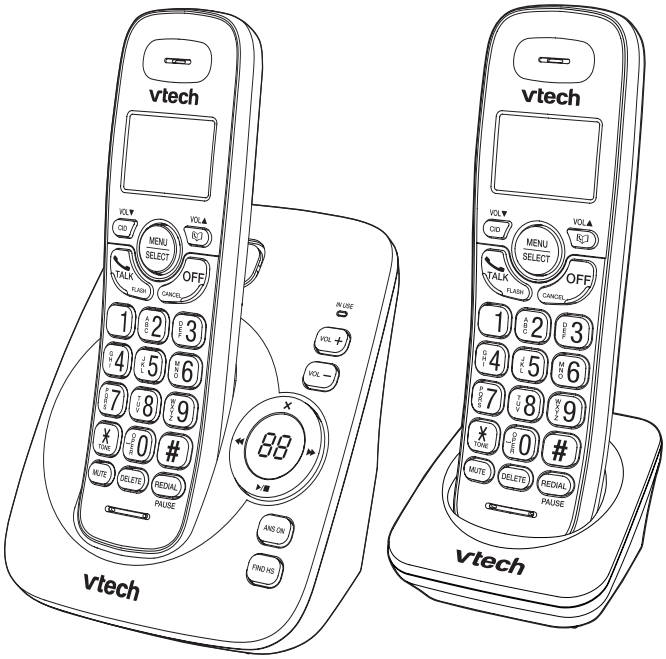
Go to **www.vtechphones.com (US)** to register your product for enhanced warranty support and the latest VTech product news.

Go to **phones.vtechcanada.com (Canada)** for the latest VTech product news.

CS6224
CS6224-11
CS6224-2
CS6224-21

DECT 6.0 cordless telephone

BC



vtech®

User's manual

Congratulations

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

This manual has all the feature operations and troubleshooting necessary to install and operate your new VTech telephone. Please review this manual thoroughly to ensure proper installation and operation of this innovative and feature rich VTech product.

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

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.

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. **CAUTION**: Do not install the telephone base at a height above 2 meters.
5. Do not use this product near water such as near a bath tub, wash bowl, kitchen sink, laundry tub or a swimming pool, or in a wet basement or shower.
6. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
7. 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.
8. 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.
9. 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.

10. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
11. 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.
12. 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.
13. Do not overload wall outlets and extension cords.
14. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
    - When the power supply cord or plug is damaged or frayed.
    - If liquid has been spilled onto the product.
    - If the product has been exposed to rain or water.
    - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
    - If the product has been dropped and the telephone base and/or handset has been damaged.
    - If the product exhibits a distinct change in performance.
15. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
16. 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.
17. Only put the handset of your telephone next to your ear when it is in normal talk mode.
18. 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.
19. For pluggable equipment, the socket outlet shall be installed near the equipment and shall be easily accessible.

20. ⚠ 📖 Use only the batteries indicated in this manual. There may be a risk of explosion if a wrong type of battery is used for the handset. Use only the supplied rechargeable batteries or replacement batteries (BT162342/BT262342) for the handset. Do not dispose of batteries in a fire. They may explode.
21. Use only the adapter included with this product. Incorrect adapter polarity or voltage can seriously damage the product.

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 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.

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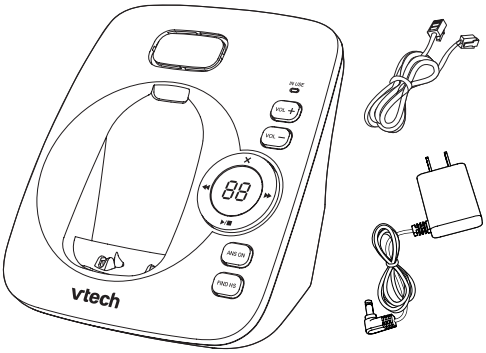
What's in the box

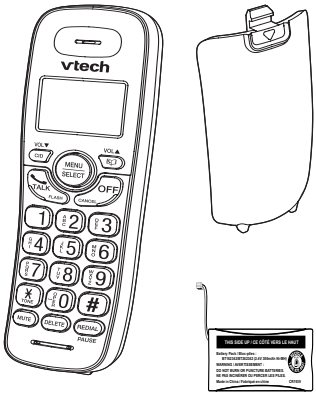
Your telephone package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.

NOTE

- To purchase a replacement battery or power adapter, visit our website at **www.vtechphones.com** or call **1 (800) 595-9511**. In Canada, go to **phones.vtechcanada.com** or call **1 (800) 267-7377**.



1 set for CS6224/CS6224-2/
CS6224-11/CS6224-21



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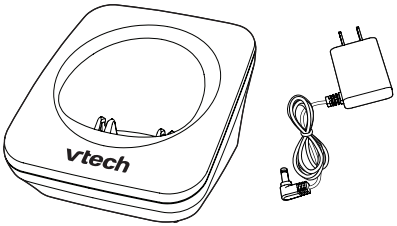

1 set for CS6224-2/CS6224-21

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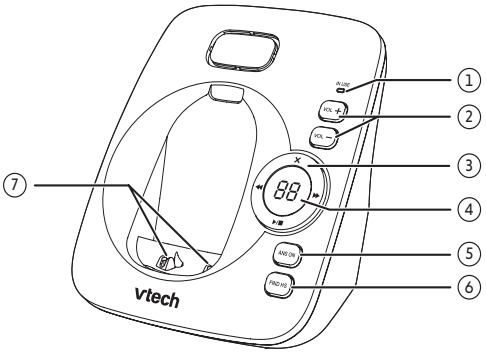
1 set for CS6224/CS6224-2/
CS6224-11/CS6224-21

Overview

Telephone base overview



1 – IN USE light
- Flashes when there is an incoming call, or another telephone sharing the same line is in use.
- On when the telephone is in use, or the answering system is answering a call.

2 – VOL+/VOL-
- Adjust the listening volume.
- Adjust the telephone base ringer volume.

3 – X/DELETE
- Delete the playing message.
- Press twice to delete all old messages.

– ⏭/SKIP
- Skip to the next message.

– ⏯/PLAY/STOP
- Play messages.
- Stop playing messages.

– ⏮/REPEAT
- Repeat a message.
- Press twice to play the previous message.

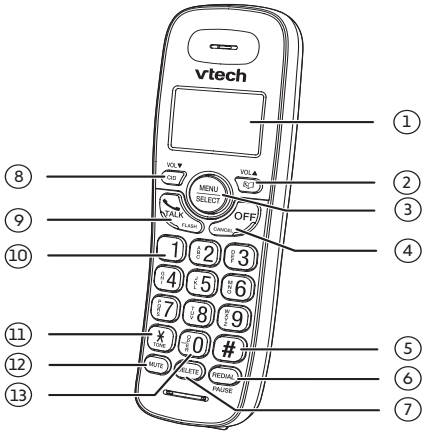
4 – Message window

5 – ANS ON
- Turn on or off the answering system.

