Register online to get an additional 3-month warranty!
Go to www.vtechphones.com to register your product for enhanced warranty support and latest VTech product news.

The ENERGY STAR® program (www.energystar.gov) recognizes and encourages the use of products that save energy and help protect our environment. We are proud to mark this product with the ENERGY STAR® label indicating it meets the latest energy efficiency guidelines.

Telephones identified with this logo have reduced noise and interference when used with most T-coil equipped hearing aids and cochlear implants. The TIA-1083 Compliant Logo is a trademark of the Telecommunications Industry Association. Used under license.

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.
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.

- Use only the power adapter and battery supplied with this product. To order a replacement, 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 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.

- 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).

- 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.
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.

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Table: Battery indicators

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

---

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

**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.

**MUTE/DELETE**
Mute the microphone during a call. Delete digits or characters while using the dialing keys. Silence the ringer temporarily while the handset is ringing. Delete the displayed entry while in the directory, call log or redial list.

**FLASH**
Make or answer a call. Answer another incoming call during a call.

**TONE**
Switch to tone dialing temporarily during a call.

**REDIAL/PAUSE**
Press repeatedly to review the redial list. Press and hold to insert a dialing pause while entering numbers in the directory.

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

**#** (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).

**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.

**MENU/SELECT**
Show the menu. While in a menu, press to select an item, or save an entry or setting.

**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 dialing keys. Silence the ringer temporarily while the handset is ringing. Delete the displayed entry while in the directory, call log or redial list.

**FLASH**
Make or answer a call. Answer another incoming call during a call.

**TONE**
Switch to tone dialing temporarily during a call.

**REDIAL/PAUSE**
Press repeatedly to review the redial list. Press and hold to insert a dialing pause while entering numbers in the directory.

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

**#** (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).

**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.

**MENU/SELECT**
Show the menu. While in a menu, press to select an item, or save an entry or setting.

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 (*).

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

- 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-**
- Predial by first dialing the telephone number and then press **/FLASH** or ◊.

#### Answer a call
- Press **/FLASH**, ◊ or any dialing key (0-9, TONE 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.

- 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 \( \text{FLASH} \) to put the current call on hold and take the new call.
- Press \( \text{FLASH} \) 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 \( \text{OFF/CANCEL} \) or \( \text{MUTE/DELETE} \) on the handset. \( \text{RINGER MUTED} \) 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 \( \text{TONE} \).
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 \( \text{FIND HANDSET} \) on the telephone base once and then release. All idle handsets ring and their screens show ** PAGING **.

To end paging:
- Press \( \text{FIND HANDSET} \) again on the telephone base once and then release.
- Press \( \text{FLASH}, \text{#} \) or any dialing key (0-9, \( \text{TONE} \) or #) on the handset.
- Place the handset in the telephone base or charger.

**Note:** Do not press and hold \( \text{FIND HANDSET} \) for more than four seconds. It may lead to handset deregistration. If \( 1. \text{PRESS FIND HS ON BASE 4 SEC and 2. THEN PRESS # ON HANDSET} \) 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 \( \text{REDIAL/PAUSE} \) when the handset is not in use.
2. Press \( \text{#} \) or \( \text{REDIAL/PAUSE} \) repeatedly until the desired entry displays.
3. Press \( \text{FLASH} \) to dial.

To delete a redial entry:
When the desired redial entry displays, press \( \text{MUTE/DELETE} \).

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 \( \text{FLASH} \) or \( \text{#} \) on another handset to join the call.
- Press \( \text{OFF/CANCEL} \) to exit the call. The call continues until all handsets hang up.

Intercom
Use the intercom features for conversations between two handsets.

1. Press \( \text{INT} \) 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 \( \text{FLASH}, \text{#}, \text{INT} \) or any dialing key (0-9, \( \text{TONE} \), #) on the destination handset.
3. To end an intercom call, press \( \text{OFF/CANCEL} \) 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 ✐/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 ✐/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 ✐/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 /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 /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.
If you have difficulty with your telephone, please try the suggestions below. For customer service, 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.

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 the LOW BATTERY appears on the screen.
- Make sure the power adapter and telephone line cord are plugged in correctly and securely.
- Make sure the battery is installed and charged correctly. For optimum daily performance, return the handset to the telephone base after use.

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 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.

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.
- 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.

Troubleshooting possible from these types of electronic devices or local telephone service. Contact your telephone service provider (charges may apply). 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.

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- 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.

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- 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.
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- 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.

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.
• 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.
• Caller ID information does not appear on the handset screen, then your telephone has received a voice message.
• 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 service provider, 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 line cord 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.
  • Make sure the telephone line cord is plugged in securely.
  • If you subscribe to high-speed Internet service (DSL - digital subscriber line) through your telephone service provider, 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.
• Move the telephone line cord line to another electrical outlet.

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 show 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.
4. Use only attachments and accessories recommended by the manufacturer.
5. 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.
6. Do not place this product on an unstable table, shelf, stand, or other unstable surfaces.
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 sofa, bed 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. The power Earth terminal, which is indicated 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. Do not overload wall outlets and extension cords.
11. 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 into 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.

