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# 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 cleaners 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 cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in-installation 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 to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
9. Never push objects of any kind into this product through cabinet slots 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. If service or repair work is required, contact **VTech** Customer Service at **1-800-595-9511**. Opening or removing cabinet parts other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the appliance 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:
  - a) When the power supply cord or plug is damaged or frayed.
  - b) If liquid has been spilled into 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 because improper adjustment of other controls may result in damage and will often require extensive work to restore the product to normal operation.
  - e) If the product has been dropped and the cabinet has been damaged.
  - f) If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be 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.



**If you have questions about this product, or if you're having difficulty with setup or operation, do not return your phone to the store. Call our Customer Support Center at:**

**1-800-595-9511**

**In Canada, call**

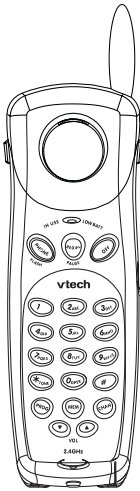
**1-800-267-7377**

# Introduction

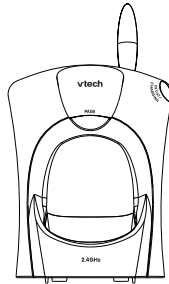
## Parts Check List:

1. Handset
2. Base Unit
3. Telephone Line Cord
4. Battery Pack
5. AC Adapter
6. Belt Clip
7. Owner's Manual

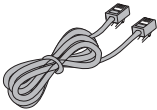
To purchase replacement battery packs, call VTECH Communications at 1-800-595-9511. In Canada, call VTECH Electronics at 1-800-267-7377.



