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.

1

Important Safety Instructions

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

2

Before You Begin

Enhanced 2.4GHz Technology - Dual band transmission combines the best of 2.4GHz and 900MHz technologies, providing enhanced performance over standard cordless telephones.

About Caller Identification (Caller ID)

Your **t 2429** 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 call 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.
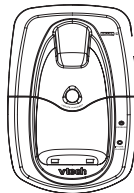
Parts Check List:

1. Base Unit	5. Handset
2. Power Adapter	6. Telephone Line Cord
3. Battery	7. Belt Clip
4. Owner'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, call VTech Telecommunications Canada Ltd. at 1-800-267-7377.
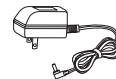
Handset

Base Unit
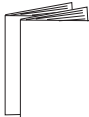
Telephone Line Cord

Power Adapter
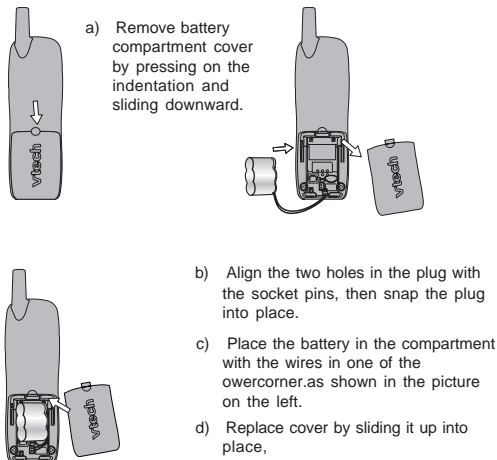
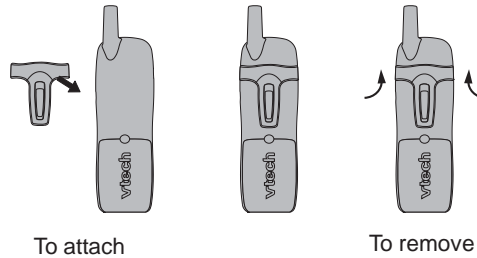Battery

Owner's Manual (English and Spanish)

Belt Clip

3

Installation

Before You Install
1. Choose a location for the base near an electrical outlet and a telephone jack. This phone requires a modular telephone jack and a standard electrical outlet (110v AC) not controlled by a wall switch. Plug the AC power adaptor into the electrical outlet and the DC connector to the jack on the bottom of the base unit.
2. Install the handset battery. Use only the battery provided or recommended by VTech.

a) Remove battery compartment cover by pressing on the indentation and sliding downward.

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 in one of the owercorner.as shown in the picture on the left.

d) Replace cover by sliding it up into place,

3. Attach the belt clip to the cordless handset (optional).

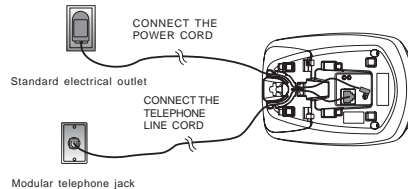To attach   To remove

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

Table/Desk Installation
4. **Charge the Handset Battery**
   Place the handset in the base. Charge the battery at least for 24 hours the first time.
5. **Check for Dial Tone**
   After the batteries are charged, connect the modular telephone cord between a live phone jack and the jack located on the bottom of the base unit. Pick up the handset and press **PHONE**. You should hear a dial tone.

4

Installation

CONNECT THE
POWER CORD

Standard electrical outlet

CONNECT THE
TELEPHONE
LINE CORD

Modular telephone jack

6. **Set the Dial Mode**
   If you have touch tone service, the phone is ready to use as soon as the batteries are charged.
   If you have dial pulse (rotary) service, you'll need to change the dial mode.
   • Press **PROG** on the handset.
   • Press ▼ or ▲ until the screen displays **DIAL MODE**: and the currently selected mode.
   • Press **SELECT**. The current setting blinks.
   • Press ▲ to select **TONE** or **PULSE.**
   • Press **SELECT** to save.

