vtech ®

Innovation Beyond Technology℠

User's Manual

www.vtechphones.com

Models: ia5874/
ia5876/ia5877

5.8 GHz
Technology

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NEED HELP?

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

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

Before You Begin

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

Parts Check List:

1. Base Unit
2. Handsets (3)
3. Charger Power Adaptors (2)
4. Chargers (2)
5. Telephone Line Cord
6. Desk/Wall Mount Bracket
7. Belt Clips (3)
8. Base Power Adaptor
9. Batteries (3)
10. User's Manual

To purchase replacement batteries, visit us on the web at www.vtechphones.com or call VTech Communications, Inc. at 1-800-595-9511. In Canada, contact VTech Telecommunications Canada Ltd. at www.vtechcanada.com or 1-800-267-7377.

Charger Power Adaptors (2)

Base Unit

Handsets (3)

Chargers (2)

Telephone Line Cord

Desk/Wall Mount Bracket

Belt Clips (3)

Base Power Adaptor

Batteries (3)

User's Manual
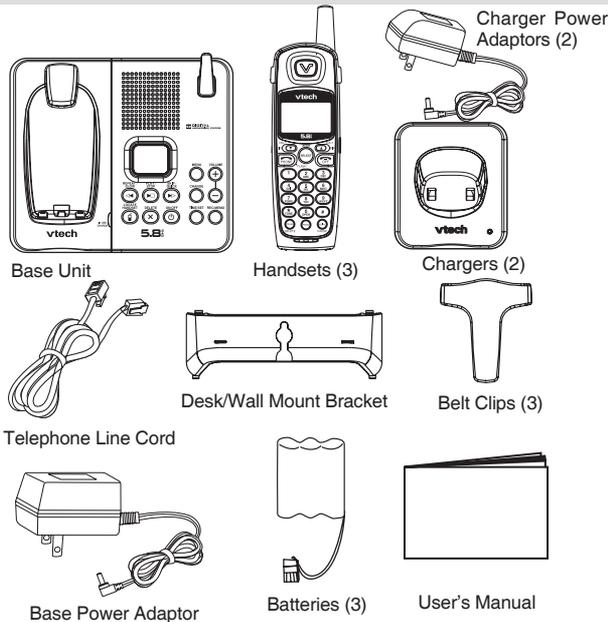
Installation

Choose 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 handsets 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 much as possible.
4. Install your telephone equipment away from heat sources and sunlight.
5. Avoid excessive moisture, dust or extreme cold.

1
2
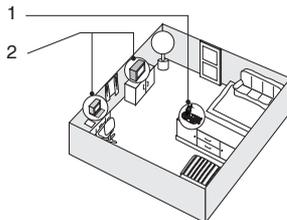
Install Handset Battery
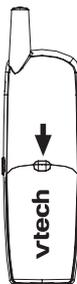
a) Remove battery compartment cover by pressing on the indentation and sliding downwards.
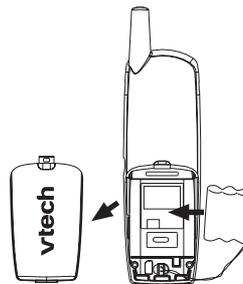
b) Align the two holes in the plug with the socket pins, then snap the plug into place.

c) Place the battery in the compartment with the wires tucked inside.

d) Replace cover by sliding it up into place.

e) Place the handset in its base when not in use to ensure maximum daily performance.

note

• Use only the provided VTech battery, or equivalent.

- Install the base unit away from electronic equipment such as personal computers, television sets or microwave ovens. Avoid excessive heat, cold, dust or moisture.

- Connect the power and telephone line cords to the underside of the base as illustrated.

- Plug the AC adapter into an electrical outlet. If the battery has not been previously charged, place the handset in the base, and allow it to charge for 16 hours (or overnight). Connect the telephone line cord to the wall jack.

Installation

Connect Power and Telephone Line Cords

Standard electrical outlet

Modular telephone jack
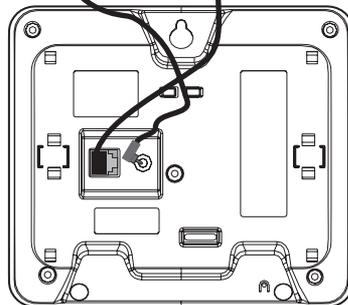
Connect the power cord. After charging the battery for at least 16 hours, connect the telephone line cord.

Installation

Wall Mounting

Your phone base unit is designed to mount on a standard telephone wall plate. Wall mounting is optional. See position one below for instructions.

