wall outlets and extension cords.
13. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
  - A. When the power supply cord or plug is damaged or frayed.
  - B. If liquid has been spilled onto the product.
  - C. If the product has been exposed to rain or water.
  - D. 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.
  - E. If the product has been dropped and the telephone base and/or handset has been damaged.
  - F. If the product exhibits a distinct change in performance.
14. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
15. Do not use the telephone to report a gas leak in the vicinity of the leak. Under certain circumstances, a spark may be created when the adapter is plugged into the power outlet, or when the handset is replaced in its cradle. This is a common event associated with the closing of any electrical circuit. The user should not plug the phone into a power outlet, and should not put a charged handset into the cradle, if the phone is located in an environment containing concentrations of flammable or flame-supporting gases, unless there is adequate ventilation. A spark in such an environment could create a fire or explosion. Such environments might include: medical use of oxygen without adequate ventilation; industrial gases (cleaning solvents; gasoline vapors; etc.); a leak of natural gas; etc.
16. Only put the handset of your telephone next to your ear when it is in normal talk mode.
17. 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.

## SAVE THESE INSTRUCTIONS

### Battery

- CAUTION: Use Only Supplied Battery.
- Do not dispose of the battery in a fire. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery. 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.
- Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

### Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

#### Pacemaker patients

- Should keep wireless telephones at least six inches from the pacemaker.
- Should NOT place wireless telephones directly over the pacemaker, such as in a breast pocket, when it is turned ON.
- Should use the wireless telephone at the ear opposite the pacemaker. WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless telephones.

### About cordless telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless handset by radio waves, so there is a possibility that the cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- **Electrical power:** The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. Calls cannot be made from the cordless handset if the telephone base is unplugged, switched off or if the electrical power is interrupted.
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to televisions and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR often reduces or eliminates the interference.

- **Rechargeable batteries:** Exercise care in handling batteries in order not to create a short circuit with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture the battery. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

## Operating range

This cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance - which can vary with the locations of the telephone base and handset, the weather, and the layout of your home or office.

When the handset is out of range, the handset displays **OUT OF RANGE OR NO PWR AT BASE**.

If there is a call while the handset is out of range, it may not ring, or if it does ring, the call may not connect well when you press TALK /FLASH. Move closer to the telephone base, then press TALK /FLASH to answer the call.

If the handset moves out of range during a telephone conversation, there may be interference. To improve reception, move closer to the telephone base.

## Maintenance

### Taking care of your telephone

Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

### Avoid rough treatment

Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

### Avoid water

Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

### Electrical storms

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electrical appliances during storms.

### Cleaning your telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in the water. If the telephone base should fall into the water, **DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORD FROM THE WALL**. Then remove the telephone by the unplugged cords.

## The RBRC® seal



The RBRC® seal on the nickel-metal hydride battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-metal hydride batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® 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.

**RBRC® and 1 (800) 8 BATTERY® are registered trademarks of Rechargeable Battery Recycling Corporation.**

# FCC, ACTA 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.

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. Privacy of communications may not be ensured when using this telephone.

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 handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands 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).

## FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US: AAAEQ##TXXXX. This identifier must be provided to your telephone service provider upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See the installation instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your telephone service provider.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone service provider or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited warranty.

If this equipment is causing harm to the telephone network, the telephone service provider may temporarily discontinue your telephone service. The telephone service provider is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone service provider is required to inform you of your right to file a complaint with the FCC. Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone service provider is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

- Remain on the line and briefly explain the reason for the call before hanging up.
- Perform such activities in off-peak hours, such as early morning or late evening.

## Industry Canada

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.

Privacy of communications may not be ensured when using this phone.

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

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

## For C-UL compliance only

### Mesures de sécurité importantes

Afin de réduire les risques d'incendie, de blessures corporelles ou d'électrocution, suivez toujours ces mesures préventives de base lorsque vous utilisez votre téléphone :