6 – 🔦/FIND HS/FIND HANDSET
- Page all system handsets.

7 – Charging pole

Handset overview



1 – LCD display

2 – VOL▲/📖
- Review the directory when the phone is not in use.
- Scroll up while in a menu, or in the directory, caller ID log or redial list.
- Move the cursor to the right when entering numbers or names.
- Increase the listening volume during a call or message playback.

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

4 – OFF/CANCEL
- Hang up a call.
- Return to the previous menu or idle mode without making changes.
- Delete digits while predialing.
- Silence the handset ringer temporarily while the phone is ringing.
- Erase the missed call indicator while the handset is not in use.

5 – #
- Show other dialing options when reviewing a caller ID log entry.

6 – REDIAL/PAUSE

- Review the redial list.
- Insert a dialing pause while dialing or entering numbers into the directory.

7 – DELETE

- Delete the displayed entry while reviewing the directory, caller ID log or redial list.
- Delete digits or characters when entering numbers or names.

8 – VOL▼/CID

- Review the caller ID log when the telephone is not in use.
- Scroll down while in a menu, or in the directory, caller ID log or redial list.
- Move the cursor to the left when entering numbers or names.
- Decrease the listening volume during a call or message playback.

9 – TALK/FLASH

- Make or answer a call.
- Answer an incoming call when you receive a call waiting alert.

10 – 1

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

11 – TONE✳

- Switch to tone dialing temporarily during a call.

12 – MUTE

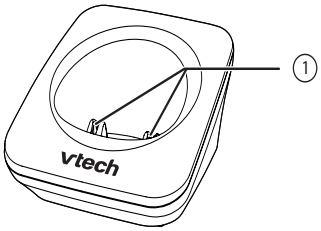
- Mute the microphone during a call.
- Silence the handset ringer temporarily while the phone is ringing.

13 – 0/OPER/␣

- Enter space character during text editing.

Charger overview

1 – Charging pole



Display icons overview

	The battery icon flashes when the battery is low and needs charging.
	The battery icon animates when the battery is charging.
	The battery icon becomes solid when the battery is fully charged.
	There are new messages on the built-in answering system.
VM	There are new voicemail received from your telephone service provider.
NEW	There are new caller ID log entries.
ANS ON	The answering system is turned on.
MSG # 1	The message number currently playing.

Telephone base lights overview

IN USE	• On when the telephone line is in use. • On when the answering system is answering a call. • Flashes quickly when there is an incoming call. • Flashes when another telephone sharing the same line is in use.
⏻/ANS ON/ OFF	On when the answering system is turned on.

Connect

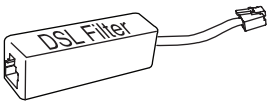
You can choose to connect the telephone base for desktop usage or wall mounting.

NOTES

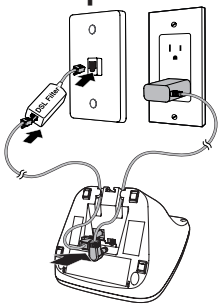
- Use only the adapters provided.
- Make sure the electrical outlets are not controlled by wall switches.
- The adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

TIP

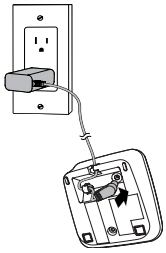
- If you subscribe to digital subscriber line (DSL) high-speed Internet service through your telephone line, make sure you install a **DSL filter** (not included) between the telephone line cord and telephone wall jack. Contact your DSL service provider for more information.



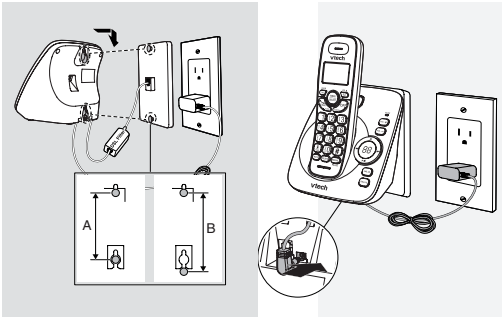
Connect the telephone base



Connect the charger



Mount the telephone base



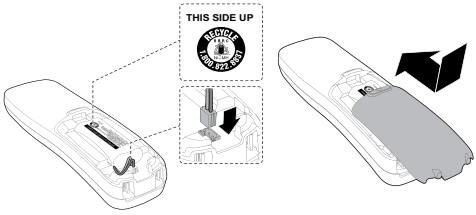
Install and charge the battery

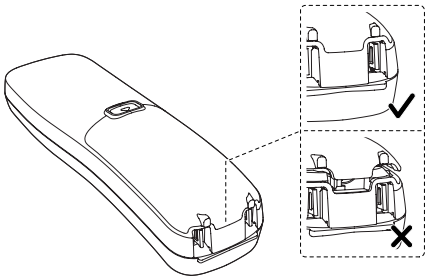
Install the battery

Install the battery as shown below.

NOTES

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

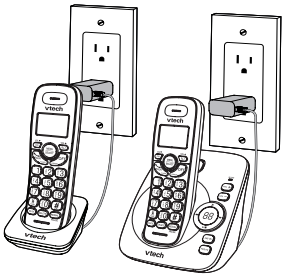




Charge the battery

Place the handset in the telephone base or the charger to charge.

Once you have installed the battery, the handset LCD display indicates the battery status (see the following table).



NOTES

- For best performance, keep the handset in the telephone base or charger when not in use.
- The battery is fully charged after 16 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 displays **Put in charger** and ⍾ flashes.	The battery has no or very little charge. The handset cannot be used.	Charge without interruption (at least 30 minutes).
The screen displays **Low battery** and ⍾ flashes.	The battery has enough charge to be used for a short time.	Charge without interruption (about 30 minutes).
The screen displays **HANDSET X**.	The battery is charged.	To keep the battery charged, place it in the telephone base or charger when not in use.

When the battery is fully charged, you can expect the following performance:

Operation	Operating time
While in use (talking*)	Seven hours
While not in use (standby**)	Five days

* Operating times vary depending on your actual use and the age of the battery.

** Handset is not charging nor in use.

Before use

After you install your telephone or power returns following a power outage, the handset will prompt you to set the date and time.

Set date and time

NOTE

- Make sure you set the date and time including the year correctly; otherwise the answering system does not announce the correct day of the week for your recorded messages time stamp.

1. Use the dialing keys (**0-9**) to enter the month (**MM**), date (**DD**) and year (**YY**). Then press **SELECT**.
2. Use the dialing keys (**0-9**) to enter the hour (**HH**) and minute (**MM**). Then press ▼ or ▲ to choose **AM** or **PM**.
3. Press **SELECT** to save.

Check for dial tone

Press TALK. If you hear a dial tone, the installation is successful.

If you do not hear a dial tone:

- Make sure the installation procedures described above are properly done.
- It may be a wiring problem. If you have changed your telephone service to digital service from a cable company or a VoIP service provider, the telephone line may need to be rewired to allow all existing telephone jacks to work. Contact your cable/VoIP service provider for more information.