Desk/Table Installation

To place your base unit on a desk or table, insert the desk/wall bracket as instructed below and shown in position one or two, depending on your preference of how you'd like the base unit to be angled.
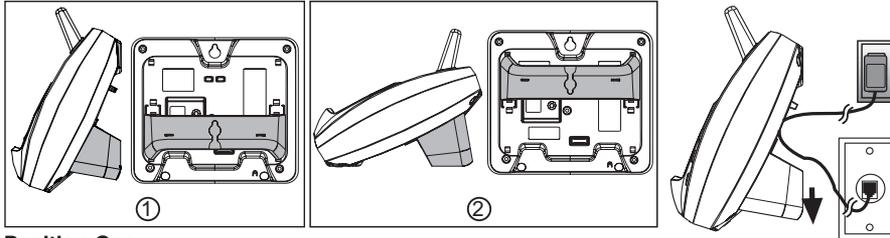
Position One

To mount your phone on a wall, or to place it on a table or desk, refer to the diagrams illustrating position one.

- First insert the lower portion of the bracket into the grooves in the base, then snap the upper portion into place.
- Mount the base on the wall by positioning the base unit so the mounting studs will fit into the holes on the base and wall mount bracket. Slide the base unit down on the mounting studs until it locks into place.

Position Two

This position is an alternate way to install your phone on a table or desk. Position two allows a different viewing angle to your handset and base unit. Refer to the position two diagrams above.

- Insert the upper portion of the bracket into the grooves in the base.
- Snap the lower portion into place.

Installation

Charge the Handset Battery

Place the handset in the base or charger. **NEEDS CHARGING** will appear on the handset. Charge the battery for at least 16 hours the first time.

Set Language Mode

• Press **PROG,** then press ▲ or ▼ until **LANGUAGE** is displayed. Press **SELECT.**

• The current setting blinks. Press ▲ or ▼ until the screen displays the correct language (English, Spanish or French).

• Press **SELECT** to save your selection.

Check for Dial Tone

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

Set the 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'll need to change the dial mode.

• Press **PROG.**

• Press ▲ or ▼ or until the screen displays **DIAL MODE:** and the current setting.

• Press **SELECT.** The current setting blinks.

• Press ▲ or ▼ to select **TONE** or **PULSE.**

• Press **SELECT** to save.

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, you can set the date and time manually:

- Press **PROG,** then press ▼ or ▲ until **DATE/TIME** is displayed. Press **SELECT.**

- The month is flashing. Press ▼ or ▲ until the screen displays the correct month. Press **SELECT**.

- The day is flashing. Press ▼ or ▲ until the screen displays the correct day. Press **SELECT.**

- The hour is flashing. Press ▼ or ▲ until the screen displays the correct hour. Press **SELECT.**

- The minute is flashing. Press ▼ or ▲ until the screen displays the correct minute. Press **SELECT.**

- **AM** or **PM** is flashing. Press ▼ or ▲ to choose between **AM** or **PM.** Press **SELECT**

Handset Ringer Style/Battery Save

You can select from four different handset ringer styles, or turn the ringer off and extend the battery life.

1. With the handset in idle (off) mode, press **PROG**.

2. Press ▼ or ▲ until the screen displays **RINGER:** and current setting.

3. Press **SELECT**. 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 **SELECT** to choose the displayed ringer setting.

note

- In the event of a power outage, or if your phone's power cord is unplugged, the time setting will be lost.

Installation

If you subscribe to DSL service:

If you hear noise 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.

Telephone line cord

Noise filter (For DSL users)

To single telephone jack (RJ11C)
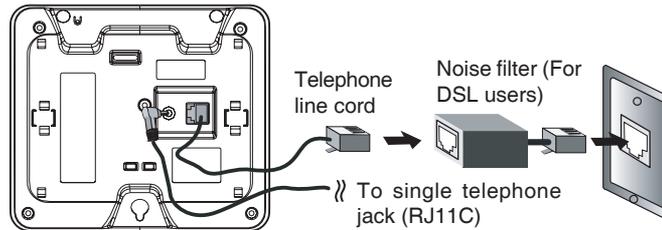
Belt clip (optional)

To attach

To remove
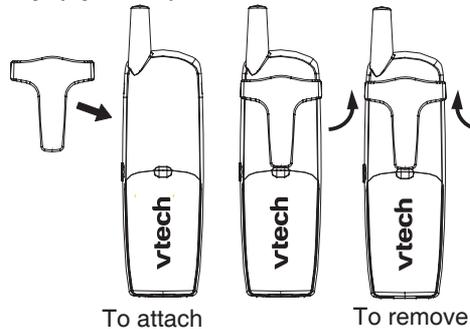
Telephone Operation

Handset Operation

1. **Make a Call**
   Press **PHONE**, then dial the number.
   -OR-
   Dial the number (use ▼ to backspace and make corrections), then press **PHONE** to call.

2. **Flash/Call Waiting**
   During a call, press to receive an incoming call, if call waiting is activated.