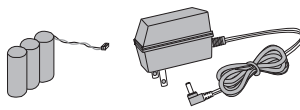
**HANDSET**



**BASE UNIT**



**TELEPHONE LINE CORD**

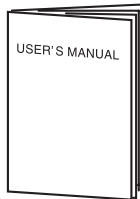


**BATTERY PACK**

**AC ADAPTER**

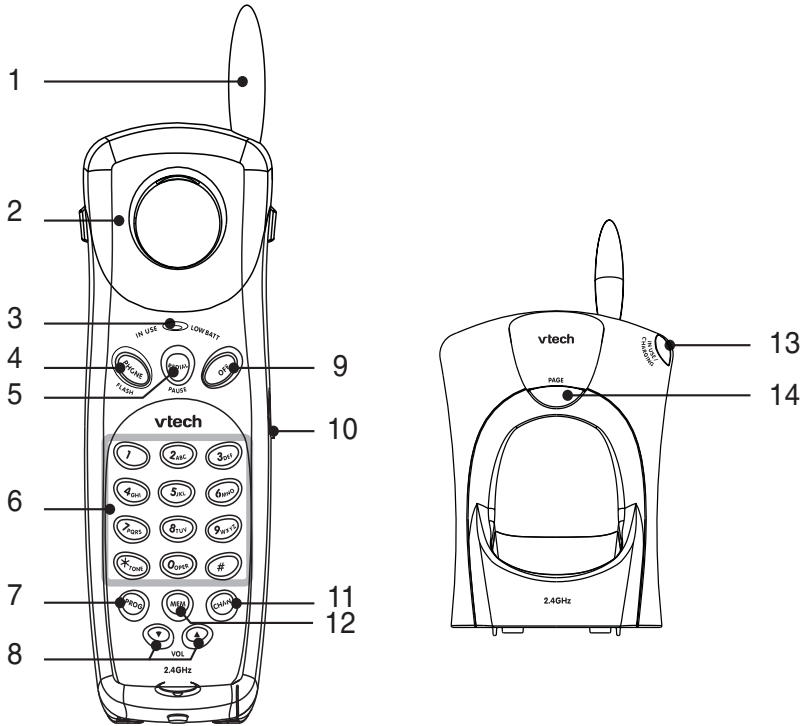


**BELT CLIP**



**OWNER'S MANUAL**

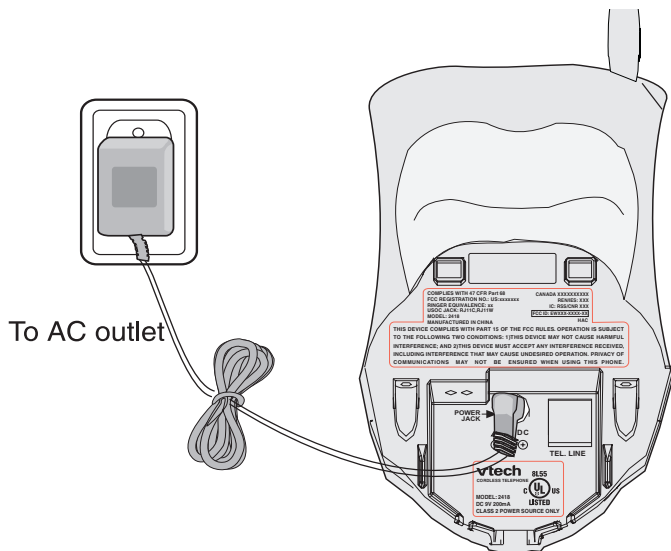
# Handset and Base Layout



- |    |                          |     |                       |
|----|--------------------------|-----|-----------------------|
| 1. | Antenna                  | 8.  | Volume                |
| 2. | Earpiece                 | 9.  | OFF                   |
| 3. | IN USE / LOW BATT        | 10. | Headset Jack (2.5mm)  |
| 4. | PHONE (FLASH)            | 11. | Channel               |
| 5. | REDIAL (PAUSE)           | 12. | Memory                |
| 6. | Dialing Keys (0-9, *, #) | 13. | IN USE / CHARGING LED |
| 7. | Program                  | 14. | PAGE                  |

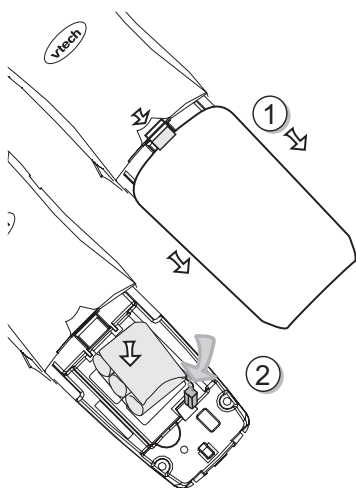
## Connecting power to Base Unit

Plug the AC power adapter into an electrical outlet, and the DC connector into the bottom of the Base Unit.



## Installation of Battery Pack in Handset

Follow the steps below:



1. Remove the battery cover by pressing on the indent and sliding downward.
2. Place the new battery pack in the Handset with the metal contacts aligned with the charge contacts in the battery compartment.
3. Replace the battery cover by sliding it upwards.
4. If the new battery pack is not already charged, place the Handset in the Base Unit, and allow it to charge for 12 hours. After the initial charge, a maintenance charge of 8 hours should be sufficient.

# Setup

**CAUTION:** To reduce the risk of fire or injury, read and follow these instructions:

1. Use only the **VTECH** battery supplied or equivalent.
2. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
3. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
4. Do not dispose of the battery in a fire. The cell may explode.

## Connecting to phone line

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.

## Checking for dial tone

After the battery pack is charged, pick up the Handset and press the **PHONE** key. The **IN USE** indicator should light up, and you should hear a dial tone; if not, see **IN CASE OF DIFFICULTY**.

## Tone/Pulse Selection

See **OPERATING INSTRUCTIONS** for details.



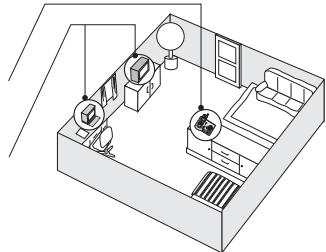
**CAUTION:** Use only the Vtech power supply provided with your VTECH.

## IMPORTANT:

For best performance the **VT2418** should be installed as follows:

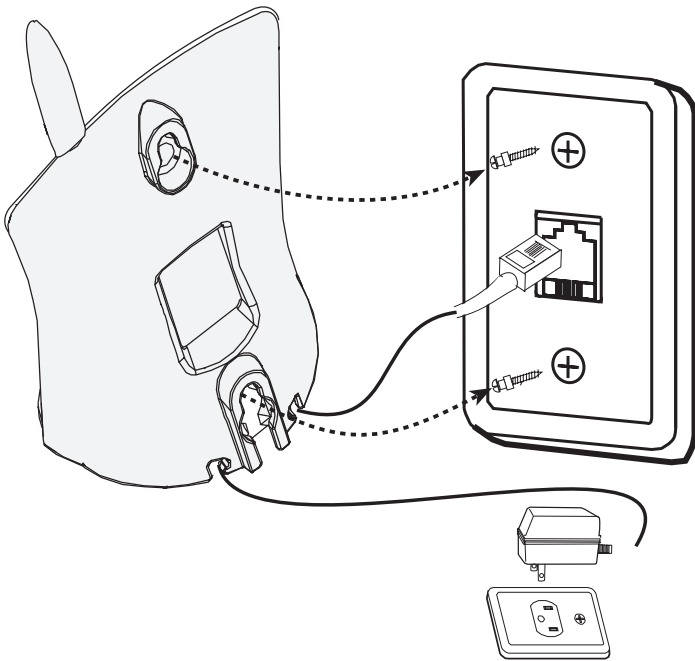
In an elevated location, in the center of the room, with no obstructions nearby.