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. Move closer to the telephone base, then press TALK 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.

Configure your telephone

Use the handset menu

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ until the screen displays the desired feature menu.
3. Press **SELECT**.

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

Set language

The LCD language is preset to English. You can select English, French or Spanish to be used in all screen displays.

1. Press **MENU** when the handset is not in use.
2. Press ▼ or ▲ to choose **Settings** and then press **SELECT** twice.
3. Press ▼ or ▲ to choose **English**, **Français** or **Español**.
4. Press **SELECT** twice to save your setting. You hear a confirmation tone.

Set date and time

NOTE

- Make sure you set the date and time including the year correctly; otherwise the answering system does not announce the correct day of the week for your recorded messages time stamp.

1. Press **MENU** on the handset when not in use.
2. Press ▼ or ▲ to choose **Set date/time** and then press **SELECT**.
3. Use the dialing keys (**0-9**) to enter the month (**MM**), date (**DD**) and year (**YY**). Then press **SELECT**.
4. Use the dialing keys (**0-9**) to enter the hour (**HH**) and minute (**MM**). Then press ▼ or ▲ to choose **AM** or **PM**.
5. Press **SELECT** to save your setting. Your hear a confirmation tone.

Home area code

If you dial local calls using only seven digits (area code not required), you can program your home area code so that when you receive a call within your local area, the telephone number is automatically stored in the caller ID log without the area code.

1. Press **MENU** when the handset is not in use.
2. Press ▼ or ▲ to choose **Settings** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Home area code**, and then press **SELECT**. The screen displays the currently stored home area code.
4. Use the dialing keys (**0-9**) to enter the desired home area code.
   - Press **DELETE** to delete a digit.
   - Press and hold **DELETE** to delete all digits.
5. Press **SELECT** to confirm. You hear a confirmation tone.

NOTE

- If, in the future, your telephone service provider requires you to dial the area code when making a local call, or, if you move to a location that requires it, delete the home area code you have already programmed following the steps above. After you have deleted the home area code, ___ appears.

Dial mode

The dial mode is preset to touch-tone dialing. If you have pulse (rotary) service, you need to change the dial mode to pulse dialing before using the telephone.

1. Press **MENU** when the handset is not in use.
2. Press ▼ or ▲ to choose **Settings**, and then press **SELECT**.
3. Press ▼ or ▲ to choose **Dial mode**,

then press **SELECT**.

4. Press ▼ or ▲ to choose **Touch-tone** or **Pulse**, then press **SELECT** to confirm your selection. You hear a confirmation tone.

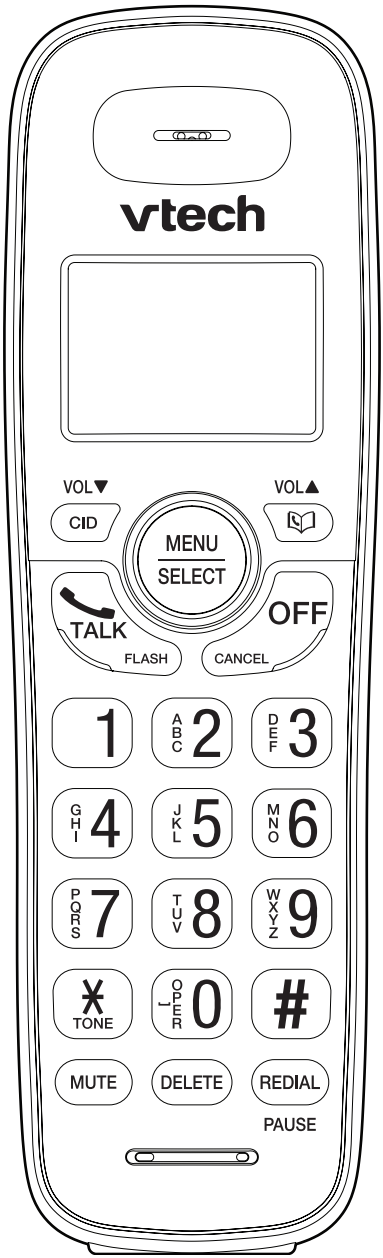
Temporary tone dialing

If you have pulse (rotary) service only, you can switch from pulse to touch-tone dialing temporarily during a call. This is useful if you need to send touch-tone signals to access your telephone banking or long distance services.

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

Telephone operations

Handset control key panel:



Make a call

- Press TALK, and then dial the telephone number.

NOTES

- The screen shows the elapsed time as you talk (in hours, minutes and seconds).
- If the handset is moved out of range while on a call, it will beep three times.

Predial a call

- Enter the telephone number using the dialing keys (**0-9**), then press TALK to dial.

NOTE

- When predialing (preview numbers before dialing), press **DELETE** or **CANCEL** to backspace and delete; press and hold **PAUSE** to insert a dialing pause (a **P** appears).

Answer a call

- Press TALK or any of the dialing keys.

End a call:

- Press **OFF** or put the handset back in the telephone base or charger.

Volume

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

Mute

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

1. During a call, press **MUTE**. The handset displays **Muted**.
2. Press **MUTE** again to resume the conversation. The handset displays **Microphone on** briefly.

Join a call in progress (for multiple handset models only)

You can use three handsets at a time on an outside call.

- When a handset is already on a call, press TALK on another handset to join the call.
- To exit the call, press **OFF** on the handset or place it in the telephone base or charger. The call continues until all handsets hang up.

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 already on a 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.

If you also subscribe to caller ID service, it will let you see the name and telephone number of the caller during call waiting.

It may be necessary to change your telephone service to use this feature. Contact your telephone service provide if:

- You have both caller ID and call waiting, but as separate service (you may need to combine these service);
- You have only caller ID service, or only call waiting service; or
- You do not subscribe to caller ID or call waiting services.

There are fees for caller ID services. In addition, services may not be available in all areas.

Chain dialing

Use this feature to initiate a dialing sequence from numbers stored in the directory, caller ID log or redial while you are on a call.

Chain dialing can be useful if you wish to access other numbers (such as bank account numbers or access codes) from the directory, caller ID log or redial list.

To access a number in the directory while on a call:

1. Press **MENU/SELECT** twice to enter the directory.
2. Press ▼ or ▲ to scroll to the desired entry.
3. Press **SELECT** to dial the displayed number.

To access a number in the caller ID log while on a call:

1. Press **MENU** and then press ▼ or ▲ to select **Caller ID log**.
2. Press **SELECT** and then press ▼ or ▲ to scroll to the desired entry.
3. Press **SELECT** to dial the displayed number.

To access a number in the redial list while on a call:

1. Press **REDIAL**.
2. Press ▼, ▲ or **REDIAL** repeatedly to browse to the desired entry.
3. Press **SELECT** to dial the displayed number.

