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 mode.

Before You Begin

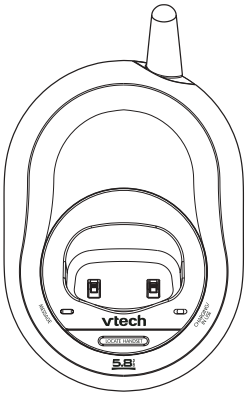
Enhanced 5.8GHz Technology - Dual band transmission combines the best of 5.8GHz and 900MHz technologies, providing enhanced performance over standard cordless telephones.

Parts Check List

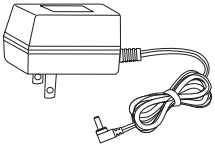
1. Base Unit
2. Handset
3. Base AC Power Adaptor
4. Telephone Line Cord
5. Battery
6. Belt Clip
7. User's Manual

To purchase replacement batteries, call VTech Communications, Inc. at 1-800-595-9511. In Canada, call VTech Telecommunications Canada Ltd. at 1-800-267-7377.

Handset

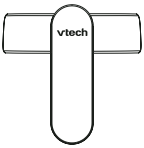


Base Unit

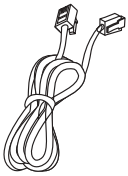


Base AC Power Adaptor

Battery



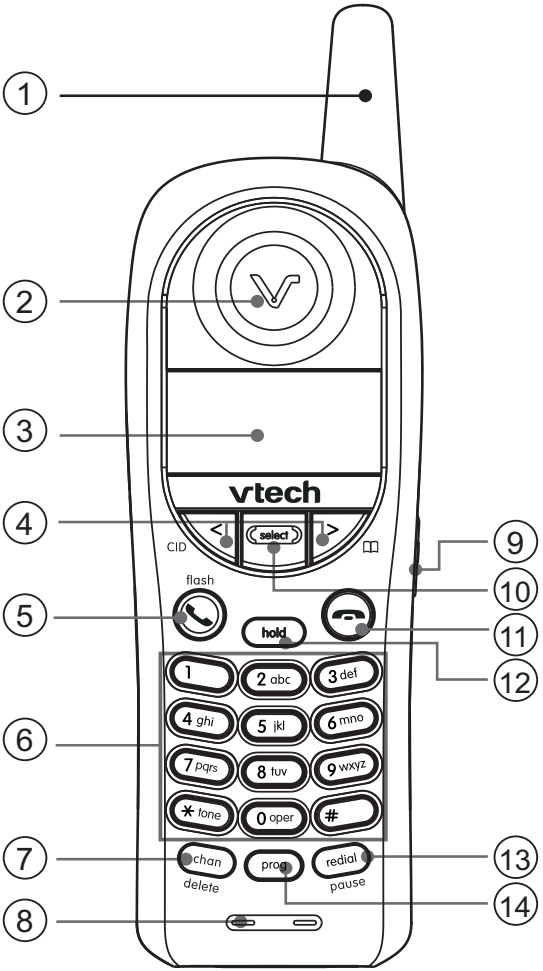
Belt Clip



Telephone Line Cord

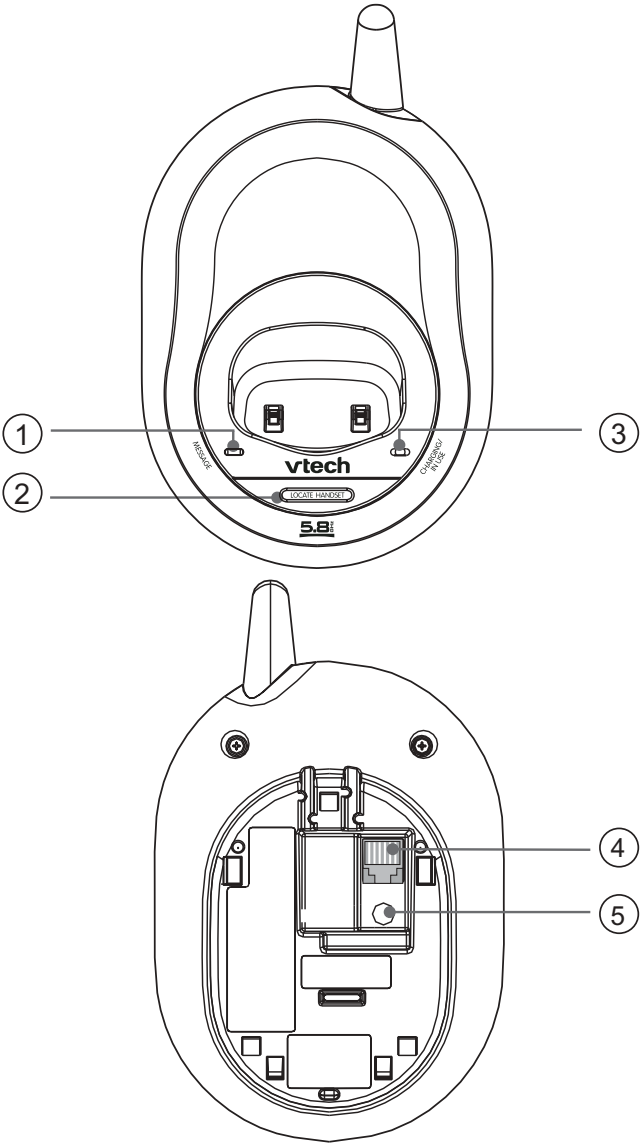
User's Manual (English and Spanish)

The Handset Layout



1. Antenna
2. Earpiece
3. LCD
4. Left and Right Arrow Keys
5. Phone/Flash Key
6. Dialing Keys (0-9,*,#)
7. Chan/Delete Key
8. Microphone
9. Headset Jack
10. Select Key
11. Off Key
12. Hold Key
13. Redial/Pause Key
14. Prog Key

The Base Unit Layout

