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# NEED HELP?

This manual has all the feature operation and troubleshooting you need to install and operate your new VTech telephone. Please take the time to review thoroughly to ensure proper installation of this VTech innovative and feature rich product. You can also visit our website at [www.vtechphones.com](http://www.vtechphones.com) for support, shopping, and everything new at VTech.  
In Canada, please visit [www.vtechcanada.com](http://www.vtechcanada.com).

VTech toll free 1-800-595-9511  
In Canada dial 1-800-267-7377

## note

- Before using this telephone, you must read **Important Safety Instructions** on page 38.

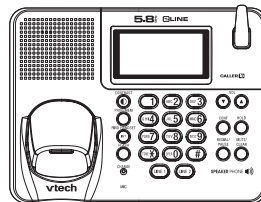
## Before you begin

**Enhanced 5.8GHz Technology** - Dual band transmission combines the best of 5.8GHz and 900MHz technology, providing enhanced performance over standard cordless telephones.

### Parts check list:

1. Base unit
2. Handset
3. Telephone line cords
4. Desk bracket
5. Belt clip
6. Base power adaptor
7. Battery
8. User's manual

To purchase replacement battery, visit us on the web at [www.vtechphones.com](http://www.vtechphones.com) or call VTech Communications, Inc. at 1-800-595-9511. In Canada, contact VTech Telecommunications Canada Ltd. at [www.vtechcanada.com](http://www.vtechcanada.com) or 1-800-267-7377.



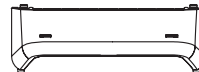
1. Base unit



2. Handset



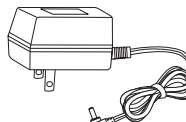
3. Telephone line cords



4. Desk bracket



5. Belt clip



6. Base power adaptor



7. Battery



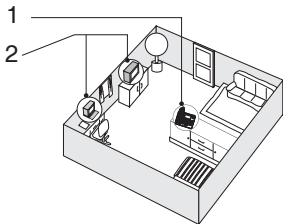
8. User's manual

## Installation

### Choose a location

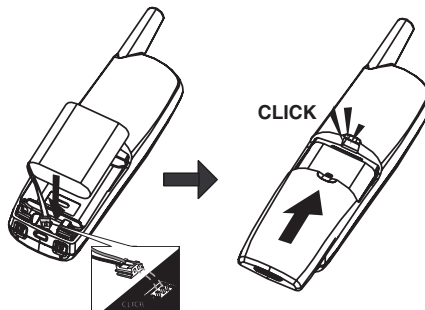
For maximum performance of your cordless telephone system:

1. Choose a central location for your base unit.
2. Install your base unit and extension handset away from electronic equipment such as personal computers, television sets and microwave ovens.
3. In locations where there are multiple cordless telephones, separate base units as far away as possible.
4. Install your telephone equipment away from heat sources and sunlight.
5. Avoid excessive moisture, dust or extreme cold.



### Install handset battery

1. Align the two holes in the plug of the handset battery with the socket pins, then snap the plug into place.
2. Place the battery in the compartment with the wires in the lower left corner.
3. Replace cover by sliding it upwards until it clicks into place.
4. Be sure to allow the battery to charge in the handset for a minimum of 16 hours before using your phone.



### note

- Use only the provided VTech battery, or equivalent.
- Place the handset in its base when not in use to ensure maximum daily performance.

## note

- Use only the base power adaptor supplied with this product.
- If your home has specially wired alarm equipment connected to the phone line, be sure that installing the system does not disable your alarm equipment. If you have questions about what will disable alarm equipment, contact your telephone company or a qualified installer.
- If the battery has not been previously charged, place the handset in the base, and allow it to charge for at least 16 hours.

## Installation

### Power connection

Plug the connector of the base power adaptor to the connector jack at the bottom of the base unit. Then plug the adaptor into an electrical outlet not controlled by a wall switch.

### Telephone line connection

#### Two-line wall jack

1. Use the four-wire (RJ-14) line cord.
2. Connect the telephone line cord from the jack labeled L1/L1+L2 on the base to the wall jack.

#### Separate wall jacks

1. Use both telephone line cords.
2. Connect the line cord from the jack labeled L1/L1+L2 at the bottom of the base to the wall jack designated as line 1.
3. Connect the other telephone line cord already plugged into the jack labeled L2 at the bottom of the base to the other wall jack.
4. Ensure the plugs are secured firmly into place.

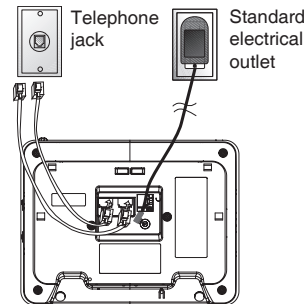
### Data port

The data port at the bottom of the base unit provides an easy way to connect the fax machine, laptop computer, modem, or other telephone devices for direct access to LINE 2. The data port only provides access to line 2, so it is necessary to have an active line connected to the line 2 jack at the bottom of the base unit. Connect a phone cord from the data port (marked **DATA** at the bottom of the base unit) to your fax, laptop, etc.

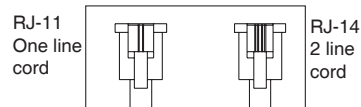
### Desk bracket

Make sure all telephone and power cords are installed before inserting the desk bracket to the bottom of the base unit.

1. Turn the base unit upside down.

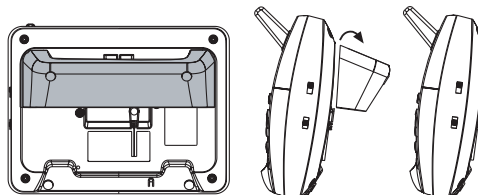


Examples of 1-Line and 2-Line Cords



## Installation

2. Secure the back of the unit by holding it in both hands.
3. Place thumbs on the mounting pegs of the bracket.
4. Apply pressure with the thumbs to push the bracket into place.



## Charge the handset battery

Place the handset in the base or charger. If the battery hasn't already been charged, **NEEDS RECHARGING** will appear on the handset. Charge the battery for at least 16 hours before using your phone for the first time.