1. Lisez et comprenez bien toutes les instructions.
2. Observez toutes les instructions et mises en garde inscrites sur l'appareil.
3. Débranchez ce téléphone de la prise murale avant de le nettoyer. N'utilisez pas de nettoyeurs liquides ni en aérosol. N'utilisez qu'un chiffon doux et légèrement humecté.
4. 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.
5. Ne déposez pas ce téléphone sur un chariot, support ou table chancelants. L'appareil pourrait tomber et être sérieusement endommagé.
6. Évitez d'installer le système téléphonique 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 téléphone contre les sources d'humidité, la poussière, les vapeurs et les liquides corrosifs.
7. 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.
8. 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.
9. Ne déposez rien sur le cordon d'alimentation. Installez cet appareil dans un endroit sécuritaire, là où personne ne pourra trébucher sur la ligne d'alimentation ni le cordon téléphonique modulaire.
10. 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.
11. 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.
12. Ne surchargez pas les prises de courant et les rallonges.
13. 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 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 et que le socle et/ou le combiné a été endommagé.
  - Si le produit affiche une nette diminution de sa performance.
14. Évitez d'utiliser un téléphone (autre qu'un sans fil) pendant un orage. Les éclairs peuvent être à l'origine d'une électrocution.
15. N'utilisez pas le téléphone pour rapporter une fuite de gaz à proximité de la fuite. En certaines circonstances, une flammèche pourrait être provoquée lorsque l'adaptateur est branché à une prise de courant, ou lorsque le combiné est déposé sur le socle. Ceci est un événement commun associé à la fermeture d'un circuit électrique. L'utilisateur ne devrait pas brancher le téléphone à une prise de courant, et ne devrait pas déposer le combiné chargé sur le socle, si le téléphone se trouve à proximité d'un endroit comportant des concentrations de gaz inflammables, à moins que la ventilation soit adéquate. Une flammèche dans un tel endroit pourrait provoquer un incendie ou une explosion. De tels environnements peuvent comprendre: des endroits où l'on utilise de l'oxygène médical sans ventilation adéquate; des gaz industriels (dissolvants de nettoyage, des vapeurs d'essence, etc.); une fuite de gaz naturel, etc.
16. Ne placez que le combiné de votre téléphone près de votre oreille lorsqu'en mode de conversation.
17. Ces adaptateurs ont été conçus pour être orientés en position verticale ou montés au sol. Les broches ne sont pas conçues pour maintenir l'adaptateur en place si celui-ci est branché dans une prise au plafond ou sous une table/ armoire.

### CONSERVEZ CES INSTRUCTIONS

#### Pile

- MISE EN GARDE : N'utilisez que la pile incluse.
- Ne jetez pas la pile au feu. Vérifiez les instructions spécifiques de mise aux rebus auprès des autorités locales.
- N'ouvrez pas et ne mutilez 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.
- Rechargez la pile incluse ou identifiée pour fonctionner avec cet appareil, selon les instructions et limites spécifiées dans ce guide d'utilisation.

#### 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

- Ils doivent tenir le téléphone sans fil à une distance d'au moins six pouces du stimulateur cardiaque.
- Ils ne doivent PAS placer le téléphone sans fil directement sur le stimulateur cardiaque, tel que dans une poche de chemise, lorsque celui-ci est en marche.
- Ils doivent utiliser le téléphone sans fil en l'appuyant sur l'oreille qui se trouve dans la direction opposée au stimulateur cardiaque.

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.

## À propos des téléphones sans fil

- **Confidentialité** : Les mêmes caractéristiques qui constituent des avantages pour les téléphones sans fil affichent également des restrictions. Les appels téléphoniques sont transmis entre le combiné sans fil et le socle par le biais d'ondes radio ; il y a donc la possibilité que vos conversations téléphoniques sans fil soient interceptées par des équipements de réception radio se trouvant dans la portée du combiné sans fil. Pour cette raison, vous ne devez pas percevoir les communications téléphoniques sans fil comme étant aussi confidentielles que celles des téléphones à cordons.
- **Alimentation électrique** : Le socle de ce téléphone sans fil doit être branché à une prise électrique fonctionnelle. La prise électrique ne doit pas être contrôlée par un interrupteur mural. Les appels ne pourront pas être effectués du combiné sans fil si le socle est débranché ou mis hors tension ou si le courant est coupé.
- **Possibilité d'interférences aux téléviseurs** : Certains téléphones sans fil fonctionnent sur des fréquences pouvant causer des interférences aux téléviseurs et aux magnétoscopes. Pour réduire ou prévenir de telles interférences, ne placez pas le socle du téléphone sans fil près ou sur un téléviseur ou magnétoscope. S'il y a présence de parasites, il est conseillé d'éloigner le téléphone sans fil du téléviseur ou du magnétoscope afin de réduire possiblement les interférences.
- **Piles rechargeables** : Manipulez les piles avec soin afin de ne pas les court-circuiter avec des bagues, bracelets ou clés. Les piles ou le conducteur peut surchauffer et causer des blessures. Respectez la polarité adéquate entre la pile et le chargeur.
- **Les bloc-piles rechargeables à l'hydrure métallique de nickel** : Jetez ces blocs-piles de manière écologique et sécuritaire. Ne les incinère pas et ne les percez pas. Tel que les autres piles de ce type, elles pourraient dégager une matière toxique qui peut causer des blessures corporelles si elles sont brûlées ou percées.

## 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:

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 [www.vtechphones.com](http://www.vtechphones.com) or call 1 (800) 595-9511. In Canada, go to [www.vtechcanada.com](http://www.vtechcanada.com) 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 repaired or 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. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

### 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.**

### Technical specifications

Transmit frequency	Handset: 1921.536-1928.448 MHz Telephone base: 1921.536-1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environment conditions at the time of use.
Power requirements	Handset: 2.4V Ni-MH battery Telephone base: 6V AC @ 300mA Charger: 6V AC @ 300mA
Memory	Handset directory: 50 memory locations; up to 30 digits and 15 characters Handset call log: 50 memory locations; up to 24 digits and 15 characters



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And your life.

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