3. **Channel**
   Press **CHAN** to switch to a clear channel while on a call.

4. **Delete**
   When viewing the call 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. **Answer a Call**
   Press any key to answer a call (except **OFF**).

6. **▼/CID and ▲/DIR**
   ▼/CID
   • 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.

7. **Select**
   Press to display menu, or to select highlighted item from menu.

8. **Off**
   During a call, press to hang up. While using menus, press to cancel an operation, back up, or exit the menu display

9. **Redial/Pause**
   Press to view redial memory. While entering numbers, press and hold to insert a dialing pause.

10. **Program**
    With the handset in idle (on-hook), press to enter programming mode.
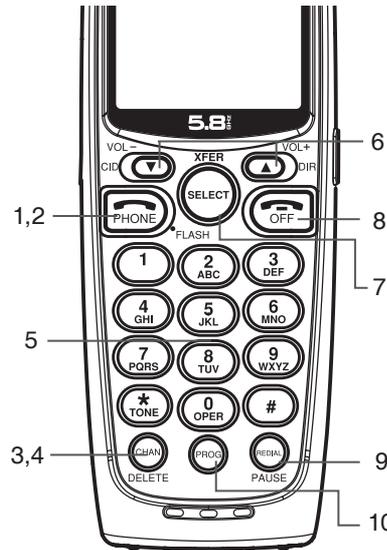
Telephone Operation
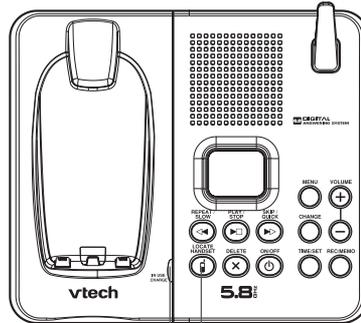
Base Operation

11. CHARGE/IN USE
- Flashes in unison with an incoming call's ringing.
- Flashes slowly when the handset is in use, or the answering system is answering a call.
- Glows steadily when the handset is charging.

12. LOCATE HANDSET
Press to page the handset for up to 60 seconds. Press again, press **OFF** on handset or place handset in base to cancel the page.

11 12

Temporary Tone Dialing
If you have pulse (rotary) service, you can change from dial pulse to touch tone dialing during a call by pressing * **TONE**. This is useful if you need to send touch tone signals for access to 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 service.

Message Waiting
Your phone is designed to work with most local and regional telephone service provider's voice messaging systems to provide an alert on handset when new messages come in. Voice messaging is a subscription service, available through most service providers for a monthly fee. Contact your local telephone company for more information.

Telephone Operation

When you have a message waiting, the handset will display:
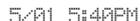
```
MESSAGE WAITING

   5/01 5:40PM
```

Clear Message Waiting Alert

If after you review your message(s) your message waiting alert does not go off, you may manually turn it off by:

1. Press **PROG** on the handset.

2. Press ▼ or ▲ until screen displays **MESSAGE WAITING**.

3. Press **SELECT**, the screen display: **CLEAR? YES**

4. Press ▼ or ▲ to change from **YES to NO**.

5. Press **SELECT**, you'll hear a confirmation tone.

Call Transfer

An external call can be forwarded from one handset (HS1) to any other system handset (HS2 or HS3) by following these steps:

1. While on a call, press **SELECT** on HS1 to forward the call to HS2.
   HS1 will show: HS2 or HS3 will ring and show:

```
CALL TRANSFERRED
```
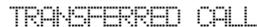
```
TRANSFERRED CALL
```

2. Press **PHONE** on HS2 or HS3 to answer the forwarded call. HS1 will return to the idle mode.

- Only one handset can be on a call at a time. For example, if HS1 is on a call and HS2 or HS3 presses the **PHONE** button, **CAN'T CONNECT** will display.

- If the HS2 or HS3 cannot be found, HS1 will generate a sad tone and continue the call automatically. Before HS2 or HS3 answers, HS1 can press **PHONE** to cancel the forward function and continue the external call.

- If HS2 or HS3 doesn't respond within 30 seconds, HS1 will start ringing until **PHONE** is pressed to pick up the returned call. If it is not answered within another 30 seconds, the external call will end automatically.

Basic Operation

Telephone Operation

Headset Jack

You can use this telephone handsfree when you install any VTech 2.5 mm headset, purchased 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 when you press **PHONE.** Move closer to the base, then press **PHONE** to answer the call.