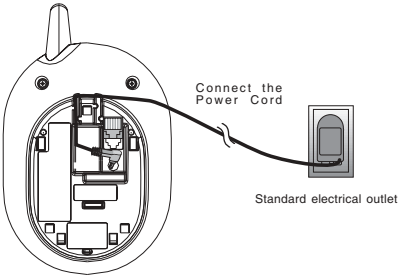


1. Message Light
2. Page Key
3. Charging/In use Light
4. Telephone Line Jack
5. DC Connector Jack

Setup

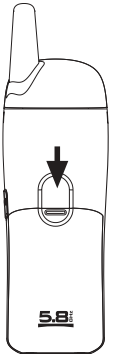
Connecting Power to Base Unit

1. Choose a location for the base near an electrical outlet and a tele phone jack. **This phone requires a modular telephone jack and a stan-dard electrical outlet (110V AC) not controlled by a wall switch.**
2. Plug the DC connector to the base. Plug the AC adaptor into an electrical outlet.

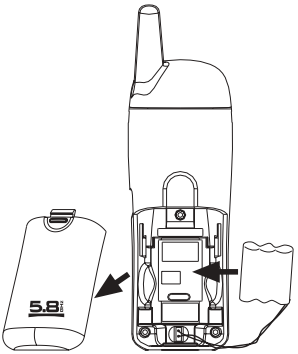


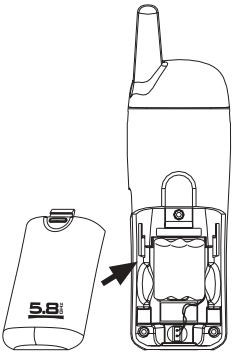
Installation and Charge of Battery

1. **Install the battery.** Use only VTech batteries.



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 the lower right corner.

d) Replace the battery compartment cover.

e) If the battery is not already charged, place the handset in its base and allow to charge for 10 - 12 hours (or overnight). After that, be sure to place the handset in its base when not in use to ensure maximum daily performance.

Setup

2. If the phone will not be used for long periods of time, remove the battery to prevent possible leakage.

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.