NOTES

- You cannot edit a directory entry while on a call. Refer to the **Directory** section for more details.
- You cannot copy a caller ID log entry into the directory while on a call. Refer to the **Caller ID log** section for more details.
- You cannot erase a redial entry while on a call. Refer to the **Redial list** section for more details.
- Press **CANCEL** to exit redial, directory or caller ID log when you are on a call.

Find handset

Use this feature to find the system handset.

To start paging:

- Press **/FIND HANDSET** on the telephone base when not in use. All idle handsets ring and display **** Paging ****.

To end paging:

- Press **/FIND HANDSET** at the telephone base.

-OR-

- Press TALK or any of the dialing keys on the handset.

NOTES

- Press **MUTE** to turn off the ringer of a handset temporarily. Paging tone continues on the other handset.
- Do not press and hold **/FIND HANDSET** for more than four seconds. It may lead to handset deregistration. If the handset displays **To register HS** and **See manual**, refer to the **Register a handset** section to register the handset back to the telephone base.

Redial list

Each handset stores the last five telephone numbers dialed. Entries are shown in reverse chronological order. When there are already five entries, the oldest entry is deleted to make room for the new entry.

Review a redial list entry

1. Press **REDIAL** when the handset is not in use.
2. Press ▼, ▲ or **REDIAL** repeatedly until the desired entry displays.

Dial a redial list entry

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

-OR-

1. Press TALK when the handset is not in use.
2. Press **REDIAL** and then press ▼, ▲ or **REDIAL** repeatedly until the desired entry displays.
3. Press **SELECT** to dial.

Delete a redial list entry

1. Press **REDIAL** when the handset is not in use.
2. Press ▼, ▲ or **REDIAL** repeatedly to browse to the desired entry.
3. Press **DELETE** to delete the displayed number. You hear a confirmation tone.

Directory

The directory can store up to 30 entries, which are shared by all handsets. Each entry may consist of a telephone number up to 30 digits, and a name up to 15 characters.

Each handset directory is independent (for multiple handset models only). Any additions, deletions or edits made on one handset are not reflected on other handsets.

If the telephone number in the directory exceeds 15 digits, a dash appears after the 14th digit and then the remaining digits are shown beginning with a dash, alternately.

Add a directory entry

1. Enter the number when the phone is not in use. Press **MENU**, then go to Step 3.
   -OR-
   Press **MENU** when the phone is not in use, then press ▼ or ▲ to scroll to **Directory**. Press **SELECT** twice to choose **Add contact**.
2. When **Enter number** displays, use the dialing keys to enter the number.
   -OR-
   Copy a number from the redial list by pressing **REDIAL** and then press ▼, ▲ or **REDIAL** repeatedly to select a number. Press **SELECT** to copy the number.
3. Press **SELECT** to move on to enter the name. The handset displays **Enter name**.
4. Use the dialing keys to enter the name. Additional key presses show other characters of that particular key. The first character of every word is capitalized.
5. Press **SELECT** to save. The handset displays **Saved** and then you hear a confirmation tone.

While entering names and numbers, you can:

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

Review a directory entry

Entries are sorted alphabetically.

1. Press 📖 when the phone is not in use.
2. Press ▼ or ▲ to browse through the directory, or use the dialing keys to start a name search.
   -OR-
1. Press **MENU** when the handset is not in use.
2. Press ▼ or ▲ to scroll to **Directory** then press **SELECT**.
3. Press ▼ or ▲ to scroll to **Review** and then press **SELECT**.
4. Press ▼ or ▲ to browse.

Alphabetical search

1. Follow the steps in **Review a directory entry** above to enter the directory.
2. Use the dialing keys to enter the letter associated with the name. For example, if you have entries for Jenny, Jessie, Kristen and Laura in your directory, press **5** (JKL) once to see Jenny (when **Jenny** displays, press ▼ to see Jessie), twice to see Kristen, or three times to see Laura. If there is no name entry matching your search, the next closest match in alphabetical order appears. If necessary, press ▼ or ▲ to browse.

Delete a directory entry

1. Search for the desired entry in the directory (see **Review a directory entry** or **Alphabetical search**).
2. When the desired entry appears, press **DELETE**. The handset displays **Delete contact?** and the number.
3. Press **SELECT** to confirm. The handset displays **Deleting ...** and then **Contact deleted**. You hear a confirmation tone.

Edit a directory entry

1. Search for the desired entry in the directory (see **Review a directory entry** or **Alphabetical search**).
2. When the desired entry appears, press **SELECT**. The handset displays **Edit number** and the stored number.
3. Use the dialing keys to edit the number, then press **SELECT**. The handset displays **Edit name** and then the stored name.
4. Use the dialing keys to enter the name. Additional key presses show other characters of that particular key. The first character of every word is capitalized.
5. Press **SELECT** to save. The handset displays **Saved** and then you hear a confirmation tone.

Dial a directory entry

1. Search for the desired entry in the directory (see **Review a directory entry** or **Alphabetical search**).
2. When the desired entry appears, press TALK to dial.

Caller ID

If you subscribe to caller ID service, information about each caller appears after the first or second ring. If you answer a call before the caller information appears on the screen, it will not be saved in the caller ID log.

The caller ID log stores up to 30 entries. Each entry has up to 24 digits for the phone number and 15 characters for the name.

If the telephone number has more that 15 digits, only the last 15 digits appear.
If the name has more than 15 characters, only the first 15 characters are shown and saved in the caller ID log.

Entries appear in reverse chronological order. When the caller ID log is full, the oldest entry is deleted to make room for new incoming call information.

Caller ID log entries are shared by all system handsets (for multiple handset models only). Any deletions made on one handset are reflected on all other handsets.

NOTE

- This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone service providers use compatible equipment. The time and date are sent by your telephone service provider along with the call information.

Review a caller ID log entry

1. Press **CID** when the phone is not in use.
2. Press ▼ or ▲ to browse through the caller ID log.

-OR-

1. Press **MENU** when the phone is not in use. Press ▼ or ▲ to select **Caller ID log**.
2. Press **SELECT** twice and then press ▼ or ▲ to browse.

NOTE

- You hear two beeps when you reach the beginning or end of the caller ID log.

Memory match

When the incoming telephone number matches the last seven digits of a telephone number in your directory, the screen displays the stored name of the directory entry.

For example, if Linda Jones calls, her name appears as **Linda** if this is how you entered it into your directory.

NOTE

- The number shown in the caller ID log is in the format sent by the telephone service provider. It usually delivers 10-digit telephone numbers (area code plus phone number). If the last seven digits of the incoming telephone number does not match a number in your directory, the name appears as it is delivered by the telephone service provider.

Missed call indicator

When there are calls that have not been reviewed in the caller ID log, the handset displays **XX missed calls**.

Each time you review a caller ID log entry marked ***NEW***, the number of missed calls decreases by one.

When you have reviewed all the missed calls, the missed call indicator no longer displays.