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

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

Telephone Operation

Display Screen Messages

Screen Displays:	When:
✸✸ RINGING ✸✸	There is a call coming in.
CONNECTING...	The handset is waiting for dial tone.
PHONE ON	The handset is in use.
✸✸ PAGING ✸✸	The base is paging the handset.
BATTERY LOW	The battery needs to be recharged.
SCANNING...	The handset is changing to another of the 30 channels available.
CAN'T CONNECT	1. Displays when one handset is on a call and the other handset presses **PHONE**. 2. Displays when base power is off and **PHONE** is pressed. You'll also hear a sad tone. 3. Displays when an out-of-range dial fails to connect.
RINGER OFF	The handset ringer is turned off.
MESSAGE WAITING	Displays when you have been alerted by the telephone company that you have received new voice mail.

Speed Dialing

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 two button presses. You can also store telephone numbers with names alphabetically in the directory. See **Telephone Directory** for instructions.

Store a Number/Name in Speed Dial

1. Press **PROG**. Then press ▼ or ▲ until the screen displays **SPEED DIAL.**

2. Press **SELECT**. 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					
*	*					
#	&	'	,	-	.	#

Speed Dialing

5. After you enter the name, press **SELECT** or **PROG.** 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 **SELECT** or **PROG** 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 **SELECT** or **PROG** to confirm. If you chose **Y** in **Step 8**, a 🗖 will be displayed with the entry.

Edit a Number/Name Stored in Speed Dial

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 **SELECT**. Then press ▼ or ▲ until **EDIT** flashes.

```
SPEED EDIT ERASE
8005959511
            01
```

3. Press **SELECT**. 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 **SELECT** to move on to edit the number. Use ▼ to backspace and make corrections. Press **SELECT** 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 **SELECT** to save the edited information.

note

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

Basic Operation

Speed Dialing

Delete a Number/Name Stored in Speed Dial
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 you want to delete, press **SELECT**. Then press ▼ or ▲ until **ERASE** flashes.

```
SPEED EDIT ERASE
8005959511
             01
```
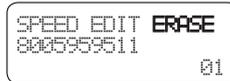
3. Press **SELECT**. The screen displays **ERASE NO YES** and the number. The current choice flashes.
4. Press ▲ until **YES** flashes.
5. Press **SELECT**. You'll hear a confirmation beep.

Dial a Speed Dial Number
1. Press and hold the speed dial location key (1-9) of the entry you wish to dial.
2. Press **PHONE** to dial the displayed memory number.

Reassign 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 **SELECT**. Press ▼ or ▲ until **SPEED** flashes.

```
SPEED EDIT ERASE
8005959511
             01
```
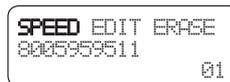
3. Press **SELECT**. The screen displays **ENTER 1-9**.
4. Press the keys (1-9) to reassign this entry into another memory location. You'll hear a confirmation beep.

Telephone 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 Number/Name in the Directory

1. Press **PROG**. The screen displays **DIRECTORY**.

2. Press **SELECT**. The screen displays **ENTER NAME**.

3. Using the chart in page 16, enter up to 15 characters for the name you're storing with the number. Use ▼ to backspace and make corrections; use ▲ to advance and add a space.

4. When you finish entering the name, press **SELECT** or **PROG**. 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 **SELECT** or **PROG**. 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 **SELECT** or **PROG** to confirm. If you chose **Y** in **Step 7**, a ▥ will be displayed with the directory entry.

Edit a Number/Name Stored in the Directory

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.

Basic Operation

Telephone Directory

3. When the screen displays the entry you want to edit, press **SELECT**. Then press ▼ or ▲ until **EDIT** flashes.

```
SPEED EDIT ERASE
8005953511
```

4. Press **SELECT**. 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 **SELECT** to confirm and move on to edit the number. Use ▼ to backspace and make corrections. Press **SELECT** to confirm and move to edit the distinctive ring setting.

5. Press **SELECT** to save the edited information.

Delete a Number/Name Stored in the Directory

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 delete.

3. When the screen displays the entry you want to delete, press **SELECT**. Then press ▼ or ▲ until **ERASE** flashes.

```
SPEED EDIT ERASE
8005953511
```
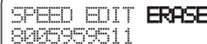
4. Press **SELECT**. The screen displays **ERASE NO YES** and the number. The current choice flashes.

5. Press ▲ until **YES** flashes.

Telephone Directory

6. Press **SELECT**. You'll hear a confirmation beep.

Move a Number/Name to the Speed Dial Memory

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 **SELECT**. Then press ▼ or ▲ until **SPEED** flashes.
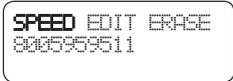
```
SPEED EDIT ERASE
8005959511
```

4. Press **SELECT**. 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 the memory location. You'll hear a confirmation beep. A memory location number (1 through 9) will be displayed with this entry.

Dial a Number from the Directory

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 **PHONE**.

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's calling before you answer the phone, even when you're on another call.