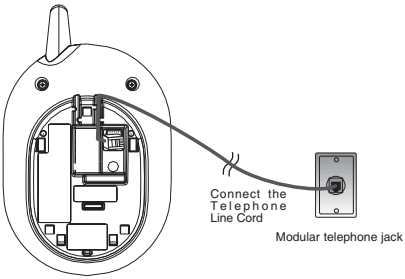
Battery Care and Maintenance

- The maximum standby time on a fully charged battery is six days. Average talk time on a fully charged battery is five hours.
- 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 its Base so the **CHARGING** light turns on. The battery is typically fully charged in 12 hours.
- You can keep the battery fully charged by returning the handset to its 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 the user's manual.

Connecting to Phone Line

Before connecting to the phone, make sure to properly charge the battery for at least 10 - 12 hours.
Plug one end of the telephone line cord into the jack on the bottom of the base unit. Plug the other end of this cord into the wall jack.



Check for Dial Tone

After the battery is charged, pick up the handset and press **phone/flash**. You should hear a dial tone.

Setup

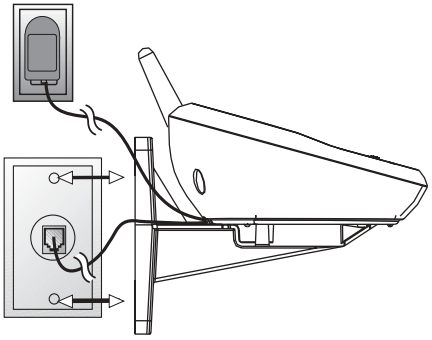
Set Date and Time

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** 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**.

Wall Mounting

The wall mount bracket is designed for use on standard wall mount plates only.
1. Run the power and telephone line cords through the slots in the bracket, connecting them to the jacks located on the underside of the base.
2. Plug the AC adapter into an electrical outlet. If the battery has not been previously charged, place the handset in the base or charger, and allow it to charge for 10-12 hours (or overnight).
3. Connect the telephone line cord to the wall jack.



4. Line up the tabs on the wall mount bracket with the slots on the bottom of the base unit. Snap the bracket firmly in place.
5. 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.

Telephone Operation

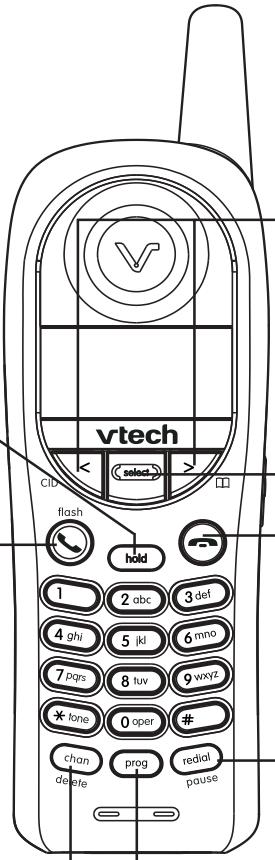
Handset Operation

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

Hold
Press to put a call on hold. Press again or press **phone/flash** to release hold
-OR-
Lift the handset of an extension.

Make a Call
Press **phone/flash**, (✆) then dial the number.
-OR-
Dal the number (use **<** to backspace and correct digits), then press **phone/flash (✆)**.
Flash/Call Waiting
Access special telephone company subscriber services.

Channel
Switch to a clear channel while on a call.
Delete
When view 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.
📖 (**>**) Press 📖 (**>**)when phone is not in use to display phonebook entries, while entering letters,press to advance cursor.
CID (<) press **CID (<)** when phone is not in use to display caller ID information,when entering number or letters. press to delete last character entered.

Select
Use **select** in conjunction with **PROG** during handset programming.