7. **Set Time and Date**
   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 CID service, you can set the date and time manually.
   • Press **PROG** on the handset.
   • 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**.

8. **Set Language Mode**
   • Press **PROG**, and then press ▼ or ▲ until **LANGUAGE** is displayed. Press **SELECT**.
   • The current setting blinks. Press ▼ or ▲ until the screen displays the correct language(**English,Espanol or French**).
   • Press **SELECT** to save the language mode.

9. **Clear Message Waiting Alert**
   • Press **PROG**.
   • Press ▼ or ▲ until screen displays **MESSAGES WAITING**. Press **SELECT**.
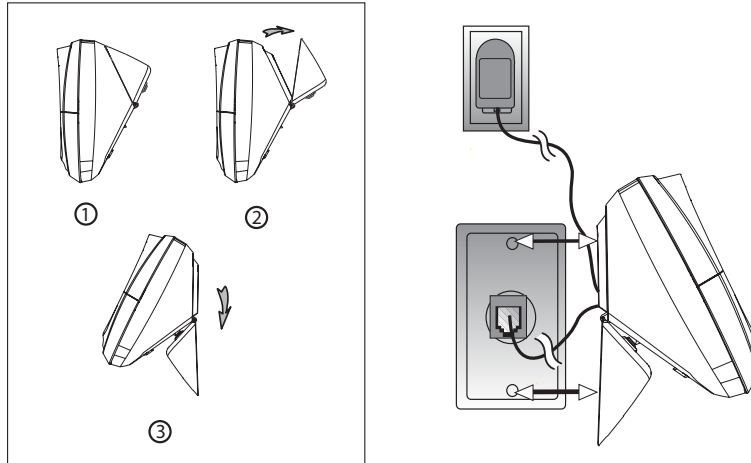   • **LIGHT OFF** and the current setting will display.

5

Installation

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

```
LIGHT OFF: YES
```

- Press **SELECT** to choose the desired setting. You'll hear a confirmation tone.

Wall Installation on a standard Wall Plate

Your **t 2429** base unit is designed to mount on a standard telephone wall plate. Wall mounting is optional.

1. Open the hinged wall mount bracket on the underside of the base, then swivel it down and lock it into place as shown in the diagram above.

2. Run the power and telephone cords through the slot, then connect them to the jacks located on the underside of the base.

3. 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 15 hours (or overnight). Connect the telephone line cord to the wall jack.

4. Mount the base on the wall. Position the base unit so the mounting studs will fit into the holes on the wall mount bracket. Slide the base unit down on the mounting studs until it locks into place.

6

Telephone Operation

Handset Operation

Answer a Call
Press any key
except **OFF**.

Hold
Press to put a call on
hold. Press again to
release hold.
-OR-
Use the extension
phone to pick up the
call.

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

Flash/Call Waiting
Access special
telephone company
subscriber services.
During a call, press to
receive
an incoming call, if call
waiting is activated.

Channel
Switch to a clear channel while
on a call.

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

Handset Volume
Adjust the volume while
on a call. A double beep
will sound when you
reach the maximum or
minimum setting.

Select
Use **SELECT** in conjunc-
tion with **PROG** during
handset programming.

End a Call
Press **OFF**.
-OR-
Place handset
in it base.
**Exit
Programming
Cancel a Page**

Redial
Press **PHONE**, then press **RE-
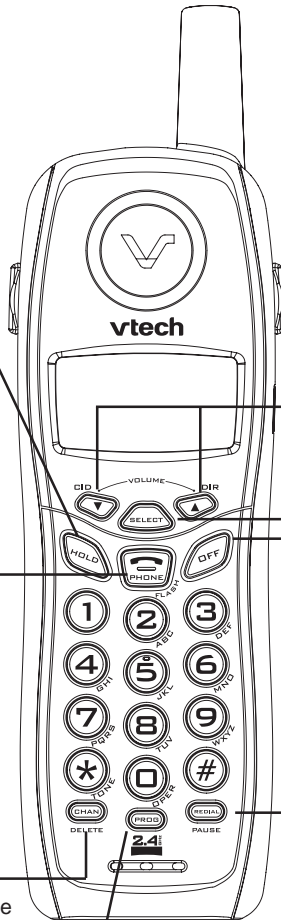DIAL/PAUSE** to call the the last
number dialed (up to 32 digits).
-OR-
Press **REDIAL/PAUSE**, then
press **PHONE** to call the last
number dialed.