You may need to change your phone service to use this feature. Contact your phone 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 caller waiting service.
- You don't subscribe to any caller ID or call waiting services.

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 they 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

Caller's name ───

Long distance call ───

Caller's telephone number

VTech   ✳   ─── **This party has called more than once.**
L   800-595-9511
        5/01 5:40 PM NEW OLD 28   ─── **Position of call in call history**

Date of call   **Time of call**   **Indicate whether the record is new or old**
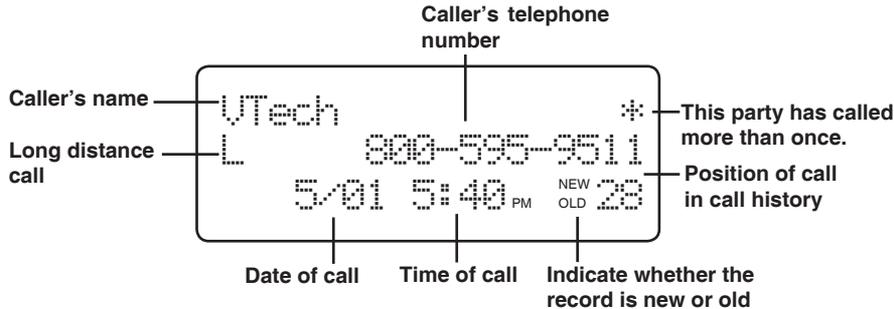
About Call History (Caller ID)
Your phone can store up to 45 calls in its caller ID (CID) memory. When the memory is full, the oldest call will automatically be deleted to make room for new incoming call information.

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.

- If you answer a call before the information appears on the screen, it will not be in the call history.
- Press **OFF** at any time to exit call history.
- Each handset's call log is independent from the other handset. For example, when you delete one or all call log entries from one handset, they will not be deleted from the other handsets.

Basic Operation

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. You can choose to dial with or without the area code, or with or without the 1.

Caller ID

Delete Records from Call History

Delete a Specific Call:

1. Locate the record you want to delete from call history.

2. Press the **DELETE** key to delete. You'll hear a confirmation beep.

Delete All Calls:

1. With the handset in idle (off) mode, press and hold the **DELETE** key to delete. The screen displays **ERASE ALL NO YES**. The current choice flashes.

2. Press ▲ until **YES** flashes.

3. Press **SELECT**. You'll hear a confirmation beep.

Dial a Displayed Number

1. Locate the record in call history that you want to dial.

2. If you wish to change how the number is dialed, press #. The screen displays any alternate dialing sequences available for this call (area code + number; 1 + area code + number; number only; 1+ number). See the side column for more information on changing the dialing format.

3. Press **SELECT**. Press ▼ or ▲ until **DIAL** flashes.

4. Press **SELECT**. The number is automatically dialed.
   — **OR** —

   When the number is correctly displayed for dialing, you want to dial, press **PHONE**.

Store a Call History Record in the Directory

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

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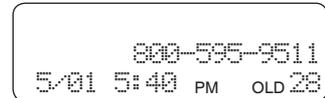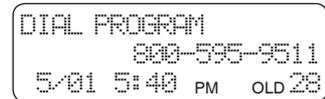
```
DIAL PROGRAM
         800-595-9511
5/01 5:40  PM    OLD 28
```

Caller ID

2. If you wish to change how the number is stored, press **#**. The screen displays any alternate dialing sequences available for this call (area code + number; 1 + area code + number; number only; 1+ number). See the note in the side margin for more information on changing the dialing sequence.

3. Press **SELECT**, then press ▼ or ▲ until **PROGRAM** flashes.

4. Press **SELECT** three times. The screen displays:

5. Press ▼ or ▲ to select **Y** or **N** for distinctive ringer.

6. Press **SELECT**. You'll hear a confirmation beep. If you choose **Y** in step 5, a ▇ will be displayed with the directory entry.

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

```
 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
```

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.

- The time will be set automatically with incoming caller ID data. You can however choose to set the time manually.

- To advance the minute or year by increments of 10, press and hold **CHANGE**.

Answering System Operation At the Base

Audible Indicators

Your phone telephone system gives you voice prompts for feature operations and voice confirmations when you press a button or complete an operation.

Setting the clock

1. Make sure the answering system is on.
2. Press **TIME/SET**. The system announces the clock setting, then announces: *"To begin setting the clock, press* **TIME/SET**, *then press* **CHANGE** *to change the setting or press* **TIME/SET** *to continue."*
3. Press **TIME/SET**. The system announces the current day.
4. Press **CHANGE** until the system announces the correct day, then press **TIME/SET**. The system announces the current hour.
5. Press **CHANGE** until the system announces the correct hour, then press **TIME/SET**. The system announces the current minute.
6. Press **CHANGE** until the system announces the correct minute, then press **TIME/SET**. The system announces the current year.
7. Press **CHANGE** until the system announces the correct year, press **TIME/SET**. The system announces the current clock setting.