## Language

- Press **PROG**, then press ▲ or ▼ until **LANGUAGE** is displayed. Press **SEL/INT**.
- The current setting blinks. Press ▲ or ▼ until the screen displays the correct language (English, Spanish or French).
- Press **SEL/INT** to save your selection.

## Check for dial tone

After the batteries are charged, pick up the handset and press **LINE 1** or **LINE 2**; you should hear a dial tone. If you do not, refer to the **Troubleshooting** section in the back of this user's manual.

## Set dial mode

If you have touch tone service, the phone is ready to use as soon as the battery is charged. If you have pulse (rotary) service, you need to change the dial mode.

- Press **PROG**.
- Press ▲ or ▼ or until the screen displays **DIAL MODE:** and the current setting.
- Press **SEL/INT**. The current setting blinks.
- Press ▲ or ▼ to select **TONE** or **PULSE**.
- Press **SEL/INT** to save.

## note

- If the phone will not be used for a long period, remove the battery to prevent possible leakage.
- If you have any trouble installing your phone, please refer to the **Troubleshooting** section near the end of this manual.

## note

- In the event of a power outage or if the power cord is unplugged, the date and time will need to be reset.

## Installation

### Set handset date and time

If you subscribe to caller ID service, the date and time will be set automatically with the first incoming call. If you do not have caller ID service, or wish to set the date and time manually:

- Press **PROG**, then press ▼ or ▲ until **DATE/TIME** is displayed. Press **SEL/INT**.
- The month is flashing. Press ▼ or ▲ until the screen displays the correct month. Press **SEL/INT**.
- The day is flashing. Press ▼ or ▲ until the screen displays the correct day. Press **SEL/INT**.
- The hour is flashing. Press ▼ or ▲ until the screen displays the correct hour. Press **SEL/INT**.
- The minute is flashing. Press ▼ or ▲ until the screen displays the correct minute. Press **SEL/INT**.
- **AM** or **PM** is flashing. Press ▼ or ▲ to choose between **AM** or **PM**. Press **SEL/INT**.
- You'll hear a confirmation beep.

### Handset ringer/battery save

You can select from four different handset ringer styles for each line, or turn the ringer off for one or both lines to prolong the battery life.

1. With the handset in idle (off) mode, press **PROG**.
2. Press ▲ twice and the screen will show **L1 RINGER: 1** and the current setting for line 1. (Pressing ▲ three times will display **L2 RINGER: 1** and the current setting for line 2.)
3. Press **SEL/INT**. The current setting blinks, and you will hear a sample of the ring.
4. Press ▼ or ▲ to select **RINGER: 1, 2, 3, 4** or **OFF**. You will hear a sample of each ring tone.
5. Press **SEL/INT** to choose the displayed ringer setting.

### Base ringer

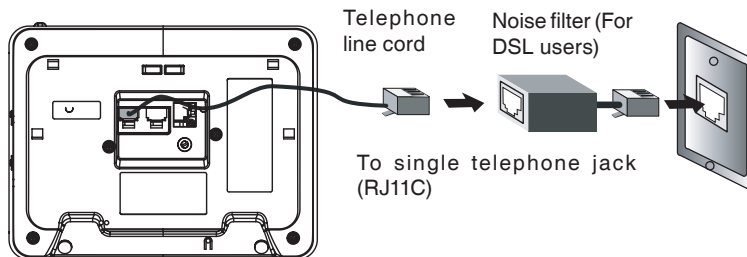
Your phone has an independent ringer for each line, controlled by switches located on the right side of the base. You can select **OFF**, **LOW** or **HIGH** base ringer volume for each line separately.



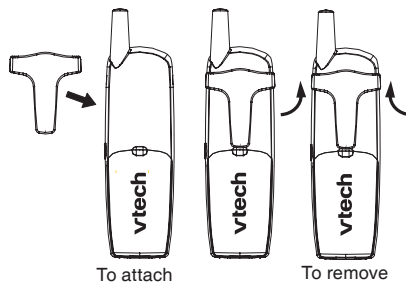
## Installation

### If you subscribe to DSL service:

If you hear interference during conversations and/or your caller ID features are not functioning properly, install a noise filter to the telephone line between the base unit and the telephone line jack. Contact your DSL provider to obtain a noise filter.



### Belt clip (optional)



# Telephone operation

## Handset operation

### 1. Answering a call

Press **LINE 1** or **LINE 2** to answer a call.

### 2. Making a call

Press **LINE 1** or **LINE 2**, then dial the number.

#### -OR-

Dial the number (use **▼** to backspace and make corrections), then press **LINE1** or **LINE2** to call.

To end your call, press the appropriate **LINE** key, or place the handset in its base.

### 3. Hold

Press to put a call on hold. Press appropriate **LINE** key to release hold.

#### -OR-

Use the extension to pick up the call

### 4. Remove

When viewing the caller ID log, press to delete the current record displayed. While handset is in idle mode, press and hold to delete all records in the call log.

### 5. ▼/CID and ▲/DIR

#### ▼/CID

- While **LINE 1** or **LINE 2** is on hold, press to select to enter the conference mode or make an intercom call.

- While on a call, press to decrease the volume. A double beep will sound when you reach the lowest setting.

- While phone is not in use, press to display caller ID information.
- While entering names or numbers into memory, press to delete last character entered.

#### ▲/DIR

- While on a call, press to increase the volume. A double beep will sound when you reach the highest setting.
- While phone is not in use, press to display directory entries.
- While entering names or numbers, press to add a space.
- While **L1** or **L2** is on hold, press to select to enter a conference call or make an intercom call.

### 6. Select

Press to display menu, or to select highlighted item from menu.

#### Intercom

With the base in idle, press to page the base. Press again, or place handset in the base to cancel the page.

### 7. Flash/call waiting

During a call, press to receive an incoming call, if call waiting is activated.

### 8. Redial/pause

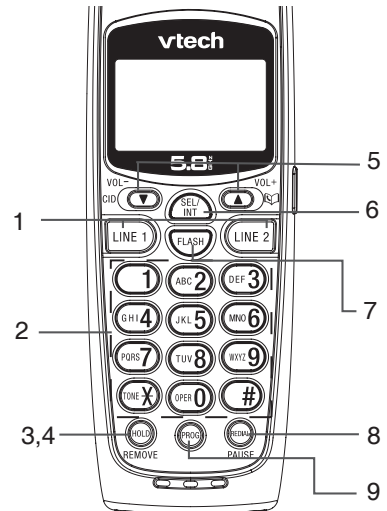
Press to view redial memory.