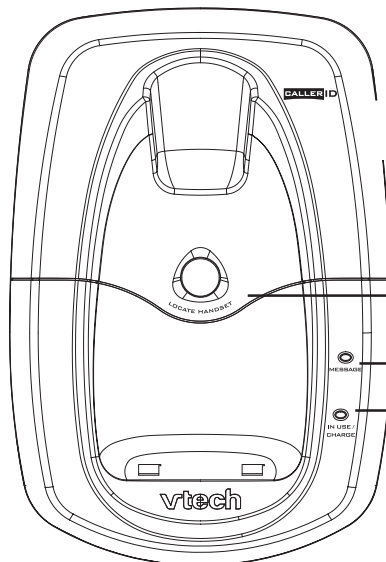Press **REDIAL/PAUSE** twice to
delete the last number dialed.

Pause
Press **REDIAL/PAUSE** to inset
a pause when entering num-
bers.

Program
Enter programming
mode with handset
idle (on hook).

7

Telephone Operation

Message Waiting Indicator

If you subscribe to telephone company voice mail with a visual message waiting signal, this light flashes, and **MESSAGES WAITING** displays in the handset screen, when you have voice mail waiting.

Locator Handset

Press to page the handset up to 60 seconds.

Press again, press **OFF** on handset, or place handset in the base to cancel the page.

In Use/Charging Indicator

• Flashes slowly when the handset is in use.
• Flashes rapidly when a call is on hold.
• Glows steadily when the handset is charging in its base.

8

Telephone Operation

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. Make sure the handset is off.
2. Press **PROG/CHAN**.
3. Press ▼ or ▲ until the screen displays **RINGER:** and the current setting.
4. Press **SELECT.** The current setting blinks, and you will hear a sample of the ring.
5. Press ▼ or ▲ to select **RINGER:1, 2, 3, 4**, or **OFF**.
6. Press **SELECT** to confirm your selection.

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.

Headset Jack

You can use this telephone handsfree when you install any VTech 2.5mm 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.

Telephone Operation

Operating Range

Your **t 2429** 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**.

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.
MESSAGE WAITING	You have received telephone company voice mail.
✳✳ PAGING ✳✳	The base is paging the handset.
HOLD	There is a call on hold.
BATTERY LOW	The battery needs to be recharged.
SCANNING...	The handset is changing to another of the 30 channels available.
NO CONNECT	Displays and a sad tone sounds when the base power is off and **PHONE** is pressed.
RINGER OFF	The handset ringer is turned off.

10

Telephone Memory

Your **t 2429** cordless phone can store 9 telephone numbers with names (up to 15 characters for the name and 24 digits for the number for each location) in memory locations you assign (1 through 9).

NOTES: The entries you stored in speed dial memory will be marked with 01 through 09 in the telephone directory.

Press **OFF** at any time to exit memory dial mode.

Store a Number and Name in Memory

1. Press **PROG** on the handset.
2. Press ▼ or ▲ until the screen displays **SPEED DIAL**.
3. Press **SELECT**. The screen displays **ENTER 1-9**.
4. Press the key (1 through 9) for the memory location where you're storing this entry. If the selected location is empty, the screen displays **ENTER NAME**.

NOTE: Take caution when assigning speed dial location numbers (01-09) in memory. If the location already has an entry stored, the new entry will be stored over the old and it will be deleted. Be careful not to save over entries you do not wish to delete from memory. If memory is full, after press **SELECT**. **MEMORY FULL** will display with error tones.