About Announcements

- You can record two different announcements — one for normal answering and one for when you've set the system to play the announcement only.

- Use normal answering when you want the system to record callers' messages. Use announce only when you want to give information to callers without accepting messages.

- If you choose not to record an announcement, the system answers with a pre-recorded announcement.

- The normal answering pre-recorded announcement says: *"Hello. Please leave a message after the tone."* The announce only pre-recorded announcement says: *"We're sorry, messages to this number cannot be accepted."*

Answering System Operation At the Base

- By setting announce only to on or off, you decide which announcement your callers will hear when the system answers a call (the system comes set for normal answering, with announce only turned off). See **Set announce only**, located in the **Feature Summary** chart later in this section, to change your announcement selection.

Enter answering system feature setup and choose a feature to set

Select a feature setting

Record outgoing announcements, and memos

Turn answering system on or off

Review/change clock setting; confirm feature settings

Record Your Announcement

1. Press **MENU** until you hear "*Announcement. Press **PLAY** or press **RECORD**. To continue setup, press **MENU**.*"
2. Press **REC/MEMO**. After you hear *"Record after the tone. Press **STOP** when you are done."* followed by a beep, speak toward the base to record an announcement up to 90 seconds long.
3. Press **PLAY/STOP**. The system plays back your recorded message.

To review your announcement at any time:

1. Press **MENU** until you hear "*Announcement. Press **PLAY** or press **RECORD**. To continue setup, press **MENU**.*"
2. Press **PLAY/STOP**, the system plays the current announcement.

To delete your announcement:

Press **DELETE** during announcement playback. The system will use the pre-recorded announcement until you record a new one.

note

- Announcements less than three seconds in length will not be recorded.

Basic Operation

note

Answering System Operation At the Base

Setting Up Your Answering System

You can set up one feature at a time, or you can set up the first feature and then move on to set up the other features in sequence.

1. Make sure the answering system is on.

2. Press **MENU** until the system announces the feature you want to set. Refer to the **Feature Summary** below for a description of the features and your choices.

3. Press **CHANGE** until the system announces the desired setting.

4. Press **TIME/SET** to confirm your selection.

5. Press **MENU** to move on to the next feature, or press **PLAY/STOP** to exit feature setup.

Feature Summary

Default settings indicated by * .

System Announce	Description/Directions
"Remote access code. To change the setting press CHANGE." 19*	Set the remote access code you will use to access features and functions of the answering system from a touch tone phone. You can select any two digit code, from 10 to 99.
"*Message alert. To change the setting press CHANGE*." Off* On	When message alert is turned on, the base beeps once every 10 seconds when new messages have been received.
"*Announcement only, record no messages. To change the setting press CHANGE*." On Off*	When you turn announce only on, callers hear your announcement, but cannot leave a message.

Answering System Operation At the Base

"*Base ringer. To change the setting press **CHANGE**.*" On* Off	Turn the base ringer on or off.
"*Number of rings. To change the setting press **CHANGE**.*" 2 4* 6	Choose how many times the phone will ring before the system answers a call.
Toll Saver	With toll saver active, the system answers after two rings when you have new messages and after four when you have no new messages.

Listen to, Save & Delete Messages

The system automatically saves your messages until you delete them, and can store approximately 15 minutes of messages, memos, and announcements (up to a maximum of 99 messages). A message or memo can be up to four minutes long.

The message window will flash to alert you to new, unplayed messages. If all messages have been reviewed, the number displayed in the window will glow steadily. If the system contains both old and new messages, it will play only the new messages first. After all new messages are played, press the **PLAY/STOP** to hear all messages.

Before playing a message, the system announces the day and time it was received. While the message plays, the message window displays the number of the message. After playing the last message in a mailbox, the system announces "*End of messages.*" If the system has less than five minutes of recording time left, it announces remaining time.

- You can exit feature setup at any time by pressing a **PLAY/STOP**.

- If the system has less than 30 seconds of record time left, the answering system turns off. The system will answer after 10 rings and announce "*Memory is full. Enter remote access code.*" and wait for the caller to enter the remote access code.

Answering System Operation At the Base

Press to repeat a message; hold to back up and play the previous message.

Delete Messages
- To delete a message, press **DELETE** while the message is playing.
- Press **and hold DELETE** to delete all old messages.
- You cannot delete a message until it's been reviewed; deleted messages cannot be recovered.

Message Window
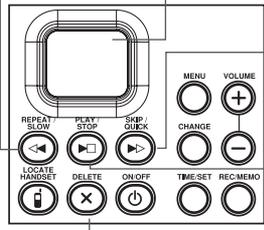
Press to skip to the next message; hold to speed up playback.