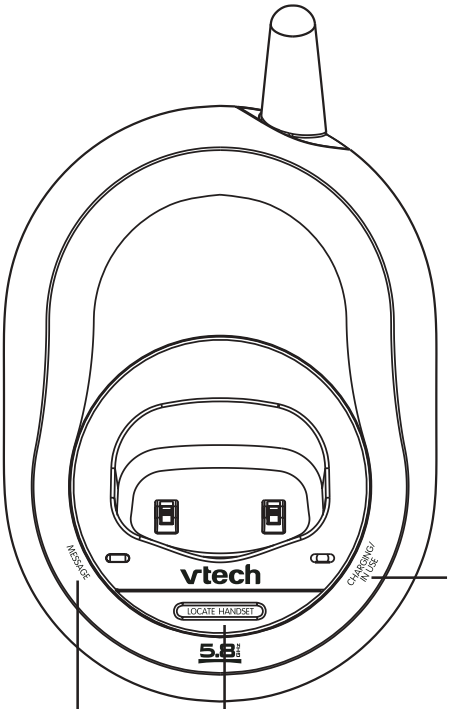
End a Call
Press ☎ (off)
-OR-
Place handset in base.
Exit
Programming
Cancel a page

Redial
Press **phone/flash (✆)**, then press **redial/pause** to call last number dialed (up to 32 digits).
-OR-
Press **redial/pause**, then press **phone/flash (✆)** to call last number dialed.
Press **redial/pause** twice to delete the last number dialed record with handset idle.
Pause
Press **redial/pause** to inset a dialing pause when enter numbers.

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

Telephone Operation

Base 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.

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.

Page/Handset Locator
Press to page the handsets. Press again, press **OFF** on handset, or place handset in the base to cancel the page.

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** to enter programming mode.
3. Press > until the screen displays **RINGER:** and the current selection.
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). You will hear a sample of each ring.
6. Press **select** to choose the displayed ringer setting.

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** on the handset.
- Press < or > until the screen displays **DIAL MODE:** and the current selection.
- Press **select**. The current setting blinks.
- Press < to select **TONE** or **PULSE**.
- Press **select** to save the displayed mode.

Temporary Tone Dialing

If you have pulse (rotary) service only, you can change from pulse to touch tone dialing during a call by pressing *** (tone)**. This is useful if you need to send touch tone signals 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 **ia 5829** is designed to work with most local and regional telephone service provider's voice messaging systems, providing alerts on both the Handset and Base Unit when new messages come in.

Voice messaging is subscription service, available through most service providers, for a monthly fee. Contact your local telephone company for more information.

When a caller leaves a message in your voice mailbox, the **MESSAGE** light on the Base Unit will flash. In addition, the Handset will display:

Telephone Operation

```
MESSAGES   WAITING
```

Clear Message Waiting Alert

1. Press **prog.**
2. Press ◀ or ▶ until screen displays **MESSAGES WAITING**.
3. Press **select,** the screen displays:

```
LIGHT OFF? YES
```

4. Press ◀ or ▶ to change from **YES** or **NO**.
5. Press **select** to choose the desired setting. You'll hear a confirmation one.

Display Screen Messages

Screen Displays:	When:
** RINGING **	There is a call coming in.
CONNECTING...	The handset is waiting for a dial tone.
PHONE ON	The handset is in use.
SCANNING...	The handset is changing to another of the 30 channels available.
** PAGING **	The base is paging the handset.
HOLD	There is a call on hold.
BATTERY LOW	The battery needs to be recharged.
NO CONNECT	Displays and a sad tone is generated if one handset is on a call and the other handset presses **phone/flash**. Displays and a sad tone sounds when the base power is **OFF** and **phone/flash** is pressed.
MESSAGES WAITING	You have been alerted by the telephone company that you have received new voice mail.

Telephone Memory

You can store up to nine telephone numbers with names (up to 15 characters and 24 digits in each location) into the speed dial memory locations you assign (1 through 9) in each handset. You can also store telephone numbers with names alphabetically in the directory. See **Telephone Directory** for instructions.

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/Name in Memory:

1. Press **prog** on the handset.
2. Press **<** or **>** until the screen displays **SPEED DIAL.**
3. Press **SEL**. The screen displays **ENTER 1-9**.

NOTE: When memory is full the screen displays **MEMORY FULL**, an error tone sounds, and you cannot store a new number until you delete a record in speed dial memory or telephone directory.

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

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.