5. Using the chart below, 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.

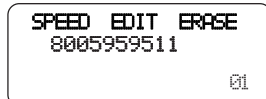| Dial Key	Presses					
	1	**2**	**3**	**4**	**5**	**6**
1	1					
2	A	B	C	2		
3	D	E	F	3		
4	G	H	I	4		
5	J	K	L	5		
6	M	N	O	6		
7	P	Q	R	S	7	
8	T	U	V	8		
9	W	X	Y	Z	9	
0	0					
*****	*					
#	&	'	,	-	.	#

11

Speed Dialing

6. When you finish entering the name, press **SELECT** or **PROG**. The screen displays **ENTER NUMBER.**
7. Enter the telephone number. Use ▼ to backspace and make corrections. Press **REDIAL/PAUSE** to store a pause in the dialing sequence.
   -OR-
   Press **REDIAL/PAUSE** to display the last number (up to 24 digits long) dialed from this phone.
8. Press **SELECT** or **PROG** to store your entry. The screen displays **DISTINCT RING?** and the current setting.
9. Press ▼ or ▲ to change the setting. Choose **Y** (for yes) if you wish the phone to alert you to calls from this number by changing to a distinctive ringing pattern after the first ring. Choose **N** for a normal ringing pattern.
10. Press **SELECT** or **PROG** to confirm your selection. If you chose **Y,** a ▯ will be displayed with the directory entry.

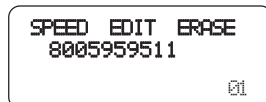### Edit a Number/Name Stored in Memory
1. Press and hold the memory location key of the entry you wish to edit.
2. When the screen displays the number you want to edit, press **SELECT**. Then press ▼ or ▲ until **EDIT** flashes.

```
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 and edit the number. Press **SELECT** to move on and edit the distinctive ring setting.
4. Press **SELECT** to save the edited information.

Delete a Number/Name Stored in Memory
1. Press and hold the memory location key of the entry you wish to delete.
2. When the screen displays the number 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.
4. Press ▼ or ▲ until **YES** flashes.
5. Press **SELECT**.You'lll hear a confirmation beep.

Dial a Memory Number
1. Press and hold the memory location key of the entry you wish to dial.
2. When the screen displays the number you want to dial, press **SELECT.** Then press ▼ or ▲ until **DIAL** flashes.

12

Speed Dialing

```
┌─────────────────────────────┐
│  SPEED  EDIT  ERASE         │
│    8005959511               │
│                             │
│                        01   │
└─────────────────────────────┘
```

3. Press **SELECT**. The phone automatically dials the number.
   -OR-
   When the screen displays the number you want to dial, press **PHONE**.

Reassign locations in memory

1. Press and hold the memory location key (1-9) of the entry you wish to reassign.
2. When the screen displays the entry you want to reassign, press **SELECT**. Then press ▼ 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.

13

Telephone Directory

Your **t 2429** cordless phone can store 50 (including 9 speed dial entries) telephone numbers with names (up to 15 characters for the name and 24 digits for the number in each location). Entries are stored alphabetically. For consistency with CID entries, you may wish to enter last names first.

NOTE: Press **OFF** at any time to exit directory.

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 below, 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.

Dial Key	Presses					
	1	**2**	**3**	**4**	**5**	**6**
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					
*	*					
#	&	'	,	-	.	#

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 in the dialing sequence.
   -OR-
   Press **REDIAL/PAUSE** to display the last number (up to 24 digits long) dialed from this phone.
6. Press **SELECT** or **PROG**. The screen displays **DISTINCT RING?** and the current setting.
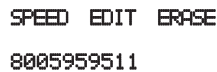
14

Telephone Directory

7. Press ▼ or ▲ to change the setting. Choose **Y** (for yes) if you wish the phone to alert you to calls from this number by changing to a distinctive ringing pattern after the first ring. Choose **N** for a normal ringing pattern.
8. Press **SELECT** or **PROG/CHAN** to confirm your selection. If you chose **Y**, a ▯ will be displayed with the directory entry.

NOTE: When memory is full the screen displays **MEMORY FULL** , an error tone sounds, and you will not be able to store a new number until you delete a stored number.

Edit a Number/Name Stored in the Directory
1. Press ▲ (**DIR**). 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.
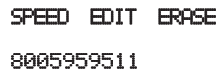3. When the screen displays the number you want to edit, press **SELECT**. Then press ▼ or ▲ until **EDIT** flashes.