While entering numbers, press to insert a dialing pause.

### 9. Program

With the handset idle (on-hook), press to enter programming mode.

While the phone is in the intercom or conference mode, press Program and press **SEL/INT** to change the channel for better reception.



# Telephone operation

## Base operation

### 11. CONTRAST

Press the contrast key, to adjust the screen contrast. Repeated pressing will cycle from lightest to darkest contrast.

### 12. PROG/MEM

Your base unit can store 10 frequently dialed phone numbers. Press the **PROG/MEM** key to dial the numbers stored in memory.

### 13. FIND HANDSET/INT

With the handset in idle, press to page the handset. Press again, or place handset in the base to cancel the page.

### 14. FLASH

If you have call waiting service, you will hear a beep if there is an incoming call while you are on a call. Press **FLASH** to put the first call on hold and take the new call. Press again to switch back and forth between the calls.

### 15. CHARGE INDICATOR

Illuminates when the handset is charging in the base.

### 16. LINE 1/LINE 2

Enter the telephone number, up to 32 digits. Press the desired **LINE** key. The number will be dialed. To end your call, press the same **LINE** key. You can also press a **LINE** key first, then dial the number. Press the appropriate **LINE** key to answer a call.

### 17. VOL▼/▲

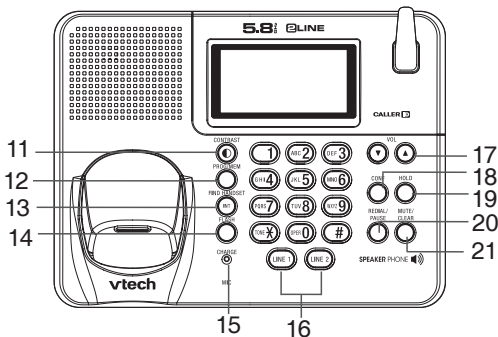
During an active call, press the **VOL▼** or **VOL▲** key to adjust the base speakerphone volume on the base and the current level is displayed on the screen.

### 18. CONF

Press to establish conference call on the base.

### 19. HOLD

During an active call, press **HOLD**. The corresponding **LINE** key will flash to indicate it is on hold. To return to the call, press the same **LINE** key again.



### 20. REDIAL/PAUSE

Press **REDIAL/PAUSE**, the last phone number dialed from the base unit is displayed. Press the desired **LINE** key to dial that number.

**-OR-** Press the desired **LINE** key first, listen for a dial tone. Press **REDIAL/PAUSE**. The displayed number will be dialed.

While entering numbers, press and hold to insert a dialing pause.

### 21. MUTE/CLEAR

With the speakerphone **ON**, press **MUTE/CLEAR**, the base microphone is now muted. Press **MUTE/CLEAR** again to return to the two-way conversation.

In pre-dial and programme mode, press to clear function.

## note

- When the handset is in conference mode, press **SEL/INT** on the handset to page the base unit, when the base rings, press **FIND HANDSET/INT** on the base to answer the page, press **FIND HANDSET/INT** again to exit the conversation.
- When the base is in conference mode, press **FIND HANDSET/INT** on the base to page the handset unit, when the handset rings, press **SEL/INT** on the handset to answer the page, press **SEL/INT** again to exit the conversation.

## Telephone operation

### Three way conference call

#### At the handset:

- While on an active call (on either line.)
- Press **HOLD**. Make a call on the other line.
- Press **HOLD** to hold the other call, the screen will display:
- Press **SEL/INT** to enter conference mode.

L1/2 HOLD CONF  
12/28 2:34AM

#### At the base:

- While on an active call (on either line.)
- Press **HOLD**. Make a call on the other line.
- Press **HOLD** to hold the other call, the screen will display:
- Press **CONF**. The two lines are conferenced together.

L1 L2 HOLD  
12/28 2:34AM

### Four way conference call

#### At the handset:

- While on an active call (on either line.)
- Press **HOLD**. Make a call on the other line.
- Press **HOLD** to hold the other call, the screen will display:
- Press **SEL/INT** on handset to enter conference mode.
- Press **CONF** on base to enter conference mode.

L1/2 HOLD CONF  
12/28 2:34AM

#### At the base:

- While on an active call (on either line.)
- Press **HOLD**. Make a call on the other line.
- Press **HOLD** to hold the other call, the screen will display:
- Press **CONF** on base to enter conference mode.
- Press either **LINE 1** or **LINE 2** on handset to enter conference mode.

L1 L2 HOLD  
12/28 2:34AM

If you want to end the call with only one person, press the **LINE** button of the person you want to connect (if will hang up with the other line).

## Telephone operation

### Temporary tone dialing

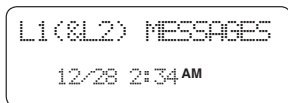
If you have pulse dial (rotary) service, you can change from pulse to touch tone dialing during a call by pressing **\*TONE**. This is useful if you need to send touch tone signals to access telephone banking or long distance services.

1. Dial the number.
2. Press **\*TONE**. Buttons pressed after this send touch-tone signals.
3. After you hang up, the phone automatically returns to pulse dial service.

### Message waiting

Your phone is designed to work with most local and regional telephone service providers' voice messaging service, providing alerts on both the handset and base when new messages come in. Voice messaging is a subscription service available through most service providers for a monthly fee. Some service providers may not offer compatible voicemail service. Contact your local telephone company for more information.

While in idle, your handset will display **NO MESSAGES** when there are no new (unheard) messages in your voicemail. In addition, when you have new messages, the handset will display, for example:



After calling your voicemail service and listening to the new messages, the indicators will be turned off within a few seconds after you complete your call. You can retrieve your voicemail messages from any telephone.

## note

- To purchase a headset, visit us on the web at [www.vtechphones.com](http://www.vtechphones.com) or call VTech Customer Service at 1-800-595-9511. In Canada, contact VTech Telecommunications Canada Ltd. at [www.vtechcanada.com](http://www.vtechcanada.com) or 1-800-267-7377.