	Presses					
Dial Key	**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					
***:**	*					
#:	&	'	,	-	.	#

6. When you finish entering the name, press **select** or **prog.** The screen dis plays **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 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 **D** willbe displayed with the directory entry.

Edit a Number/Name Stored in Memory

1. Press and hold the memory location key (1 through 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.

```
                    01
SPEED   EDIT   ERASE
  800-595-9511
```

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 to 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 (1 through 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.

```
                    01
SPEED   EDIT   ERASE
  800-595-9511
```

3. Press **select**. The screen displays **ERASE NO YES** and the number.
4. Press ◀ or ▶ until **YES** flashes.
5. Press **select**.You'll hear a confirmation beep.

Telephone Memory

Dial a Memory Number

1. Press and hold the memory location key (1 through 9) of the entry you wish to dial.
2. Press **phone/flash** ( ) to dial the displayed memory number.

Reassign Locations in Memory

1. Press and hold the memory location key (1 through 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
800-595-9511

                01
```

3. Press **select**. The screen displays **ENTER 1-9**.
4. Press the keys (1 through 9) to re-assign this entry into another memory location. You will hear a confirmation beep.

Telephone Directory

Your **ia 5829** can store 50 (including 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 each handset.

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 dialed from this phone.
6. Press **select** or **prog**. The screen displays **DISTINCT RING?** and the current setting.
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** to confirm your selection. If you chose **Y,** a D 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 the entries stored in the directory.
   -OR-
   Press the dial pad key for the first letter of the entry you want to edit.
3. When the screen displays the entry 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 to edit the number. Use < to backspace and make corrections. Press **select** to move on to 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 in the 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
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.

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 number you want to dial is displayed, press **phone/flash**.

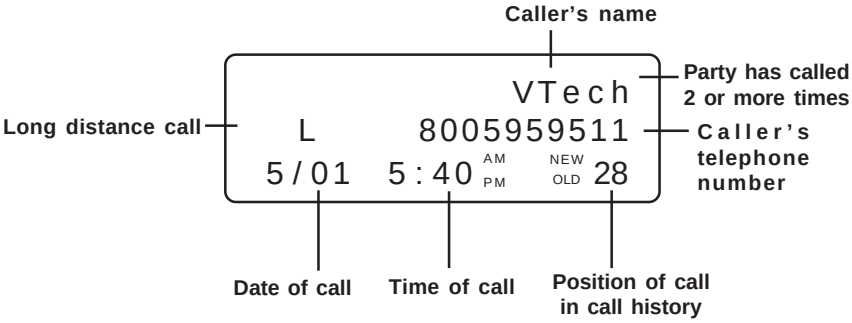
Move a Number/Name to the Memory

1. Press > (**DIR**). The screen displays **DIRECTORY**.
2. Press < or > to scroll alphabetically through 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 > until **SPEED** flashes.

```
SPEED   EDIT   ERASE
8005959511
```

4. Press **select**. The screen displays **ENTER 1-9**.
5. Press the key (1 through 9) to move this entry from the normal directory to the speed dial memory and assign the memory location. You'll hear a confirma tion beep. A memory location number (01 through 09) will be displayed with this entry.

Caller ID Operation



About Call History (Caller ID)

Your **ia 5829** can store up to 90 calls in its Caller ID (CID) 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.

NOTE: Each Handset's CID log is independent from the other handset. For example, when you delete one or all call log entries in one handset, they will not be deleted from the other handset.

Review Call History

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

NOTE: Press **OFF** at any time to exit call history.

Delete Records from Call History

Delete a Specific Call:

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

Delete All Calls:

1. With the handset in idle (**OFF**) mode, press and hold **mem** 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 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.

```
DIAL   PROGRAM
       8005959511
     5/01  5:40PM  OLD  28
```

4. Press **select** again. The number is automatically dialed.
   — **OR** —
   When the number is correctly displayed for dialing, press **phone/flash.**

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  OLD  28
```

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

```
DISTINCT  RING?  N
8005959511
```

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 D will be displayed with the directory entry.

Caller ID Operation

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 the name)	This caller has called you more than once.