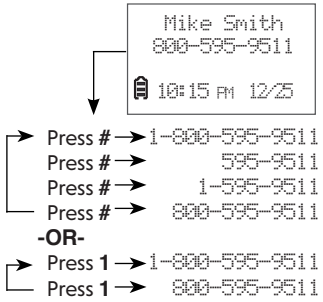
If you do not want to review the missed calls one by one, press and hold **CANCEL** on the idle handset to erase the missed call indicator. All the entries are then considered old.

View dialing options

Although the caller ID log entries received have 10 digits (the area code plus the seven-digit number), in some areas, you may dial only the seven digits, or a 1 plus the seven digits, or a 1 plus the area code plus the seven digits. You can change the number of digits that you dial from or store to the directory.

While reviewing the caller ID log, press **#** (pound key) repeatedly to show different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory.

Press **1** repeatedly if you need to add or remove 1 in front of the telephone number before dialing or saving it in the directory.



NOTE

- If you have programmed the home area code, only the last seven digits of the incoming phone numbers from that area code will be displayed while reviewing the caller ID log. Press **#** repeatedly to display all possible dialing options.

Dial a caller ID log entry

When the number is shown in the correct format for dialing, press TALK to dial.

Save a caller ID log entry to the directory

1. When in the caller ID log, press ▼ or ▲ to browse.
2. When the desired caller ID log entry displays, press **SELECT**. The handset displays **Edit number** and the stored number.
3. Use the dialing keys to modify the number, if necessary. Then press **SELECT**. The handset displays **Edit name** and then the stored name.
4. Use the dialing keys to modify the name, if necessary. Then press **SELECT**. The handset displays **Saved** and then you hear a confirmation tone.

While entering names and numbers, you can:

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

Delete the caller ID log entries

1. When in the caller ID log, press ▼ or ▲ to browse.
2. When the desired caller ID log entry displays, press **DELETE**. You hear a confirmation tone.

To delete all caller ID log entries:

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to select **Caller ID log** and then press **SELECT**.
3. Press ▼ or ▲ to select **Del all calls** then press **SELECT**.
4. The screen displays **Delete all?**. Press **SELECT** to confirm. The handset displays **Deleting...** and then you hear a confirmation tone.

Sound settings

Key tone

You can turn the key tone on or off.

1. Press **MENU** when the handset is not in use.
2. Press ▼ or ▲ to choose **Settings** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Key tone**, then press **SELECT**.
4. Press ▼ or ▲ to choose **On** or **Off**, then press **SELECT** to save. You hear a confirmation tone.

Ringer tone

You can choose from different ringer tones for each handset.

1. Press **MENU** when the handset is not in use.
2. Press ▼ or ▲ to choose **Ringers** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Ringer tone**, then press **SELECT**.
4. The screen displays **Tone:** with the current setting flashing. Press ▼ or ▲ to choose a ringer tone. A sample of each ringer tone plays as you scroll through the choices.
5. Press **SELECT** to save. You hear a confirmation tone.

NOTE

- If you turn off the ringer volume, you will not hear ringer tone samples.

Telephone base ringer volume

Press **▲/VOLUME** or **▼/VOLUME** on the telephone base to adjust the ringer volume when the telephone base is not in use.

When you set the ringer volume to zero, the base ringer is off. The telephone base announces, "*Base ringer is off.*"

Handset ringer volume

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

1. Press **MENU** when the handset is not in use.
2. Press ▼ or ▲ to choose **Ringers** and then press **SELECT** twice.
3. The screen displays **Volume:** with the current setting flashing. Press ▼ or ▲ to choose a volume level. A sample of each ringer volume plays as you scroll through the choices.
4. Press **SELECT** to save. You hear a confirmation tone.

NOTES

- If the ringer volume is set to **Off**, the idle screen displays **Ringer off**.
- When the ringer volume is set to **Off**, the handset still rings when you press **/FIND HANDSET** at the telephone base.

Temporary ringer silencing

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

To silence the handset ringer:

- Press **CANCEL** or **MUTE**. The handset displays **Ringer muted**.

To silence the telephone base ringer:

- Press **▼/VOLUME** once.

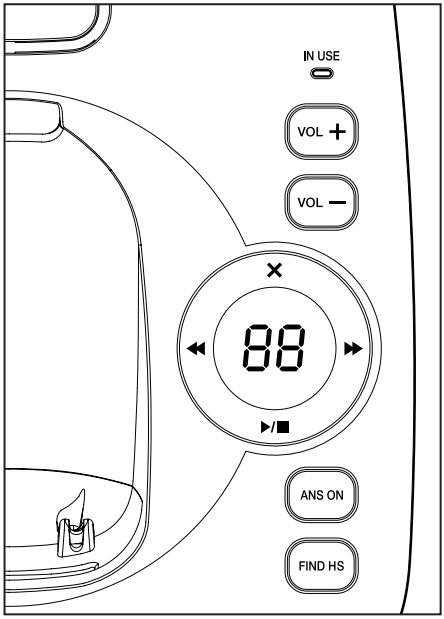
About the built-in answering system and voicemail service

For message recording, your telephone has a built-in answering system, and it also supports voicemail service offered by your telephone service provider (subscription is required, and fee may apply).

The main differences between them are:

Category	Built-in answering system	Voicemail from telephone service
Storage	Messages are stored in the telephone base.	Messages are stored in a server or system provided by your telephone service provider.
	Your messages will not be deleted automatically. You have to delete your messages manually.	Your messages may be automatically deleted after a period of time. Contact your telephone service provider for more details.
Method to retrieve messages	When you received new messages, the handset displays **XX new messages** and ⌾, and the message window on the telephone base flashes.	When you received new messages, the handset displays ✉ and **New voicemail**.
Method to retrieve messages	To retrieve messages, usually there are two ways: • Press ▶/■ on the telephone base; or • Access remotely with an access code.	To retrieve messages, you need an access number and/ or a passcode provided by your telephone service provider.

Telephone base control key panel:



Set your built-in answering system

The answering system can record and store up to 99 messages. Each message can be up to three minutes in length. The total storage capacity for the announcement, messages and memos is approximately 14 minutes. The actual recording time depends on individual message characteristics.

Your answering system allows you to set your announcement, to save and delete messages, activate call screening, to set number of rings before pick up, to access remotely, and to control the recording time.

Turn the answering system on or off

The answering system must be turned on to answer and record messages.

When the answering system is turned on, the **⏻/ANS ON/OFF** light on the telephone base turns on and **ANS ON** displays on the handset.

To turn on or off with the telephone base:

- Press **⏻/ANS ON/OFF** to turn the built-in answering system on or off. When the answering system is turned on, it announces, "*Calls will be answered.*" When the answering system is turned off, it announces, "*Calls will not be answered.*"

To turn on or off with the handset:

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Answer on/off** and then press **SELECT**.
4. Press ▼ or ▲ to choose **On** or **Off** and then press **SELECT** to save. You hear a confirmation tone.

Default announcement

The telephone is preset with a greeting that answers calls with "*Hello, please leave a message after the tone.*" You can use this preset announcement, or replace it with your own.