## Telephone operation

### Headset jack

You can use this telephone handsfree when you install a compatible 2.5 mm headset, available separately. Plug the headset into the jack located on the right side of the handset (under the small rubber flap). Do not force the connection, but make sure the plug fits securely.

### Operating range

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

If you receive a call while you are out of range, the handset might not ring, or if it does ring, the call might not connect well when you press **LINE1** or **LINE2**. Move closer to the base, then press **LINE1** or **LINE2** to answer the call.

If you move out of range during a phone conversation, there might be interference. To improve reception, move closer to the base.

If you move out of range without pressing **LINE1** or **LINE2**, your phone will be left off the hook. To hang up properly, walk back into range, periodically pressing **LINE1** or **LINE2**.



# Telephone operation

## Display screen messages

Screen displays:	When:
NEEDS RECHARGING	The battery needs to be recharged.
** RINGING **	There is a call coming in.
CONNECTING...	The handset is waiting for a dial tone.
PHONE ON	The handset is in use.
CALLING HANDSET	The base is paging the handset.
CALLING BASE	The handset is paging the base.
BATTERY LOW	The battery needs to be recharged.
SCANNING...	The handset is changing to one of the 30 channels available.
CAN'T CONNECT	<ol style="list-style-type: none"><li>1. Displays when base power is off and <b>LINE 1</b> or <b>LINE 2</b> is pressed. You'll also hear an error tone.</li><li>2. Displays when an out of range dial fails to connect.</li></ol>
L1 & L2 RING OFF	The handset ringer is turned off.
L1(&L2) MESSAGES	Displays when you have been alerted by the telephone company that you have received new voicemail on that particular line.

## note

- The entries you store in speed dial memory are marked from 01 to 09 and also displayed in the directory.
- Press and hold **PROG** anytime to exit speed dial mode.
- When the memory is full, the screen displays **MEMORY FULL**, an error tone sounds and you cannot store a new number until you delete a record from speed dial memory or the directory.

## Speed dial

Your phone can store up to nine telephone numbers with names (up to 15 characters and 24 digits in each location) in the speed dial memory locations you assign (numbered 1 through 9) in each handset. These numbers can be dialed with the pressing of two buttons presses. You can also store telephone numbers with names alphabetically in the directory. See **Telephone Directory** for instructions.

### Store a speed dial entry

1. Press **PROG** on the handset. Then press ▼ or ▲ until the screen displays **SPEED DIAL**.
2. Press **SEL/INT**. The screen displays **ENTER 1-9**.
3. Press the key (1 through 9) to assign the speed dial location this number will be stored. The screen displays **ENTER NAME**.
4. Using the chart below, enter up to 15 characters for the name you're storing. Use ▼ to backspace and make corrections; use ▲ to advance and add a space.


Dial key	Presses					
	Once	Twice	3 times	4 times	5 times	6 times
1	1					
2	A	B	C	2		
3	D	E	F	3		
4	G	H	I	4		
5	J	K	L	5		
6	M	N	O	6		
7	P	Q	R	S	7	
8	T	U	V	8		
9	W	X	Y	Z	9	
0	0					
*	*					
#	&	'	,	-	.	#



## note

- If the location in speed dial is occupied, your new entry will be stored in place of the old and will delete the former entry. Take caution not to save over entries you do not wish to delete from the speed dial memory.

## Speed dial

5. After you enter the name, press **SEL/INT**. The screen displays **ENTER NUMBER**.
6. Enter the telephone number. Use **▼** to backspace and make corrections. Press **REDIAL/PAUSE** to enter a pause if necessary.  
— OR —  
Press **REDIAL/PAUSE** to display the last number (up to 24 digits long) dialed from this phone.
7. Press **SEL/INT** to store your entry. The screen displays **DISTINCT RING?** and the current setting.
8. Press **▼** or **▲** to choose **Y** (for yes) if you wish the phone to alert you to calls from this number by assigning a distinctive ringer after the first ring. Choose **N** for a normal ringer.
9. Press **SEL/INT** to confirm. If you chose **Y** in Step 8, a  will be displayed with the entry.

## Edit a speed dial entry

1. Press and hold the speed dial location key (1-9) of the entry you wish to edit.
2. When the screen displays the entry you want to edit, press **SEL/INT**. Then press **▼** or **▲** until **EDIT** flashes.

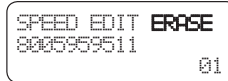


3. Press **SEL/INT**. The screen displays the name and number. The cursor appears at the end of the name. Use **▼**, **▲** and the dial pad keys to edit the name. Press **SEL/INT** to move on to edit the number. Use **▼** to backspace and make corrections. Press **SEL/INT** to move on to edit the distinctive ring setting. Press **▼** or **▲** to choose **Y** (for yes) if you wish the phone to alert you to calls from this number by assigning a distinctive ringer after the first ring. Choose **N** for a normal ringer.
4. Press **SEL/INT** to save the edited information.

## Speed dial

### Delete a speed dial entry

1. Press and hold the speed dial location key (1-9) of the entry you wish to delete.
2. When the screen displays the entry to be deleted, press **SEL/INT**. Then press ▼ or ▲ until **ERASE** flashes.



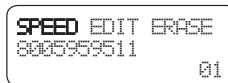
3. Press **SEL/INT**. The screen displays **ERASE NO YES** and the number. The current choice flashes.
4. Press ▲ or ▲ until **YES** flashes.
5. Press **SEL/INT**. You'll hear a confirmation beep.

### Calling from speed dial

1. Press and hold the speed dial location key (1-9) of the desired entry.
2. Press **LINE 1** or **LINE 2** to dial the displayed memory number.

### Reassigning locations in speed dial

1. Press and hold the speed dial location key (1-9) of the entry you wish to reassign.
2. When the screen displays the entry you want to reassign, press **SEL/INT**. Press ▼ or ▲ until **SPEED** flashes.



3. Press **SEL/INT**. The screen displays **ENTER 1-9**.
4. Press the keys (1-9) to reassign this entry into a new memory location. You'll hear a confirmation beep and the new speed dial location is indicated in the lower right corner.