Play Messages
Press to play messages. Press again to stop playback.

Call Screening/Intercept
1. Make sure the answering system is on, and set the message playback volume control above level 1 so you can hear the caller's message.
2. If you decide to answer the call, press **PHONE** on the handset.

Record a Memo
You can record a memo up to four minutes long, which is stored as an incoming message.
1. Press and release **REC/MEMO**.
2. The system announces "*Record after the tone. Press **STOP** when you are done.*" After the beep, speak toward the microphone. The message window displays the length of your memo up to 99 seconds, if you record a memo longer than 99 seconds, 99 continues to flash until you finish.
3. To stop recording, press the **PLAY/STOP** again.

Answering System Operation At the Base

Window Display:	When:
0	No messages.
1-98	Total number of messages, or message number during message playback.
0-99 <--> F	Memory is full, or total number of messages is 99.
1 to 99 (counting)	Duration of announcement or memo recording (maximum length of announcement is 90 seconds).
99 (flashing)	Length of recording is more than 99 seconds.
1-8 (on steady for one second)	Indicates volume level selected when **VOL**- or **VOL**+ is pressed.
10 - 99	Current remote access code while setting.
A	Announce only mode.
1-98 and A (alternating)	System is set to announce only mode and the memory is full.
ON or OFF (steady for one second)	Display when any setting is changed from on or off.
CL <--> (normal display)	Clock needs to be set.
-- (steady)	System is answering a call or is in remote operation.
-- (flashing)	System is in programming mode or initializing.

Answering System Operation - Remote Access

Connect with the Answering System
You can access many features of this system remotely from a touch tone phone.

1. Dial your telephone number.
2. When the system answers, enter your remote access code (preset to **19**). The system beeps once and then announces the number of new messages.
3. Enter a remote command (see **Remote Access Commands**).
4. To end remote access, simply hang up the phone.

Voice Menu
The system has voice prompts to help you with remote operation. Press *** 5** to hear the menu while remotely connected to the answering system.

Remote Access Commands

Function:	Command:
Play messages	Press **1** to play all messages. Press **2** to play new messages. If there are no new messages, the system plays old messages.
Repeat a message	Press **4** while message is playing; press **4 4** to back up previous message.
Skip a message	Press **6** while message is playing; each press advances to the next message.
Stop	Press **5**.
Help	Press ***5**.
Save messages	Hang up.

Answering System Operation - Remote Access

Function:	Command:
Delete message	Press **3** while message is playing. Press **3 3** to delete all old messages.
Review announcement	Press **#7**; system plays announcement, then beeps.
Record announcement	Press ***7**; after beep, record announcement, press **5** to stop. System plays back announcement.
Record memo	Press **8**, speak after beep; press **5** when finished.
Turn system off	Press **0**; the system announces, *"Answering machine off."* Press **0** again to turn the system back on.
Turn system on	When system is off, it answers after 10 rings and announces, Please enter your remote access code. Enter your remote access code, then press **0** to turn the answering system on.
Review remote access code	Press **#9**.
Change remote access code	Press ***9** to change remote access code, then enter desired remote access code from 10-99.

note

- If no key is pressed within 10 seconds of entering remote access, the voice menu will be announced. After the voice menu announcement, if no key is pressed within 20 seconds, the remote access call will automatically end.
- If accessing from a touch tone telephone, press #5 to stop recording.

Basic Operation

- 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 your 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 6 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 in 16 hours.
- You can keep the battery fully charged by returning the handset to the base after each use.

Replacing 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.
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.
5. The new battery must be charged before using the phone. Place the handset in the base and allow it to charge for at least 16 hours the first charge. The telephone might operate before that, but for best performance, let the battery charge fully.
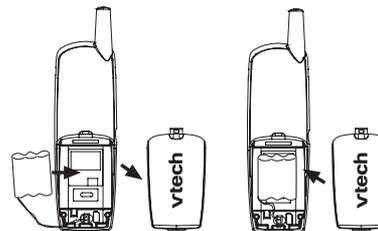
Troubleshooting

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.	• Make sure the power cord is plugged in. • Make sure the telephone line cord is plugged firmly into the base unit and the telephone wall jack. • Charge the battery in the handset for 16 hours. For optimum daily performance, return the handset to its base when not in use. • 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. • You may need to purchase a new battery, please refer to the **Batteries** section of this user's manual.
I cannot get a dial tone.	• First try all the suggestions above. • Move the handset closer to the base. You might have moved out of range. • Your line cord might be malfunctioning. Try installing a new line cord. • If the previous suggestions don't work, disconnect the base unit from the telephone jack and connect a different phone. If there is no dial tone on that phone either, the problem is in your wiring or local service. Contact your local telephone company.