Record your own announcement

The announcement can be up to 90 seconds in length.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** then press **SELECT**.
3. Press **SELECT** to select **Announcement**.
4. The handset displays **Play [2] Del [3] Rec [7]** and it announces, "*To play, press 2. To record, press 7.*" Press **7** to record.
5. The handset displays **Record in 5 sec** (counting down) and it announces, "*Record after the tone. Press 5 when you are done.*" After the tone, speak towards the microphone of the handset.
6. The handset displays **Recording... Stop [5]**. Press **5** when finished.

NOTE

- Announcements shorter than two seconds will not be recorded.

Play the announcement

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** then press **SELECT**.
3. Press **SELECT** to select **Announcement**.
4. The handset displays **Play [2] Del [3] Rec [7]** and it announces, "*To play, press 2. To record, press 7.*" Press **2** to play the current announcement.

Options during playback:

- Press **VOL+** or **VOL-** to adjust the listening volume.
- Press **5** or **OFF** to stop at any time.

Delete the announcement

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** then press **SELECT**.
3. Press **SELECT** to select **Announcement**.
4. The handset displays **Play [2] Del [3] Rec [7]** and it announces, "*To play, press 2. To record, press 7.*" Press **3** to delete your own recorded announcement. The handset displays **Annc deleted** and it announces, "*Announcement deleted.*" You hear a confirmation tone.

NOTE

- After you deleted your own recorded announcement, the answering system answers calls with the default announcement.

Set number of rings

You can set the answering system to answer an incoming call after two, three, four, five or six rings; or toll saver.

If you choose toll saver, the answering system answers a call after two rings when you have new messages, or after four rings when you have no new messages. This enables you to check for new messages and avoid paying unnecessary long distance charges if you are calling from outside your local area.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Ans sys setup** and then press **SELECT**.
4. Press ▼ or ▲ to choose **# of rings** and then press **SELECT**.
5. Press ▼ or ▲ to choose **6**, **5**, **4**, **3**, **2** or **Toll saver** and then press **SELECT** to save. You hear a confirmation tone.

Set recording time

You can set the recording time for each incoming message.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Ans sys setup** and then press **SELECT**.
4. Press ▼ or ▲ to choose **Recording time** and then press **SELECT**.
5. Press ▼ or ▲ to choose **3 minutes**, **2 minutes** or **1 minute**, and then press **SELECT** to save. You hear a confirmation tone.

Turn the call screening on or off

You can hear incoming messages at the telephone base while they are being recorded.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Ans sys setup** and then press **SELECT**.
4. Press **SELECT** to select **Call screening**.
5. Press ▼ or ▲ to choose **On** or **Off**, and then press **SELECT** to save. You hear a confirmation tone.

Turn the message alert tone on or off

When the message alert tone is set to on, and there is at least one new message, the telephone base beeps every 10 seconds.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Ans sys setup** and then press **SELECT**.
4. Press ▼ or ▲ to choose **Msg alert tone**, and then press **SELECT**.
5. Press ▼ or ▲ to choose **On** or **Off**, and then press **SELECT** to save. You hear a confirmation tone.

NOTES

- The answering system must be turned on for the message alert tone to be functional.
- Press any key on the telephone base (except **/FIND HANDSET**) to temporarily silence the message alert tone.

Use your built-in answering system

New message indication

When there are new answering system messages, the handset displays **XX new messages** and ∞, and the message window on the telephone base flashes. When you are reviewing a new message, ***NEW*** and ∞ display on the handset.

Message window display	Description
0	No messages.
1–99	Total number of old messages and memos recorded. The message number currently playing.
0–99 (flashing)	Total number of new messages recorded, or the current message number during new message playback. The clock needs to be set.
1–99 & F (alternating)	The answering system memory is full with total number of messages recorded.
1–8	The telephone base speaker volume level while adjusting.
0–6	The telephone base ringer level while adjusting.
.....	The answering system is answering a call, or recording a memo or announcement. The handset is on a call, or in the caller ID log. The answering system is being accessed remotely.

If the message alert tone is turned on, the telephone base beeps every 10 seconds when there are messages that have not been reviewed.

Message playback

If you have new messages, the telephone plays only the new messages (oldest first). If there are no new messages, the telephone plays back all messages (oldest first).

When playback begins, you hear the total number of messages followed by the date and time of the message. After the last message, the telephone announces, "*End of messages.*"

NOTE

- Make sure you set the date and time correctly. Refer to **Set date and time** under the **Configure your telephone** section for more details.

To playback messages at the telephone base:

- Press ▶/■ when the phone is not in use. When you have no message in the answering system, the telephone base announces, "*You have no message.*"

Options during playback:

- Press **▼/VOLUME** or **▲/VOLUME** to adjust the listening volume.
- Press **⏲/SKIP** to skip to the next message.
- Press **⏲/REPEAT** to repeat the playing message. Press **⏲/REPEAT** twice to listen to the previous message.
- Press **X/DELETE** to delete the playing message. The telephone base announces, "*Message deleted,*" and then advances to the next message.
- Press **▶/■/STOP** to stop the playback.

To playback messages with a handset:

1. Press **MENU** when the telephone is not in use. The handset displays **Play messages**.
2. Press **SELECT**. When you have messages, the handset displays **Playing...** and then **Repeat [4] Del [3] Skip [6]** and it announces the total number of messages. When you have no message in the answering system, the handset displays **No messages** and it announces, "*You have no message.*"

Options during playback:

- Press **VOL-** or **VOL+** to adjust the listening volume.
- Press **6** to skip to the next message.
- Press **4** to repeat the playing message. Press **4** twice to listen to the previous message.
- Press **3** to delete the playing message. The handset announces, "*Message deleted,*" and then advances to the next message.
- Press **OFF** to stop the playback.

NOTES

- Only one handset or the telephone base can access the answering system at a time.
- During message playback, if there is an incoming call or another handset makes a call, message playback will be stopped.

Delete all messages

You can only delete old (reviewed) messages. You cannot delete new messages until you review them. You cannot retrieve deleted messages.

To delete all messages with the telephone base:

1. Press **X/DELETE** when the phone is not in use. The system announces, "*To delete all old messages, press DELETE again.*"
2. Press **X/DELETE** immediately. The system announces, "**All old messages deleted.**" If you do not have old messages, the system announces, "*You have no old message.*"

To delete all messages with a handset:

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Delete all old** and then press **SELECT**. The handset displays **Delete all msg?**. If you do not have old messages, the handset displays **No old messages**.
4. Press **SELECT** to confirm. The handset displays **Deleting ...** and then **No old messages**. You hear a confirmation tone.

Remote access

A two-digit security code is required to access the answering system remotely from any touch-tone telephone. The preset code is **19**. You can use this preset code, or set your own.

1. Dial your telephone number from any touch-tone telephone.
2. When the system plays your announcement, enter the two-digit security code.
3. Enter one of the following remote commands.