```
 SPEED  EDIT  ERASE

 8005959511
```

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 move on and edit the number. Press **SELECT** to move on and edit the distinctive ring setting.
5. Press **SELECT** to save the edited information.

Delete a Number/Name Stored in the Directory
1. Press ▲ (**DIR**). 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 number you want to delete, press **SELECT**. Then press ▼ or ▲ until **ERASE** flashes.

```
 SPEED  EDIT  ERASE

 8005959511
```

4. Press **SELECT**. The screen displays **ERASE NO YES** and the number. The current choice flashes.
5. Press ▼ or ▲ until **YES** flashes.
6. Press **SELECT**. You'll hear a confirmation beep.

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Telephone Directory

Dial a Number from the Directory

1. Press ▲ (**DIR**). 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.
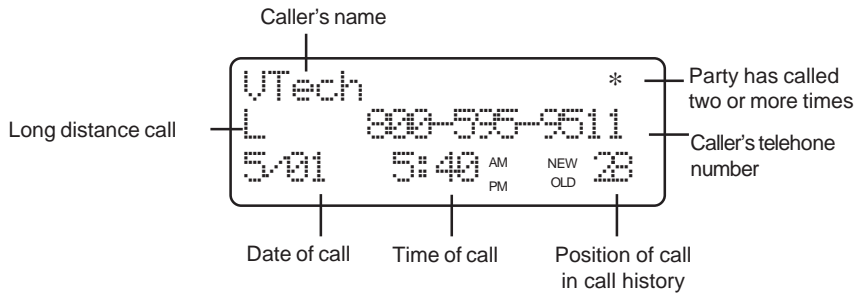3. When the screen displays the number you want to dial, press **PHONE**.

Move a Number/Name to the Memory

1. Press ▲ (**DIR**). The screen displays **DIRECTORY**.
2. Press ▼ or ▲ to scroll alphabetically through entries stored in directory.
   -OR-
   Press the dial 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.
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 (01-09) will be displayed with this entry.

16

Caller ID Operation

Caller's name

VTech   ✱   — Party has called two or more times

Long distance call —— L   800-595-9611   — Caller's telephone number

5/01   5:40 AM NEW 28
              PM OLD

Date of call   Time of call   Position of call in call history

About Call History (Caller ID)

Your **t 2429** can store up to 90 calls in its caller ID memory. The most recent call will have the highest number. When the memory is full, the oldest call will 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.

If you answer a call before the information appears on the screen, it will not be in the call history.

Review Call History

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

Delete Records from Call History

Delete a Specific Call:

1. Locate the record you want to delete from call history.
2. Press **DELETE**. You'll hear a confirmation beep.

Delete All Calls:

1. With the handset in idle (**OFF**) mode, press and hold **DELETE**. The screen displays **ERASE ALL NO YES**. The current choice flashes.
2. Press ▼ or ▲ 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 alternate dialing sequences available for this call (area code + number; (1 + area code + number; number only; 1+ number).
3. Press **SELECT**. Press ▲ until **DIAL** flashes.

BASIC OPERATION

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Caller ID Operation

```
DIAL   PROGRAM
           8005959511

5/01 5:40PM    OLD28
```

4. Press **SELECT**. again. The number is automatically dialed.
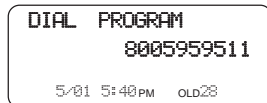   **-OR-**

   When the number is correctly displayed for dialing, 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.
2. If you wish to change how the number is stored, press**#**. The screen displays alternate dialing sequences available for this call (area code + number; 1 + area code + number; number only; 1+ number).
3. Press **SELECT**. then press ▲ until **PROGRAM** flashes.