## note

## Directory


Your phone can store 20 (including the nine speed dial entries) telephone numbers with names (up to 15 characters for the name and 24 digits for the number in each location) in the handset.

### Store a directory entry in the handset

1. Press **PROG**. The screen displays **DIRECTORY**.
2. Press **SEL/INT**. The screen displays **ENTER NAME**.
3. Using the chart on page 16, enter up to 15 characters for the name you want to store with the number. Use ▼ to backspace and make corrections; use ▲ to advance and add a space.
4. When you finish entering the name, press **SEL/INT**. The screen displays **ENTER NUMBER**.
5. Enter the telephone number. Use ▼ to backspace and make corrections. Press **REDIAL/PAUSE** to store a pause if necessary.

— OR —

Press **REDIAL/PAUSE** to display the last number (up to 24 digits) dialed from this handset.

6. Press **SEL/INT**. The screen displays **DISTINCT RING?** and the current setting.
7. Press ▼ or ▲ to choose **Y** (yes) if you wish the phone to alert you to calls from this number by changing to a distinctive ringer after the first ring. Choose **N** for a normal ringer.
8. Press **SEL/INT** to confirm. If you chose **Y** in step 7, a  will be displayed with the directory entry.

### Edit a directory entry in the handset

1. Press ▲. The screen displays **DIRECTORY**.
2. Press ▼ or ▲ to scroll alphabetically through entries stored in directory.

— OR —

Press the dial pad key for the first letter of the entry you want to edit.

- Press and hold **PROG** at any time to exit the directory.
- When the memory is full the screen will display **MEMORY FULL**, an error tone sounds and you will not be able to store a new number until you delete a stored number to make room for another entry.

## Directory

- When the screen displays the entry you want to edit, press **SEL/INT**. Then press ▼ or ▲ until **EDIT** flashes.

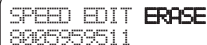


A rectangular screen display with a thin border. The top line shows the text 'SPEED EDIT ERASE' in a monospaced font. The second line shows the number '8005959511'. The word 'EDIT' is highlighted in a slightly larger or bolder font compared to the other words.

- Press **SEL/INT**. The screen displays the name and number. The cursor appears at the end of the name. Use ▼, ▲ and the dial pad keys to edit the name. Press **SEL/INT** to confirm and move on to edit the number. Use ▼ to backspace and make corrections. Press **SEL/INT** to confirm and move to edit the distinctive ring setting.
- Press **SEL/INT** to save the edited information.

## Delete a directory entry in the handset

- Press ▲. The screen displays **DIRECTORY**.
- Press ▼ or ▲ to scroll alphabetically through entries stored in directory.  
— OR —  
Press the dial pad key for the first letter of the entry you want to delete.
- When the screen displays the entry you want to delete, press **SEL/INT**. Then press ▼ or ▲ until **ERASE** flashes.



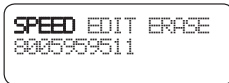
A rectangular screen display with a thin border. The top line shows the text 'SPEED EDIT ERASE' in a monospaced font. The second line shows the number '8005959511'. The word 'ERASE' is highlighted in a slightly larger or bolder font compared to the other words.

- Press **SEL/INT**. The screen displays **ERASE NO YES** and the number. The current choice flashes.
- Press ▲ or ▼ until **YES** flashes.
- Press **SEL/INT**. You'll hear a confirmation beep.

## Directory

### Store a speed dial entry in the directory from the handset

1. Press **▲**. The screen displays **DIRECTORY**.
2. Press **▼** or **▲** to scroll alphabetically through entries stored in directory.  
— **OR** —  
Press the dial pad key for the first letter of the entry you want to move.
3. When the screen displays the entry you want to move, press **SEL/INT**. Then press **▼** or **▲** until **SPEED** flashes.



4. Press **SEL/INT**. The screen displays **ENTER 1-9**.
5. Press the key (1-9) to move this entry from the normal directory to the speed dial memory and assign a memory location. You'll hear a confirmation beep. A memory location number (1 through 9) will be displayed with this entry.

### Dial a directory entry from the handset

1. Press **▲**. The screen displays **DIRECTORY**.
2. Press **▼** or **▲** to scroll alphabetically through entries stored in directory.  
— **OR** —  
Press the dial pad key for the first letter of the entry you want to dial.
3. When the screen displays the entry you want to dial, press **LINE 1** or **LINE 2**.

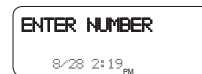
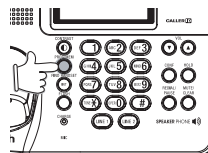
## Directory

### Directory memory capacity at the base

Your base unit can store 10 frequently dialed phone numbers.

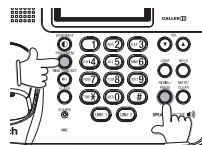
### Store a number in the directory at the base

- With the base in the idle (off) mode, press and hold **PROG/MEM**.
- The base will display **ENTER NUMBER**. Use the keypad to enter the phone number. To place a four second pause in a dialing sequence, press **REDIAL/PAUSE**. When finished entering the phone number, press **PROG/MEM**.
- The base displays **ENTER MEM 0-9**. Enter the desired location. The base now displays **NUMBER SAVED** and you'll hear a confirmation beep.



### Store a redial number in the directory at the base

- With the base in the idle (off) mode, press and hold **PROG/MEM**.
- The base will display **ENTER NUMBER**. Press **REDIAL**. The last phone number dialed at the Base will be displayed. Press **PROG/MEM**.
- The base displays **ENTER MEM 0-9**. Enter the desired location. The base now displays **NUMBER SAVED** and a confirmation tone will sound.

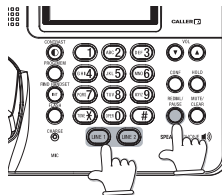


### Dial from the directory at the base

- With the base in the idle (off) mode, press **PROG/MEM**. The base unit will display **ENTER MEM 0-9**. Use the keypad to choose the desired location.

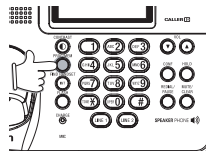
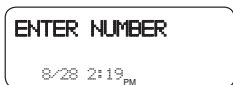
## Directory

- Press a **LINE** key. You will hear a dial tone, and the number is dialed.  
— OR —
- First, press a **LINE** key, and listen for a dial tone. Press **PROG/MEM** and then the desired location.