Command	Description
1	Play all messages.
2	Play only new messages.
3	Delete the current message (during playback).
33	Delete all old messages.
4	Repeat the current message (during playback).
5	Stop.
*5	Hear a list of remote commands.
6	Skip to the next message (during playback).
*7	Record a new announcement.
8	End the call.
0	Turn the answering system on or off.

4. Hang up or press **8** to end the call.

NOTES

- If you do not press any key after you enter the remote access code, all new messages play. If there are no new messages, all old messages play.
- Once the new messages have played, the telephone announces the help menu options. If you do not press any key within 20 seconds, the remote access call automatically disconnects.
- When the answering system is turned off, the telephone answers after 10 rings, and announces, "*Please enter your remote access code.*"
- When the memory is full, the answering system answers incoming calls after 10 rings and announces, "*Memory is full. Enter your remote access code.*"

Set your remote access code

You can set your own remote access code from **00** to **99**.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Ans sys setup** and then press **SELECT**.
4. Press ▼ or ▲ to choose **Remote code** and then press **SELECT**.
5. Press the dialing keys (**0-9**) to enter the code, or ▼ or ▲ to select from **00** to **99**, then press **SELECT** to save. You hear a confirmation tone.

Call screening

If the answering system and call screening are on, the announcement and the incoming message broadcast at the telephone base while the call is answered by the answering system.

Options while a message is being recorded:

- Press **▼/VOLUME** or **▲/VOLUME** to adjust the listening volume.
- Press **▶/■/STOP** to temporarily turn off the call screening.
- Press **▶/■/PLAY** or **▲/VOLUME** to temporarily turn on the call screening if it is set to off.

Call intercept

If you want to talk to the person whose message is being recorded, press TALK on the handset.

Record, play or delete memos

Memos are your own recorded messages used as reminders for yourself or others using the same answering system. You can record your own memos using a system handset. Playback and delete them in the same way as incoming messages.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Answering sys** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Record memo** and then press **SELECT**. The handset displays **Record in 5 sec** (counting down) and then **Recording... Stop [5]** and announces, "*Record after the tone. Press 5 when you are done.*"
4. Speak towards the handset microphone. Press **5** or **OFF** when you finish recording. The handset announces "*Recorded.*"

NOTES

- If you record a memo when the answering system memory is full, the system announces, "*Memory is full.*"
- Each memo can be up to three minutes in length. Memos shorter than two second are not recorded.
- When the answering system has less than three minutes of recording time left, the handset announces, "*Less than three minutes to record,*" and displays **Rec mem low**.

Use the built-in answering system and voicemail service

You can use your answering system and voicemail service together by setting your answering system to answer before voicemail service answers as described below. To learn how to program your voicemail settings, contact your telephone service provider.

If you are on a call, or if the answering system is busy recording a message and you receive another call, the second caller can leave a voicemail message.

Set your answering system to answer calls at least two rings earlier than your voicemail service is set to answer. For example, if your voicemail service answers after six rings, set your answering system to answer after four rings. Some voicemail service providers may program the delay before answering calls in seconds instead of rings. In this case, allow six seconds per ring when determining the appropriate setting.

Retrieve voicemail from telephone service

Voicemail is a feature available from most telephone service providers. It may be included with your telephone service, or may be optional. Fees may apply.

Retrieve voicemail

When you received a voicemail, the handset displays ✉ and **New voicemail**. To retrieve, you typically dial an access number provided by your telephone service provider, and then enter a security code. Contact your telephone service provider for instructions on how to configure the voicemail settings and listen to messages.

NOTE

- After you have listened to all new voicemail messages, the indicators on the handset turn off automatically.

Turn off the new voicemail indicators

If you have retrieved your voicemail while away from home, and the handset still displays the new voicemail indicators, use this feature to turn off the indicators.

NOTE

- This feature turns off the indicators only, it does not delete your voicemail messages.

1. Press **MENU** when the phone is not in use.
2. Press ▼ or ▲ to choose **Settings** and then press **SELECT**.
3. Press ▼ or ▲ to choose **Clr voicemail** and then press **SELECT**.
4. The screen displays **Reset VM Icon?**. Press **SELECT** to confirm. You hear a confirmation tone.

Register a handset

When your handset is deregistered from the telephone base, follow the steps below to register it back to the telephone base.

1. Remove the handset from the telephone base.
2. Press and hold **/FIND HANDSET** at the telephone base for about four seconds until the **IN USE** light turns on.
3. Then press **#** on the handset. It displays **Registering...**

The handset show **Registered** and you hear a beep when the registration process completes. The registration process takes about 60 seconds to complete.

Screen messages

Annc deleted	Your recorded announcement is deleted.
Call log empty	There are no caller ID log entries.
Directory empty	There are no directory entries.
Directory full	The directory is full.
Ended X:XX:XX	You have just ended a call.
Incoming call	There is an incoming call.
Line in use	A system handset is in use, or another telephone on the same line is in use.
LONG DISTANCE or L (before the caller's number)	It is a long distance call.
Low battery	The battery needs to be recharged.
Message deleted	The message in the answering system is deleted.
Microphone on	MUTE is turned off and the person on the other end can hear you.
Muted	You have turned off the handset microphone. The other party cannot hear you but you can hear the other party.
New voicemail	There are new voicemail message(s) from the telephone service provider.
No battery	No battery is installed. Follow the directions for battery installation on page 4 to install the battery before charging.
No line	There is no telephone line connected.
No messages	There are no messages in the answering system.
Not available	One handset is already reviewing the caller ID log and the other handset tries to review it.
Number repeated	The telephone number you enter is already stored in the directory.
Out of range or no pwr at base	The handset cannot communicate with the telephone base. Check the telephone base power connection or move the handset closer to the telephone base.
Phone X:XX:XX	The handset is on a call.
PRIVATE NAME	The caller is blocking the name information.
PRIVATE NUMBER	The caller is blocking the telephone number information.
PRIVATE CALLER	The caller is blocking the name and the telephone number information.
Put in charger	The battery is very low. Place the handset in the telephone base or charger for recharging.
Rec mem full	The answering system has no recording time left.
Rec mem low	The answering system has less than three minutes of recording time left.
Record in X sec	You can record your own announcement or memo after the tone is played.
Ringer muted	The handset ringer is muted temporarily during an incoming call.
Ringer off	The handset ringer is turned off.
Saved	Your selection has been saved.

Unable to call.	Failed phone call (the other handset is in use).
UNKNOWN NAME	This caller's name is unavailable.
UNKNOWN NUMBER	This caller's number is unavailable.
UNKNOWN CALLER	No caller information is available about this caller.
XX missed calls	There are calls that have not been reviewed in the caller ID log.
XX new messages	There are new messages in the answering system.
** Paging **	The system handsets are being paged.

General product care

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 dry non-abrasive cloth. Do not use dampened cloth or cleaning solvents of any kind.

Frequently asked questions

Below are the questions most frequently asked about the cordless telephone. If you cannot find the answer to your question, visit our website at **www.vtechphones.com** or call **1 (800) 595-9511** for customer service. In Canada, go to **phones.vtechcanada.com** or call **1 (800) 267-7377**.