```
DIAL   PROGRAM
           8005959511

5/01 5:40PM    OLD28
```

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

```
DIAL   PROGRAM
           8005959511

5/01 5:40PM    OLD28
```

5. Press ▼ or ▲ to select **Y** or **N** for distinctive ringer.
6. Press **SELECT**.Youwill hear a confirmation beep.If you choose **Y** in step 5 a ▯ will be displayed with the directory entry.

Display Screen Messages

Screen Displays:	When:
PRIVATE	The other party is blocking name information.
	The other party is blocking name and number information.
UNKNOWN	You phone company is unable to receive information about this caller name.
	Your phone company is unable to receive information about this caller name and number.

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Batteries

## Battery Care and Maintenance
- 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 displays the low battery icon.
- Place the handset in the base so the **CHARGING** light turns on. The battery is typically fully charged in 15 hours.
- You can keep the battery fully charged by returning the handset to the base after each use.
- If you repeatedly get a low battery indicator, even after charging overnight, the battery should be replaced. Use only VTech batteries.

CAUTION: 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 this user manual.

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. Place the battery in the compartment with the wires in the lower left corner, along the bottom of the battery.
4. Replace the cover by sliding it up into place.
5. Replace the cover by sliding it up into place. The new battery must be charged before using the phone. Place the handset in the base and allow it to charge for at least 24 hours for the first charge. The telephone might operate before that, but for best performance, let the battery charge fully.

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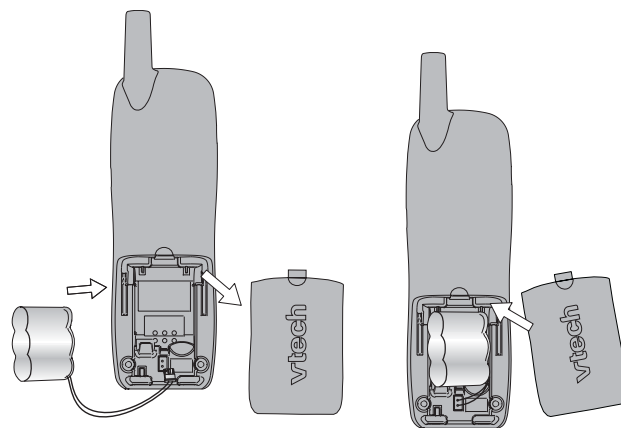
In Case of Difficulty

For Customer Service, visit us on the web at www.vtechphones.com or call 1-800-595-9511. Please retain your receipt as your proof of purchase.

If the phone doesnít work at all, check these items first:
- Make sure the AC adapter is plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the base unit and the modular jack.
- If the handset does not beep when you press **PHONE**, the battery might need charging.
- Make sure the battery is installed correctly.
- If you have dial pulse (rotary) service on your phone line, make sure the dial mode is set to dial pulse (see **INSTALLATION**).
- Microwave appliances may cause interference with this phone. If you experience interference, move away from the microwave

If the above suggestions donít solve the problem, try reinitializing the handset and base:
1. Disconnect the power to the base.
2. Remove the handset battery.
3. Wait a few minutes.
4. Connect the power to the base.
5. Insert the handset battery.
6. Put the handset in the base to reinitialize.

If the phone does not ring when you receive a call:
- Make sure the handset ringer is on.
- Make sure the telephone line cord is connected firmly to the base and the telephone jack.
- Make sure the AC adapter is plugged firmly into an outlet not controlled by a wall switch.
- You might be too far from the base; move closer.
- You might have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of them.

If you hear noise or interference when using the phone:
- You may be out of range. Move closer to the base.
- Press and release **CHAN/DELETE** to change to another of the 30 channels available. If noise is exceptionally loud, move closer to the base before changing channels.
- Household appliances plugged into the same circuit as the base can sometimes cause interference. Try moving the appliance or the base to another outlet.
- Using the handset near household appliances (microwaves, computers, television, stereos, etc.) can sometimes cause interference. Move away from appliances while using the handset.
- 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.

ADDITIONAL INFORMATION

In Case of Difficulty

- If the buttons don't work, try placing the handset in the base for at least 15 seconds.

If you hear other calls while using your phone:
- Press **CHAN/DELETE** to change to another channel.
- Disconnect the base from the modular jack and plug in a corded telephone. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone service company.

If you lose a call after changing channels:
You were probably almost out of range. Move closer to the base before changing channels. Before placing another call, set the handset in the base for at least 15 seconds.

If you are unable to operate special telephone services or other equipment requiring touch tone signals:
If you have dial pulse (rotary) service, follow the directions under **Temporary Tone Dialing** in the **TELEPHONE OPERATION** section of this manual.

If the MESSAGE light on the base does not go off, even after youíve listened to voice mail messages:
1. Press **PROG**.
2. Press ▲ until the screen displays **MESSAGES WAITING**.
3. Press **SELECT**. The screen displays **LIGHT OFF: YES**.
4. Press **SELECT** again to turn off the **MESSAGE** light on base.

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.

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 Statement

What does this limited warranty cover?

ï   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 (ìMaterially Defective Productî)?

ï   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 anew or refurbished product of the same or similar design.VTech will return repaired or replacement products to you in working condition.VTech willretain defective parts, modules, or equipment. Repair or replacement of Product, at VTech's option, is your exclusiveM remedy. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

ï   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
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.

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Warranty Statement

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

ï 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.

ï 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.

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FCC, ACTA and IC Regulations

This equipment complies with Parts 15 of the Federal Communications

Commission (FCC) rules for the United States.It also complies with regulations RSS210 and CS-03 of Industry and Science 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.

A label is located on the underside of the Base Unit containing either the FCC registration number and Ringer Equivalence Number (REN) or the IC registration numberand Load Number. You must, upon request, provide this information to your local telephone company.

This equipment is compatible with inductively coupled hearing aids.

Should you experience trouble with this telephone equipment, please contact:

VTech Communications Inc

CUSTOMER SERVICE. at1-800-595-9511.In Canada, call VTech Telecommunications Canada Ltd. at 1-800-267-7377.

For repair/warranty information, the telephone company may ask you to disconnect this equipment from the line network until the problem has been corrected.

FCC Part 15

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equiment.

The equipment has been tested and found to comply with part 15 of the FCC rules. These limits are designed 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 equiment 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 and 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 or on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

FCC Part 68 and ACTA

If this equipment was approved for connection to the telephone network prior to July 23, 2001, it complies with Part 68 of the Federal Communications Commission (FCC) rules. If the equipment was approved after that date, it complies with the Part 68 rules and with Technical Requirements for Connection of Equipment to the Telephone Network adopted by the Administrative Council for Terminal Attachments (ACTA). We are required to provide you with the following information.

ADDITIONAL INFORMATION

FCC, ACTA and IC Regulations

1. Product identifier and REN information

The label on the back or bottom of this equipment contains, among other things, an identifier indicating product approval and the Ringer Equivalence Number (REN). This information must be provided to your local telephone company upon request. For equipment approved prior to July 23, 2001, the product identifier is preceded by the phrase "FCC Reg No." and the REN is listed separately. For equipment approved after that date, the product identifier is preceded by "US" and a colon (:), and the REN is encoded in the product identifier without a decimal point as the sixth and seventh characters following the colon. For example, the product identifier US:AAAEQ03T123XYZ would indicate an REN of 0.3. The REN is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. In most, but not all areas, the sum of all RENs should be five (5.0) or less. You may want to contact your local telephone company for more information.

2. Connection and use with the nationwide telephone network