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 pack. 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; such a short could increase the temperature of the batteries and lead to the formation of small quantities of gas. In most cases, these quantities are insufficient to cause problems. However, in some instances, the formation of a large quantity of gas could cause the battery pack to胀气. Do not dispose of a胀气, leaky, or damaged battery pack in fire as it may explode.
- Charge the battery provided with or identified for use with this product only in accordance with 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 led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers.
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 \( \text{FLASH} \). Move closer to the telephone base, then press \( \text{FLASH} \) 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.

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.

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.
This product meets the applicable Industry Canada technical specifications. The Ringer Equivalence Number (REN) for this terminal equipment is 0. This equipment complies with the term “IC” before the certification/registration number only signifies that the Industry Canada has tested and found to comply with the Canada Interference-Causing Equipment Regulations. The Privacy of communications may not be ensured when using this phone. If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem is 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 warranty. This product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., 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. This 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.

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 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.

Privacy of communications may not be ensured when using this phone. If this product is equipped with a corded or cordless handset, it is hearing aid compatible. 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.

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 if such changes are planned. The telephone service provider is required to notify you if such changes are planned. In the event of a change 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 you have questions about what will disable alarm equipment, consult your telephone service provider or a qualified installer.

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.
L'étude effectuée par l'organisme WRS n'a pas identifié de risque pour les détenteurs de

Avis aux détenteurs de stimulateurs cardiaques

• médecins :
indépendante, a mené une évaluation pluridisciplinaire des interférences entre les téléphones

L'organisme 'Wireless Technology Research, LLC (WTR)', une firme de recherche

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

Stimulateurs cardiaques implantés dans l'organisme

• Piles

Rechargez la pile incluse ou identifiée pour fonctionner avec cet appareil, selon les

MISE EN GARDE : N'utilisez que la pile incluse.

CONSERVEZ CES INSTRUCTIONS

Pile

• MISE EN GARDE : N'utilisez que la pile incluse.

Pile

• N'ouvez pas et ne mutitez pas la pile. L'électrolyte qui s'en échapperait est corrosif et

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.

Simulateurs 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'étude effectuée par l'organisme WRS, une firme de recherche indépendante, un groupe de chercheurs et des médecins :

Avis aux détenteurs de simulateurs cardiaques

• Ils doivent tenir le téléphone sans fil à une distance d'au moins six pouces du stimulateur cardiaque.

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 lors de l'utilisation de l'appareil :

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

4. N'utilisez pas ce téléphone près de l'eau, par exemple à proximité d'un bain, d'un lavabo, d'une vierge de

5. Ne déposez pas ce téléphone sur un chariot, support ou table chancelants. L'appareil pourrait tomber et être sérieusement endommagé.

6. 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

7. Ne déposez rien sur le cordon d'alimentation. Installez cet appareil dans un endroit
sécurité, là personne ne pourra trébucher sur la ligne d'alimentation ni le cordon
téléphonique modulaire.

8. 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

9. Afin de réduire les risques d'électrocution, ne démontez pas l'appareil, mais apportez-le
plutôt à l'atelier de service qualifié s'il doit être réparé. En enlevant le couvercle, 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.

10. Ne surchargez pas les prises de courant et les rallonges.

11. 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. Règles uniquement les commandes indiquées dans les les instructions
de fonctionnement. Les réglages incorrects des autres commandes pourrait 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.

12. Evitez d'utiliser un téléphone (autre qu'un sans fil) pendant un orage. Les éclairs peuvent
être à l'origine d'une électrocution.

13. N'utilisez pas le téléphone pour rapporter une fuite de gaz à proximité de la fuite. En
certaines circonstances, une flamme 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.

14. Ne placez que le combiné de votre téléphone près de votre oreille lorsqu'en mode de
conversation.

15. 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 barnché dans
une prise au plafond ou sous une table/ armoire.

16. Débranchez cet appareil de la prise murale lorsque vous ne le utilisez pas. Débranchez l'appareil avant de procéder au nettoyage. Utilisez un chiffon
humide et doux.

17. Placez que le combiné de votre téléphone près de votre oreille lorsqu'en mode de
conversation.

18. Ne surchargez pas les prises de courant et les rallonges.

19. N'utilisez pas le téléphone sans fil à proximité de ceux-ci.
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:

What does this limited warranty not cover?

VTech provides no other warranties, express or implied, 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.

What does the limited warranty period cover?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. 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 will warrant the replacement for the time remaining on the original one-year warranty; whichever is longer.

How long is the limited warranty period?

The limited warranty period for the Product is ONE (1) YEAR from the date of purchase.

How to obtain warranty service?

To obtain warranty service in the United States of America or Canada, please visit www.vtechphones.com or call (800) 267-7377.

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

When you return the Product to us for warranty service, you must:

1. Provide your name, complete and correct mailing address, and telephone number.

2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased 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.

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:
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

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