My telephone does not work at all.	Make sure the telephone base is installed properly, and 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 hear the dial tone.	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.
	You may be using a new cable or VoIP service, the existing telephone jacks in your home may no longer work. Contact your service provider for solutions.
I cannot dial out.	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.
	Eliminate any background noise. Mute the handset before dialing, or dial from another room in your home with less background noise.
The display shows **To register HS** and **See manual** alternately. The handset does not work at all.	The handset is deregistered from the telephone base. Follow the steps in **Register a handset** to register the handset back to the telephone base.
The display shows **Low battery**.	Place the handset in the telephone base or charger for charging.
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.
	If the battery is completely depleted, charge the battery for at least 30 minutes before use.
	You may need to purchase a new battery.
The telephone does not ring when there is an incoming call.	Make sure the ringer volume is not set to off.
	The handset may be too far from the telephone base. Move it closer to the telephone base.
My handset beeps and is not performing normally.	Move the handset closer to the telephone base. It may be out of range.
I hear noise on the cordless handset and the keys do not work.	Make sure the telephone line cord is plugged in securely.
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 telephone service. Contact your telephone service provider.

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.
	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.

The telephone does not receive caller ID or the telephone does not show caller ID during call waiting.	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.
	Both your and the caller's telephone service providers must use equipment compatible with the caller ID service.
	The caller may not be calling from an area which supports caller ID.
	The caller ID information displays after the first or second ring.
The display shows **Out of range or no pwr at base**.	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.
I cannot hear any instruction from the handset when I try to record, play or delete my own announcement.	The handset does not have a speakerphone. When recording, playing or deleting your own announcement, the instructions are announced through the handset receiver. Make sure you place the handset receiver close to your ear.
The outgoing announcement is not clear.	When recording the announcement, make sure you speak in a normal tone of voice towards the microphone of the handset.
	Make sure there is no background noise when recording.

The answering system does not record messages.	Make sure the answering system is on. When the answering system is on, **ANS ON** should display on the handset and the telephone base.
	When the answering machine memory is full, it does not record new messages until some old messages are deleted.
	If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail service answers. To determine how many rings activate your voicemail service, contact your telephone service provider.
The messages on the answering system are very difficult to hear.	Press **VOL+** on the telephone base or **VOL▲** on the handset to increase the listening volume.
The answering system does not announce the correct day of the week for recorded messages time stamp.	Make sure you have set the date and time. See **Configure your telephone** section.
The messages on the answering system are incomplete.	If a caller leaves a very long message, part of it may be lost when the answering system disconnects the call after the preset recording time.
	If the memory on the answering system becomes full during a message, the answering system stops recording and disconnects the call.
	If the caller's voice is very soft, the answering system may stop recording and disconnect the call.

The answering system does not respond to remote commands.	Make sure you enter the correct remote access code.
	Make sure you are calling from a touch-tone telephone. When dialing a number, there should be tones. If there are clicks, then it is not a touch-tone telephone and cannot activate the answering system.
	The answering system may not detect the remote access code when your announcement is playing. Wait until the announcement is over before entering the code.
I subscribe to a nontraditional telephone service that uses my computer to establish connections, and my telephone doesn't work.	Make sure your computer is powered on, and your Internet is working properly.
	Make sure to plug your USB telephone adapter into a dedicated USB port on your computer. Do not plug into a multiple port USB hub (USB splitter) that is not powered.
	In a few rare instances, the USB port on your computer may not have enough power. In these instances, try using a USB hub with its own external power supply.
	If you are using a firewall, it may prevent access to your nontraditional telephone service. Contact your service provider for more information.
I accidentally set my LCD language to Spanish or French, and I don't know how to change it back to English.	While the handset is not in use, press **MENU** and then enter **¥364#** to change the handset LCD language back to English.

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.

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

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. Replacement to this telephone equipment can only be made by the manufacturer or its authorized agents. For replacement 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

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

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

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

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 1.0. 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.

California Energy Commission battery charging testing instructions

This telephone is set up to comply with the energy-conserving standards right out of the box. These instructions are intended for California Energy Commission (CEC) compliance testing only. When the CEC battery charging testing mode is activated, all telephone functions, except battery charging, will be disabled.

To activate the CEC battery charging testing mode:

1. Unplug the telephone base power adapter from the power outlet. Make sure all handsets are plugged with charged batteries before proceeding.
2. While you press and hold **/FIND HANDSET**, plug the telephone base power adapter back to the power outlet.
3. After about 30 seconds, when the **IN USE** light starts flashing, release **/FIND HANDSET** and then press it again within 2 seconds.

NOTES

- When the phone successfully enters the CEC battery charging testing mode, all handsets display **To register HS** and **See manual** alternatively.
- When the phone fails to enter this mode, repeat Step 1 through Step 3 above.

To deactivate the CEC battery charging testing mode:

1. Unplug the telephone base power adapter from the power outlet, then plug it back in. Then the telephone base is powered up as normal.
2. Register your handsets back to the telephone base. Refer to **Register a handset**.

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 le les instructions de fonctionnement. Les réglages incorrects des autres commandes pourraient provoquer un dommage qui pourrait exiger un travail exhaustif de la part d'un technicien autorisé afin de rétablir le fonctionnement normal de l'appareil.
- Si le produit a été échappé 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 barnché 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 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 incinérez 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, VTech Communications, Inc. ("VTech"), warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the Product and all accessories provided by VTech in sales package ("Product") are free from material defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with 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 Communications do if the Product is not free from material defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will replace at VTech's option, without charge, a Materially Defective Product. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. VTech will return replacement products to you in working condition. VTech will retain defective parts, modules, or equipment. Replacement of the Product, at VTech's option, is your exclusive remedy. You should expect the replacement to take approximately 30 days.

How long is the limited warranty period?

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

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

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech electrical 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, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without valid proof of purchase (see 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 United States of America, please visit our website at www.vtechphones.com or call 1 (800) 595-9511 for instructions regarding where to return the Product. In Canada, go to phones.vtechcanada.com or dial 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 Product(s) to the service location. VTech will return replaced product under this limited warranty to you, transportation, delivery or handling charges prepaid. VTech assumes no risk for damage or loss of the Product in transit.

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

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty;
2. Include "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 warranty and you should not rely on any such modification.

State Law Rights: This warranty gives you specific legal rights, and you also have other rights which vary from state to state.

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 date of purchase. Some states 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 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.

Disclaimer and Limitation of Liability

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

Company: VTech Communications, Inc.

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

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

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	1921.536-1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Handset: 2.4V Ni-MH battery Telephone base: 6V DC @ 400mA Charger: 6V DC @ 400mA
Memory	Directory: 30 memory locations; up to 30 digits and 15 characters Caller ID log: 30 memory locations; up to 24 digits and 15 characters

Designed to fit your home.
And your life.

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