The plug and jack used to connect this equipment to the premises wiring and the telephone network must comply with the applicable Part 68 rules and technical re quirements adopted by ACTA. A compliant telephone cord and modular plug is pro vided with this product. It is designed to be connected to a compatible modu lar jack that is also compliant. An RJ11 jack should normally be used for connecti ng to a single line and an RJ14 jack for two lines. See Installation Instruc tions in the user's manual. This equipment may not be used with Coin Telephone Lines or with Party Lines. If you have specially wired alarm dialing equip ment connected to your telephone line, ensure the connection of this equip ment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a quali fied installer.

3. Repair instructions

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.

4. Rights of the telephone company

If this equipment is causing harm to the telephone network, the telephone com pany may temporarily discontinue your telephone service. The telephone com pany 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.

5. Hearing aid compatibility

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

ADDITIONAL INFORMATION

FCC, ACTA and IC Regulations

6. Programming/testing of emergency numbers

If this product has memory dialing locations, you may choose to store police, fire depart ment and emergency medical service telephone numbers in these locations. If you do, please keep three things in mind:

a   We recommend that you also write the telephone number on the directory card, so that you can still dial the emergency number manually if the memory dialing feature doesn't work.

b   This feature is provided only as a convenience, and the manufacturer assumes no responsibility for customer reliance upon the memory feature.

c   Testing the emergency telephone numbers you have stored is not rec ommended. However, if you do make a call to an emergency number:
- You must remain on the line and briefly explain the reason for the call before hanging up.
- Programming / testing of emergency numbers should be performed during off-peak hours, such as in the early morning or late evening, when the emegency services tend to be less busy.

IC (Industry Canada)

This telephone is registered for use in Canada.

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

Notice:

This equipment meets the applicable Industry Canada Terminal Equipment Technical Speci-fications. This is confirmed by the registration number. The abbreviation, IC, before the reg-istration number signifies that registration was performed based on a Declaration of Confor-mity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Notice:

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1B. The REN as-signed to each terminal equipment provides an indication of the maximum number of termi-nals 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 Ringer Equivalence Numbers of all the devices does not exceed five.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company.The equipment must also be installed using an acceptable method of connection.The customer should be aware that compliance with the above conditions may not prevent degradation of services in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

ADDITIONAL INFORMATION

FCC, ACTA and IC Regulations

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution:
Users should not attempt to make such connections themselves, but should contact the appropriate electrical inspection authority, or electrician, as appropriate.

Your telephone is designed to operate at the maximum power allowed by the FCC and IC. This means your Handset and base unit can communicate only over a certain distance - which will depend on the location of the base unit and handset, weather, and the construction and layout of your home or office.

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 with 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.

ADDITIONAL INFORMATION

Technical Specifications

FREQUENCY CONTROL

Crystal controlled
PLL synthesizer

TRANSMIT FREQUENCY

Base: 2410.2 - 2418.9 MHz
Handset: 912.75 - 917.10 MHz

RECEIVE FREQUENCY

Base: 912.75 - 917.10 MHz
Handset: 2410.2 - 2418.9 MHz

CHANNELS

30 Channels

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: 42mm x 57mm x 205mm
Base: 147mm x 113mm x 114mm

WEIGHT

Handset: 148 grams
Base: 214 grams
(excluding battery)

POWER REQUIREMENTS

Handset: 400mAh Ni-Cd
           Battery Pack
Base: 9V DC @ 200mA

MEMORY

Speed Dial:
     9 Memory locations; up to 24 digits for Number, 15 characters for Name per location.

Directory:
     50 Memory locations 24 digits per location,15 characters for Name per location.

CID: 90 Memory locations.

SPECIFICATIONS ARE TYPICAL AND MAY CHANGE WITHOUT NOTICE.

Table Of Contents

Congratulations on your purchase
of this VTech product

NEED HELP?

Our representatives are here
to help you with any questions
concerning the operation of this
product, available accessories,
or any other related issues.

Call Toll Free:
1-800-595-9511
In Canada, Call:
1-800-267-7377

or visit our website at
www. vtechphones. com