### Delete a directory entry at the base

- With the base in the idle (off) mode, press and hold **PROG/MEM**.
- The base will display **ENTER NUMBER**. Then press **PROG/MEM** again.
- The base displays **ENTER MEM 0-9**. Enter the desired location that to be deleted. The base now displays **ENTRY DELETED** and you'll hear a confirmation tone.



### Replace a directory entry at the base

To replace a number stored in a particular memory location, follow the steps in **Store a number in a memory location**, (page 22). The new number entered will replace the previous number stored in that location.

## Caller ID

Your phone has a caller ID (CID) with call waiting feature that works with service from your local phone service provider. Caller ID with call waiting lets you see who calling before you answer the phone, even when you are on another call.

You may need to change your phone service to use this feature. Contact your service provider if:

- You have both caller ID and call waiting, but as separate services (you may need combined service)
- You have only caller ID service, or only call waiting service.
- You don't subscribe to either caller ID or call waiting service.

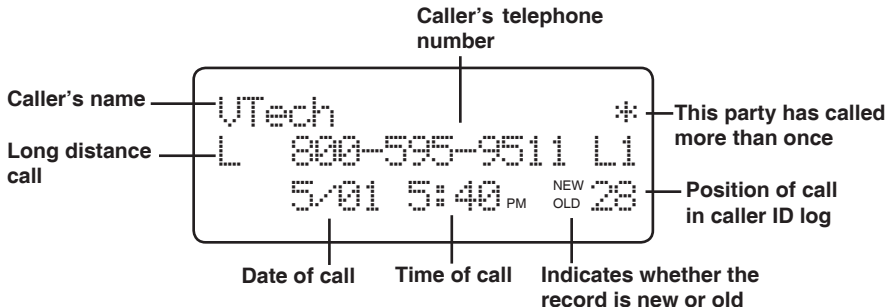
You can use this product with regular caller ID service, and you can use this product's other features without subscribing to either caller ID or combined caller ID with call waiting service.

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

This product can provide information only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.



# Caller ID



## About caller ID

Your phone can store up to 45 calls in its caller ID (CID) memory. When the memory is full, the oldest call will automatically be deleted to make room for new incoming call information.

For each call that comes in, the screen displays the following information between the first and second rings:

- Your caller's name (15 letters are sent by your telephone company).
- The caller's area code and telephone number.
- The time and date of the call.
- The repeat tag (\*) in the upper right corner, indicating the party has called more than once.

## Review call history

1. Press ▼ (CID) to view call history.
2. Use ▼ and ▲ to scroll through records in call history.

## note

- If you answer a call before the information appears on the screen, it will not be in the call ID log.
- Press and hold **PROG** anytime to exit call history.

## note

- Caller ID numbers may appear with an area code that may not be required for local calls, or without a 1 that may be needed for long distance calls. If the number displayed is not in the right format, press # repeatedly to see different dialing options select the appropriate format.

## Caller ID

### Delete a record from call history

#### Delete a specific call:

1. Locate the record you want to delete from call history.
2. Press the **REMOVE** key, you'll a confirmation beep.

#### Delete all calls:

1. With the handset in idle (off) mode, press and hold the **REMOVE** key. The screen displays **ERASE ALL NO YES**. The current choice flashes.
2. Press **▲** until **YES** flashes.
3. Press **SEL/INT**. You'll hear a confirmation beep.

### Dial a number from call history

1. Locate the desired record in call history to be dialed.
2. If you wish to change how the number is dialed, press #. The screen displays the alternate dialing sequences (area code + number; 1 + area code + number; number only; 1 + number). See the side column for more information on changing the dialing format. The dialing options are:
  - 3. Press **PROG**. Press **▼** or **▲** until **DIAL** flashes.
  - 4. Press **SEL/INT**. The number is automatically dialed.  
— OR —  
When the number is correctly displayed for dialing, press **LINE 1** or **LINE 2** to dial.


### Store a call history number in the directory

1. Locate the record in the call history to store in the directory.

```
595-9511
1-595-9511
800-595-9511
1800-595-9511
```

```
DIAL PROGRAM
      800-595-9511
5/01 5:40 PM   OLD 28
```

## Caller ID

- If you wish to change how the number is stored, press #. The screen displays all dialing variations available (area code + number; 1 + area code + number; number only; 1 + number). The dialing options are:
- Press **PROG**, then press ▼ or ▲ until **PROGRAM** flashes.
- Press **SEL/INT** three times. The screen displays:
- Press ▼ or ▲ to select **Y** or **N** for distinctive ringer.
- Press **SEL/INT**. You'll hear a confirmation beep. If you choose **Y** in step 5,  will be displayed with the directory entry.

```
595-9511
1-595-9511
800-595-9511
1800-595-9511
```

```
DIAL PROGRAM
      800-595-9511
5/01 5:40 PM OLD 28
```

```
DISTINCT RING? N
800-595-9511
5/01 5:40 PM OLD 28
```



- Caller ID numbers may appear with an area code that may not be required for local calls, or without a 1 that may be needed for long distance calls. If the number displayed is not in the right format, press # repeatedly to see different dialing options and select the appropriate format.

## Display screen messages

Screen displays:	When:
PRIVATE	The other party is blocking name and/or number information.
UNKNOWN	Your phone company is unable to receive information about this caller's name and/or number.
* (after name)	This caller has called you more than once.

## note

- If you repeatedly get a low battery indicator, even after charging overnight, the battery should be replaced.
- To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully: Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in the user's manual.


## Batteries

### Battery care and performance

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

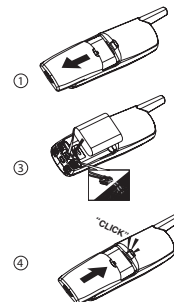
Operation	Operating time
While in use (talking)	up to 5 hours
While not in use (standby*)	up to 5 days

\* Handset is off the base unit or charger but not in use.

- The battery needs charging when:
  - A new battery is installed in the handset.
  - The phone beeps twice every five seconds.
  - The screen displays **BATTERY LOW** and the low battery icon .
- Place the handset in the base so the **CHARGE** light turns on. The battery is typically fully charged after at least 16 hours.
- You can keep the battery fully charged by returning the handset to the base after each use.