In a location that is away from other electrical appliances such as microwave ovens, personal computers, or televisions.



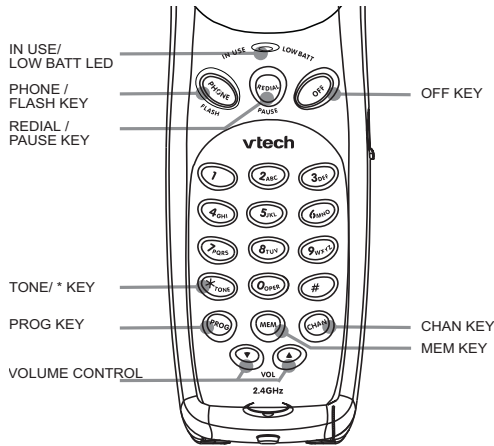
# Wall Mounting

Your **VT2418** Base Unit is designed to mount on a standard telephone wall plate. Wall mounting is optional.



1. **Choose a spot near an electrical outlet and a telephone jack.** Your phone requires a modular telephone jack and a standard electrical outlet (120V AC). The power cord is six feet long; make sure there is an electrical outlet within reach of the Base. The outlet should not be controlled by a wall switch. If the switch is ever turned off, the phone will not operate.
2. **Mount the base on the wall.** Position the base so the mounting studs will fit into the holes at the back of the Base. Position the power cord to extend down the wall the phone is to be mounted on. Slide the Base down on the mounting studs until it locks into place.
3. **Connect the telephone cord.** The telephone line cord has a snap-in plug at each end. Insert one of the plugs into the jack on the bottom of the Base. Insert the other end of the plug into the wall phone jack.
4. **Connect the power cord.** Plug the DC connector into the DC jack at the bottom of the Base Unit. Plug the AC power adapter into an electrical outlet.

# Handset Features



## IN USE/LOW BATT LED

- The **IN USE/LOW BATT LED** lights when the Handset is on an active call.
- It flashes in cadence with an incoming ring.
- It flashes quickly during programming mode.
- It flashes slowly when battery is low.

## PHONE / FLASH KEY

- Press the **PHONE** key to make a call.
- If you are currently on a call, pressing **PHONE** flashes the line. This would be used with call waiting to answer your second call.

## REDIAL / PAUSE KEY

- When you hear the dial tone, pressing the **REDIAL** key will dial out the last number that was called on your phone.
- It can also be used to store the last number dialed into the speed dial memory. See **Storing a Redial Number into Speed Dial** for details.
- You can store a **PAUSE** into your dialing number. See **Storing Pauses in Memory** for details.

## TONE/ \* KEY

- In **PULSE** dialing mode, this key is used to switch to Temporary **TONE** dialing mode.

## PROG KEY

- Press **PROG** key to enter programming mode.

## VOLUME CONTROL

- Adjust the volume of what you hear through the Handset.
- While on a call, press the **Up** or **Down** key to adjust the listening volume. The Handset will emit a double beep when the maximum or minimum volume level has been reached.

## OFF KEY

- Press the **OFF** key to exit all modes of operation.

## CHAN KEY

- Pressing the **CHAN** key when the Handset is in use will activate a channel change to the next free channel.
- This is used if you are experiencing noise or interference on the current channel.

## MEM KEY

- Press the **MEM** key to enter memory mode.
- The sequence for dialing a speed dial number in memory is: **PHONE**, **MEM**, Number Button (**0-9**).



# Operating Instructions

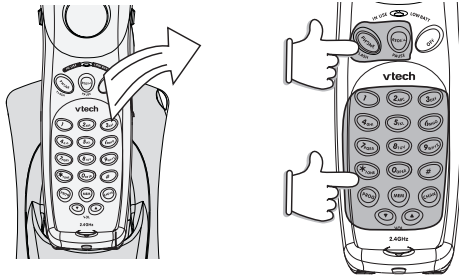
## Making Calls

- Pick up the Handset and press **PHONE**.
- When you hear a dial tone, dial the number.
- The **IN USE** LED will illuminate while the Handset is in use. If you make a mistake when dialing, press **OFF** to hang up, then press **PHONE** to get the dial tone again.
- You must always press **PHONE** before you can dial a call on the Handset.