Additional Information

Troubleshooting

Problem	Suggestion
I cannot dial out.	• 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. • 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 Installation section of this user's manual to set the dial mode. • 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.) • 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.
My handset beeps five times and isn't performing normally.	• 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. • Move the handset closer to the base. You might have moved out of range. • If the handset is in its base and the charging light does not come on, refer to **Charge Light is Off** in this troubleshooting guide. • 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. • 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.

Troubleshooting

Problem	Suggestion
CAN'T CONNECT displays on my handset.	• Only one handset of your phone system can be in use (off hook) at a time. For example, if HS1 is on a call and HS2 presses the **PHONE** button, **CAN'T CONNECT** will display. Be sure only one handset is in use at a time. • Move the handset closer to the base. You might have moved out of range. • If the handset is in its base and the charging light does not come on, refer to The charge light is off in this troubleshooting guide. • 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. • 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.
The batteries will not hold a charge.	• Charge the battery in the handset for 16 hours. For optimum daily performance, return the handset to its base when not in use. • You may need to purchase a new battery, please refer to the **Batteries** section of this user's manual. • Your phone might be malfunctioning. Please refer to the **Warranty** section of this user's manual for further instruction.
If you subscribe to DSL service	If you hear noise 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.

Additional Information

Troubleshooting

Problem	Suggestion
I get noise, static, or weak signal even when I'm near the base.	• Press the **CHAN** button while on a call until the interference has been eliminated. • 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. • 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. • 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. • Relocate your phone to a higher location. The phone will likely get better reception not installed in a low area. • 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.)
I hear other calls while using my phone.	• 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.
I hear noise in the handset, and none of the keys or buttons work.	• Make sure the power cord is plugged in.

Troubleshooting

Problem	Suggestion
My handset does not ring when I receive a call.	• Make sure you have the ringer activated. Refer to the section(s) on ringer selection in this user's manual. • 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. • You may be too far from the base unit. • Charge the battery in the handset for 16 hours. For optimum daily performance, return the handset to its base when not in use. • 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. • The layout of your home or office might be limiting the operating range. Try moving the base to another location, preferably on an upper floor. • 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.) • 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.) • 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 • Your line cord might be malfunctioning. Try installing a new line cord.

Additional Information

Troubleshooting

Problem	Suggestion
My calls fade or cut in and out while I'm using my handset.	• Press the **CHAN** button while on a call until the interference has been eliminated. • 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 • 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. • 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. • Relocate your phone to a higher location. The phone will get better reception not installed in a low area. • 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.)
The charge light is off.	• Clean the handset and base charging contact each month using a pencil eraser or cloth. • Make sure the power and line cords are plugged in correctly and firmly. • 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. • Your phone might be malfunctioning. Please refer to the **Warranty** section of this user's manual for further instruction.

Troubleshooting

Problem	Suggestion
My Caller ID isn't working.	• Caller ID is a subscription service. You must subscribe to this service for this feature to work on your phone. • Your caller must be calling from an area that supports caller ID. • Both you and your caller's telephone companies must use caller ID compatible equipment.
My answering machine is not recording messages.	• Make sure system is turned ON (the ON/OFF key is illuminated). • Make sure the announce only feature is set to OFF.
I cannot hear recorded messages.	• Using the base volume control, raise the volume to a comfortable listening level.
CL is flashing in the base message display window.	• You need to set the day and time. Refer to the section(s) on setting day and time in this user's manual. • Make sure announce only feature is set to **OFF**
Common cure for electronic equipment.	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): 1. Disconnect the power to the base. 2. Disconnect the handset battery, and spare battery, if applicable. 3. Wait a few minutes. 4. Connect power to the base. 5. Re-install the battery(ies). 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.

Additional Information

Maintenance

Taking care of your telephone

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

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

Avoid water
Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install 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.

Warranty Statement

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.

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

Warranty Statement

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 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.

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:

Additional Information

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.

Frequency Control	Crystal controlled PLL synthesizer
Transmit Frequency	Base: 912.75 - 917.10 MHz Handset: 5863.80 - 5872.5 MHz
Receive Frequency	Base: 5863.80 - 5872.5 MHz Handset: 912.75 - 917.10 MHz
Channels	30
Nominal Effective Range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Size	Handset: 184mm X 52mm X 41mm Base: 160mm X 144mm X 104mm (with wall mount) Charger: 85mm X 78mm X 50mm
Weight	Handset: 130 grams Base: 347 grams (with wall mount) Charger: 61grams
Power Requirements	Handset: 600mAH Ni-Cd Battery Base: 9V DC @ 400mA Charger: 6V DC @ 200mA
Memory	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

Additional Information

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