### Replace the handset battery

1. Remove the battery compartment cover on the handset by pressing on the indentation and sliding the cover downward.
2. Lift out the old battery and disconnect the plug from the compartment.
3. Align the two holes in the new battery's plug with the socket pins, and snap the plug into place. Snap the battery in the compartment, as described in **Installation**, on page 5.
4. Replace the cover by sliding it up into place until it clicks.
5. Place the handset in the base and allow it to charge for at least 16 hours the first time. The telephone might operate before that, but for best performance, let the battery charge fully.



# Troubleshooting

If you have difficulty operating your phone, the suggestions below should solve the problem. If you still have difficulty after trying these suggestions, call VTech Communications at 1-800-595-9511. In Canada, call VTech Telecommunications Canada Ltd. at 1-800-267-7377.

Problem	Suggestion
My phone doesn't work at all.	<ul style="list-style-type: none"><li>• Make sure the power cord is plugged in.</li><li>• Make sure the telephone line cord is plugged firmly into the base unit and the telephone wall jack.</li><li>• Charge the battery in the handset for at least 16 hours. For optimum daily performance, return the handset to its base when not in use.</li><li>• Reset the base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the handset and base to reset.</li><li>• You may need to purchase a new battery, please refer to the <b>Batteries</b> section of this user's manual.</li></ul>
I cannot get a dial tone.	<ul style="list-style-type: none"><li>• First try all the suggestions above.</li><li>• Move the handset closer to the base. You might have moved out of range.</li><li>• Your line cord might be malfunctioning. Try installing a new line cord.</li><li>• If the previous suggestions don't work, disconnect the base unit from the telephone jack and connect a different phone to the same line. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company.</li></ul>

# Troubleshooting

Problem	Suggestion
I cannot dial out.	<ul style="list-style-type: none"><li>• Make sure you have a dial tone before dialing. The handset may take a second or two to find the base and produce a dial tone. This is normal. Wait an extra second before dialing.</li><li>• Make sure your phone is set to the correct dial mode for the type of service that you have (pulse or touchtone). Refer to the <b>Installation</b> section of this user's manual to set the dial mode.</li><li>• If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply.)</li><li>• Eliminate any background noise. Noise from a television, radio or other appliance may cause the phone to not dial out properly. If you cannot eliminate the background noise, first try muting the handset before dialing, or dialing from another room in your home with less background noise.</li></ul>
My handset beeps five times and isn't performing normally.	<ul style="list-style-type: none"><li>• Make sure the power cord is securely plugged into the base. Plug the unit into a different, working outlet not controlled by a wall switch.</li><li>• Move the handset closer to the base. You might have moved out of range.</li><li>• If the handset is in its base and the charging light does not come on, refer to <b>Charge Light is Off</b> in this troubleshooting guide.</li><li>• Reset the base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the handset and base to reset.</li><li>• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices such as: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones.</li></ul>

# Troubleshooting

Problem	Suggestion
<b>CAN'T CONNECT</b> displays on my handset.	<ul style="list-style-type: none"><li>• Move the handset closer to the base. You might have moved out of range.</li><li>• If the handset is in its base and the charging light does not come on, refer to <b>The charge light is off</b> in this troubleshooting guide.</li><li>• Reset the base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the handset and base to reset.</li><li>• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices such as: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones.</li></ul>
The batteries will not hold a charge.	<ul style="list-style-type: none"><li>• Charge the battery in the handset for at least 16 hours. For optimum daily performance, return the handset to its base when not in use.</li><li>• You may need to purchase a new battery, please refer to the <b>Batteries</b> section of this user's manual.</li><li>• Your phone might be malfunctioning. Please refer to the <b>Warranty</b> section of this user's manual for further instruction.</li></ul>
If you subscribe to DSL service	If you hear interference during conversations and/or your caller ID features aren't functioning properly, install a noise filter to the telephone line between the base unit and the telephone line jack. Contact your DSL provider to obtain a noise filter.

## Troubleshooting

Problem	Suggestion
I get noise, static, or weak signal even when I'm near the base.	<ul style="list-style-type: none"><li>• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices such as: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones.</li><li>• Microwaves operate on the same frequency as your phone. It is normal to experience static on your phone while the microwave oven is operating. Do not install this phone in the same outlet or near the microwave.</li><li>• If your phone is plugged in with a modem or surge protector, plug the phone (or modem/surge protector) into a different location. If this solves the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector.</li><li>• Relocate your phone to a higher location. The phone will likely get better reception when not installed in a low area.</li><li>• If the other phones in your home are having the same problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply.)</li></ul>
I hear other calls while using my phone.	<ul style="list-style-type: none"><li>• Disconnect your base unit from the telephone jack, and plug in a regular telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.</li></ul>
I hear interference in the handset, and none of the keys or buttons work.	<ul style="list-style-type: none"><li>• Make sure the power cord is plugged in.</li></ul>



# Troubleshooting

Problem	Suggestion
My handset does not ring when I receive a call.	<ul style="list-style-type: none"><li>• Make sure you have the ringer activated. Refer to the section(s) on ringer selection in this user's manual.</li><li>• Make sure the telephone line cord is plugged firmly into the base unit and the telephone jack. Make sure the power cord is plugged in.</li><li>• You may be too far from the base unit.</li><li>• Charge the battery in the handset for at least 16 hours. For optimum daily performance, return the handset to its base when not in use.</li><li>• You may have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of the other phones.</li><li>• The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably to a higher floor.</li><li>• If the other phones in your home are having the problem, the problem is in your wiring or local service. Contact your local telephone company (charges may apply.)</li><li>• Test a working phone at the phone jack. If another phone has the same problem, the problem is the phone jack. Contact your local telephone company (charges may apply.)</li><li>• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away as possible from electronic devices such as: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones</li><li>• Your line cord might be malfunctioning. Try installing a new line cord.</li></ul>