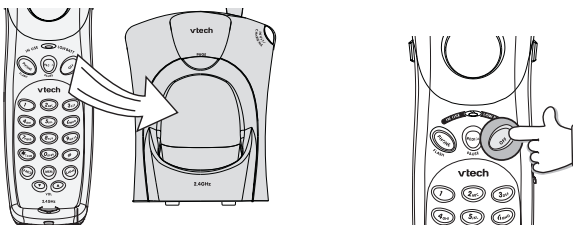
## Answering Calls

- When an incoming call is ringing, the **IN USE/CHARGING** LED on the Base and **IN USE/LOW BATT** LED on the Handset will flash.
- To answer a call when the Handset is in the Base, just pick up the Handset.  
— OR —
- To answer a call when the Handset is away from the Base, press any key on the Handset (except **OFF**). This is very useful in a dark environment; you do not have to fumble around looking for the **PHONE** key to answer the call.



## Disconnecting

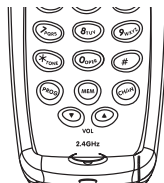
- To end a call, either place the Handset back in the Base.  
— OR —
- Press **OFF** on the Handset.



# Operating Instructions

## Changing Channels

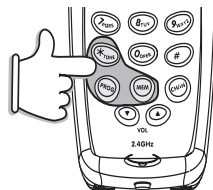
- If you notice interference when using your Handset, press **CHAN** to switch to a clear channel. This function is only available when you are on a call.



## TONE/PULSE Setting

**NOTE: Your VT 2418 is preset at the factory for TONE dialing.**

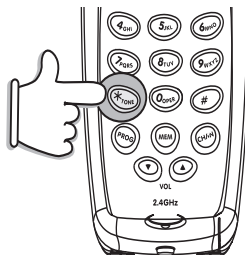
- If you have touch tone service on phone line:
- Press **PROG**, \*, \*, **MEM** to switch to **TONE** dialing.
- If you have rotary service, press **PROG**, \*, #, **MEM** to switch to **PULSE**.



## Temporary Tone

If you have a rotary (dial-pulse) telephone service, (**TONE/PULSE** setting is set to **PULSE**), this feature allows you to enter special codes and tones to operate answering machines, use electronic banking services, calling cards, or other special services.

- Dial the call normally.
- Activate the Temporary Tone feature by pressing **TONE** (the \* key).
- You can then press the numbers or symbols you need, and your phone will send the proper signals.
- To end the call, press **OFF** or place the Handset back in the Base. The phone will automatically go back to rotary (dial-pulse) service.

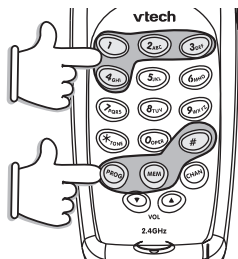


## Programming the Ringer Type

The Handset ringer is capable of four different types of ringing tones. To select a different ringer type do the following:

- Press **PROG**.
- Press the **#** key.
- Press a key 1 - 4 to select a ringer type.
- Press the **MEM** key to confirm.

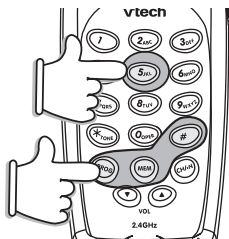
**NOTE: To program, the Handset must be OFF.**



## Turning Off the Ringer

To turn off the ringer on the Handset, do the following:

- Press **PROG**.
- Press the **#** key.
- Press **5** to turn off the ringer. Press the **MEM** key to confirm.
- To turn the ringer on again, see **Programming the Ringer Type**.

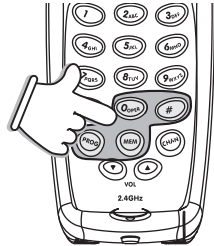


# Operating Instructions

## Checking the Ringer

To check the ringer which is currently programmed, do the following:

- Press **PROG**.
- Press the **#** key.
- Press **0**.
- Press the **MEM** key to confirm.



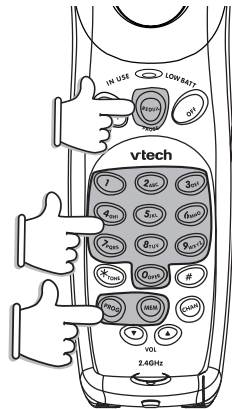
## Memory Dialing

- The **VT2418** can store up to 10 different phone numbers that you can dial just by pressing **PHONE**, **MEM** and one of the number keys (0-9)

## Programming Speed Dial Numbers

The Handset must be **OFF**.