Headset Operation

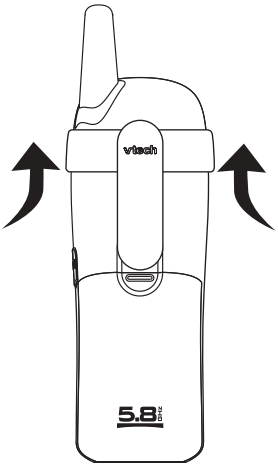
Your **ia 5829** handset is equipped with a 2.5mm headset jack for use with an optional accessory headset for handsfree operation. If you choose to use the headset option, you must obtain an optional accessory headset, that is compatible with the **ia 5829.**

To purchase a headset, call VTech Customer Service at 1-800-595-9511.

Once you have a compatible 2.5mm headset, locate the headset jack on the **ia 5829** handset. Connect the plug on the headset cord to the jack (under a small rubber flap) on the cordless handset. The plug should fit securely. Do not force the connection.

NOTE:

Whenever a compatible headset is connected to the cordless handset, the microphone on the handset will be muted. This is done to limit the effect of background noise.



Belt Clip

The **ia 5829** is also equipped with a detachable belt clip. Align the pins on the inside edge of the clip with the notches on the sides of the handset. The belt clip should snap securely into place. Do not force the connection.

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.

In Case of Difficulty

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.

The 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.
- Make sure the batteries are properly charged. If you get a **BATTERY LOW** message or indication, the battery needs charging.

No dial tone

- First try all the suggestions above.
- If you still don't hear a dial tone, 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.

You get noise, static, or a weak signal even when you're near the base unit

- Household appliances plugged into the same circuit as the base unit can sometimes cause interference. Try moving the appliance or the base unit to another outlet.

You get noise, static, or a weak signal when you're away from the base unit

- You may be out of range. Either move closer to the base, or relocate the base unit.
- The layout of your home may be limiting the range. Try moving the base unit to another position.

The handset does not ring when you receive a call

- Make sure you have the ringer activated. Refer to the section on **Handset Ringer Style/Battery Save** 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.
- 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.

You hear other calls while using your phone

- Disconnect your base unit from the telephone jack, and plug in a regular telephone.

In Case of Difficulty

If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

You hear noise in the Handset, and none of the keys or buttons work

- Make sure the power cord is plugged in.

Common cure for electronic equipment

If the unit does not seem to be responding normally, then try putting the handset in the 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. Reinstall 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.

Warranty Statement

What does this limited warranty cover?

- The manufacturer of this VTech product, VTech Communications, warrants to the holder of a valid proof of purchase (“Consumer” or “you”) that the product and all accessories provided by VTech in the sales package (“Product”) are free from material defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with operation instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America.

What will VTech Communications do if the Product is not free from material defects in materials and workmanship during the limited warranty period (“Materially Defective Product”)?

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

How long is the limited warranty period?

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

What is not covered by this limited warranty?

This limited warranty does not cover:

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

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

- 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.

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 number and 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 at 1-800-595-9511. 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 equipment. 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 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 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.

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 has such a low power that it does not require testing. It may be safely held against the ear of the user. The base unit shall be installed & used such that parts of the user's body other than the hands should be maintained at a comfortable distance of approximately 20 cm or more.

FCC and ACTA Information

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.

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. For more information, please contact your local telephone company.

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 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 this user’s manual. This equipment may not be used with Coin Telephone Lines or 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.

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 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.

5. Hearing aid compatibility

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

6. Programming/testing of emergency numbers

If this product has memory dialing locations, you may choose to store police, fire department 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 recommended. 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 emergency 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 Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity 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 0.1. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals 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.

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 Cordless Phone 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.