## Troubleshooting

Problem	Suggestion
My calls fade or cut in and out while I'm using my handset.	<ul style="list-style-type: none"><li>• Press <b>PROG</b> and then <b>SEL/INT</b> while on a call until the interference has been eliminated.</li><li>• Other electronic products can cause interference with your cordless phone. Try installing your phone as far away from these types of electronic devices as possible: wireless routers, radios, radio towers, pager towers, cell phones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless phones</li><li>• Microwaves operate on the same frequency as your phone. It is normal to experience static on your phone while the microwave is running. Do not install this phone in the same outlet or near the microwave.</li><li>• If your phone is plugged in with a modem or surge protector, plug the phone (or modem/surge protector) into a different location. If this solves the problem, re-locate your phone or modem farther apart from one another, or use a different surge protector.</li><li>• Relocate your phone to a higher location. The phone will get better reception when not installed in a low area.</li><li>• If the other phones in your home are having the issue, the problem is in your wiring or local service. Contact your local telephone company (charges may apply.)</li></ul>
The charge light is off.	<ul style="list-style-type: none"><li>• Clean the handset and base charging contacts each month using a pencil eraser or cloth.</li><li>• Make sure the power and line cords are plugged in correctly and firmly.</li><li>• Reset the base. Unplug the unit's electrical power. Wait for 15 seconds then plug it back in. Allow up to one minute for the handset and base to reset.</li><li>• Your phone might be malfunctioning. Please refer to the <b>Warranty</b> section of this user's manual for further instruction.</li></ul>

# Troubleshooting

Problem	Suggestion
My Caller ID isn't working.	<ul style="list-style-type: none"><li>• Caller ID is a subscription service. You must subscribe to this service for this feature to work on your phone.</li><li>• Your caller must be calling from an area that supports caller ID.</li><li>• Both you and your caller's telephone companies must use caller ID compatible equipment.</li></ul>
Common cure for electronic equipment.	<p>If the unit does not seem to be responding normally, then try putting the handset in its base. If it does not seem to respond, do the following (in the order listed):</p> <ol style="list-style-type: none"><li>1. Disconnect the power to the base.</li><li>2. Disconnect the handset battery, and spare battery, if applicable.</li><li>3. Wait a few minutes.</li><li>4. Connect power to the base.</li><li>5. Re-install the battery(ies).</li><li>6. Wait for the handset to re-establish its link with the base. To be safe, allow up to one minute for this to take place.</li></ol>

# Maintenance

## Taking care of your telephone

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

## Avoid rough treatment

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

## Avoid water

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

## Electrical storms

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

## Cleaning your telephone

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

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

# Warranty

## What does this limited warranty cover?

- The manufacturer of this VTech product, VTech Communications, warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the product and all accessories provided by VTech in the 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 operation instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America.

## 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 repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair this product, we may use new or refurbished replacement parts. If we choose to replace this product, we may replace it with a new or refurbished product of the same or similar design. VTech will return repaired or replacement products to you in working condition. VTech will retain defective parts, modules, or equipment. Repair or replacement of Product, at VTech's option, is your exclusive remedy. You should expect the repair or replacement to take approximately 30 days.

## How long is the limited warranty period?

- The limited warranty period for the product extends for ONE (1) YEAR from the date of purchase if we repair or replace a Materially Defective Product under the terms of this limited warranty. This limited warranty also applies to repaired or replacement Products for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

## What is not covered by this limited warranty?

This limited warranty does not cover

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech electrical accessories; or

# Warranty

5. Product whose warranty/quality stickers, Product serial numbers 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, call 1-800-595-9511 for instructions regarding where to return the Product. Before calling for service, please check the user's manual. A check of the Product 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 repaired or 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.
- If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

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

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

State Law Rights: This warranty gives you specific legal rights, and you may 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.

# Important safety instructions

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bath tub, kitchen sink or swimming pool).
5. Do not place this product on an unstable surface, such as a table, shelf or stand. The product may fall, causing serious damage.
6. Slots and openings in the back or bottom of the base unit 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.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord may have anyone walking on it.
9. Never push objects of any kind into this product through slots in the base or handset as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. 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 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.
11. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
12. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
  - A. When the power supply cord or plug is damaged or frayed.
  - B. If liquid has been spilled onto the product.
  - C. If the product has been exposed to rain or water.
  - D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
  - E. If the product has been dropped and the base and/or handset has been damaged.
  - F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.
15. Only put the handset of your telephone next to your ear when it is in normal talk.

**SAVE THESE INSTRUCTIONS**

# 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.

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 base unit 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. If you choose to use a clipping device, please make sure to only use the supplied VTech belt clip.

## 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 local telephone company 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 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 local telephone company.

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 company or a qualified installer.

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

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company 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 company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company 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:

## FCC, ACTA and IC regulations

- \* 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 equipment complies with regulations RSS210 and CS-03 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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

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

## The RBRC® seal

The RBRC® Seal on the nickel-cadmium 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-cadmium 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-Cd battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.



## Technical specifications

Enhanced 5.8GHz technology—your phone operates on a dual band transmission that combines the best of 5.8GHz and 900MHz technologies, providing enhanced performance over standard cordless telephones.

<b>Frequency Control</b>	Crystal controlled PLL synthesizer
<b>Transmit Frequency</b>	Base: 912.75 - 917.10 MHz Handset: 5863.80 - 5872.5 MHz
<b>Receive Frequency</b>	Base: 5863.80 - 5872.5 MHz Handset: 912.75 - 917.10 MHz
<b>Nominal Effective Range</b>	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
<b>Size</b>	Handset: 184mm X 53mm X 42.5mm(including antenna) Base: 185mm X 140mm X 47mm (not including desk bracket and antenna)
<b>Weight</b>	Handset: 132 grams( not including battery) Base: 445 grams (with desk bracket)
<b>Power Requirements</b>	Handset: 600mAH Ni-Cd Battery Base: 9V DC @ 600mA
<b>Memory</b>	9 Speed dial locations; up to 24 digits, 15 characters per location Directory: 20 Memory locations (including the nine speed dial entries); up to 24 digits, 15 characters per location CID: 45 Memory locations

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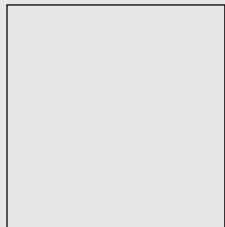
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# User's Manual

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