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: 186.6mm x 58mm x 36.4mm
Base: 158mm x 112mm x97mm
Charger: 103mm x 89mm x46mm

WEIGHT

Handset: 142.6 grams
Base: 208.6 grams
Charger: 106 grams
(excluding battery pack)

POWER REQUIREMENTS

Handset: 3.6V 400mAh Ni-Cd Battery

Base: 9V DC @ 300mA
Charger: 6V DC @ 300mA

MEMORY

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

Directory: 50 Memory locations; up to 24 digits, 15 characters per location

CID: 90 Memory locations

SPECIFICATIONS ARE TYPICAL AND MAY CHANGE WITHOUT NOTICE.

vtech
VTECH TELECOMMUNICATIONS LTD.
vtech A member of THE VTECH GROUP OF COMPANIES.

Distributed in the U.S.A. by VTech Communications, Inc. Beaverton, Oregon, 97008

Distributed in Canada by VTech Telecommunications Canada Ltd. 200-7671 Alderbridge Way, Richmond, B.C. V6X 1Z9.

Copyright 2004 for VTECH TELECOMMUNICATIONS LTD.
Printed in China

91-XXXXXX-010-000
ISSUED 0

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

Replacement Battery Order Form

Part Number (Description)	QTY	X	Price	=	Subtotal
80-XXXX-XX-XX ( )	_____	x	$14.95	=	_____

For orders up to $80, add $6.95 Shipping _____

For orders over $80, add $9.95 Shipping _____

+ Sales Tax (if applicable) _____

TOTAL _____

SHIPPING INFORMATION

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

DAYTIME PHONE ( ) _____

DELIVERY IS LIMITED TO THE CONTINENTAL US, ALASKA, HAWAII, PUERTO RICO, AND THE US VIRGIN ISLANDS. NO DELIVERY TO PO BOXES OR APO ADDRESSES.

METHOD OF PAYMENT: DO NOT SEND CASH

☐ CHECK ☐ MONEY ORDER ☐ VISA
☐ MASTERCARD ☐ AMERICAN EXPRESS ☐ DISCOVER

Checks and Money Orders should be made payable to VTech Communications, Inc.

BILLING INFORMATION

CREDIT CARD # _____

EXPIRATION DATE _____ SECURITY CODE* _____

CARDHOLDER'S SIGNATURE _____

BILLING ADDRESS IF PAYING BY CREDIT CARD (as it appears on your credit card statement)

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

*A three or four digit number found either on the front of the credit card or on the back of the credit card in the Authorized Signature section that is separate from the credit card number.

Place order form and payment in envelope and send to:

VTech Advanced American Telephones
PO Box 4014
Beaverton OR 97076

You may also order online at
www.vtechphones.com
or by calling 1-800-595-9511

Table of Contents

Important Safety Instructions.....1
Before You Begin 3
Parts Check List 3
The Handset Layout.....4
The Base Unit Layout.....5
Getting Started.....6
Setup.....6
Connecting Power to Base Unit 6
Installation and Charge of Battery.....6
Battery Care and Maintenance 7
Connecting to Phone Line 7
Check for Dial Tone.....7
Set Date and Time.....8
Wall Mounting.....8
Basic Operation.....9
Telephone Operation 9
Handset Operation.....9
Base and Charger Operation 10
Handset Ringer Style/Battery Save.....11
Set the Dail Mode.....11
Temporary Tone Dialing.....11
Set Language.....11
Message Waiting.....12
Clear Message Waiting Alert.....12
Display Screen Messages 13
Telephone Memory.....14
Store a Number/Name in Memory 14
Edit a Number/Name Stored in Memory 15
Delete a Number/Name Stored in Memory 15
Dial a Memory Number 16
Reassign Locations in Memory 16
Telephone Directory.....17
Store a Number/Name in the Directory 17
Edit a Number/Name Stored in the Directory 18
Delete a Number/Name Stored in the Directory 18
Dial a Number from the Directory.....19
Move a Number/Name to the Memory.....19
Caller ID Operation.....20

Table of Contents

About Call History 20
Review Call History 20
Delete All Calls.....20
Dial a Displayed Number.....21
Store a Call History Record in the Directory.....21
Display Screen Messages.....22
Additional Information.....23
Headset Operation.....23
Maintenance.....24
In Case of Difficulty.....25
Warranty Statement.....27
FCC, ACTA and IC Regulations.....29
Technical Specifications.....32