- Press **PROG**. The **IN USE** LED will blink to indicate that you are in the programming mode.
- Press the number of the memory location you wish to store the number in (0-9).
- Using the dial pad, dial the number you want to store. The number can be up to 16 digits long. The number can be entered manually or by using **REDIAL**.
- Press **MEM** to store the phone number to the key you selected. The phone exits **PROG** mode and emits a tone.

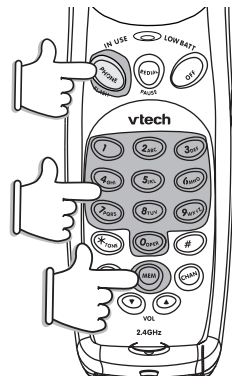


## Speed Number Dialing

- Press **PHONE** to get a dial tone.
- Press **MEM** and the memory location number key (0-9).
- For example, to dial the number you assigned to key '8', you would press **PHONE**, **MEM**, **8**.

## To Change or Replace a Speed Dial Number

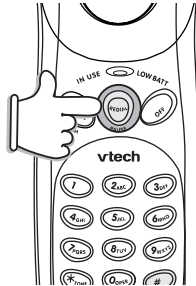
- To change or replace a stored number in speed dial memory, simply enter the new number and store it in the memory location you wish to change.



# Operating Instructions

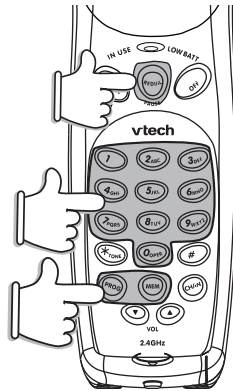
## Storing Pauses in Memory

- To insert a pause in a phone number, press **PAUSE**. The pause is 2 seconds in length. For longer pauses, press **PAUSE** two or more times. Each additional press adds an additional 2 seconds pause.
- If your phone is connected to a PBX you can store the PBX access number and a pause before the phone number. For example, to store **9-PAUSE-555-1234** in memory location 8 do the following:
  - Press **PROG**.
  - Press **8**.
  - Press **9**.
  - Press **REDIAL/PAUSE**.
  - Dial **555-1234**.
  - Press **MEM**.



## Using Redial

- To redial the last number you called, press **PHONE** then press **REDIAL**. The phone will automatically dial the number.

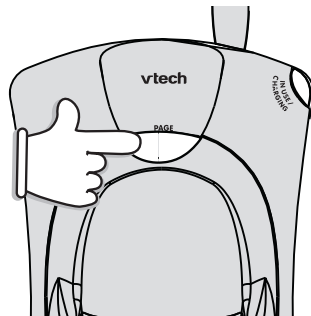


## Storing a Redial Number into Speed Dial

- To store the last number you dialed as a Speed Dial number, press **PROG**, a location number (0-9), **REDIAL**, **MEM**.

## The Page Feature

- From the Base Unit, press **PAGE** to signal the person at the Handset.
- To end the page at the Base, press **PAGE** again.
- To end the page at the Handset, press **OFF**.
- If the Handset is in use (off-hook) when **PAGE** is pressed on the base Unit, the Handset will emit one page alert. If the Handset is not in use (on-hook), the page alert will continue for approximately 60 seconds.
- This feature is useful in locating a misplaced Handset.



# Headset Operation

Your **VT2418** Handset is equipped with a 2.5mm Headset Jack for use with an optional accessory Headset for hands-free operation. If you choose to use the Headset option, you must obtain an optional accessory Headset, which is compatible with the **VT2418**.

**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 **VT2418** Handset. Connect the plug on the Headset cord to the jack 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.

Many compatible Headsets have a reversible, monaural design. You can wear your Headset on either ear, leaving one ear free for room conversation.

## Belt Clip

The **VT2418** 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

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## Taking Care Of Your Telephone

Your **VT2418** 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

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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 Electronics 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 the '**LOW BATTERY**' LED is slowly flashing, the battery pack needs charging.

## **No Dial Tone**

- First check 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 Handset ringer activated. To set the ringer, see **Programming the Ringer Type**.
- 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. If you still hear other calls, the problem is probably in your wiring or local service. Call your local telephone company.

# In Case Of Difficulty

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## **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 cradle. 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.
3. Wait a few minutes.
4. Connect power to the Base.
5. Re-install the battery pack, and return the Handset to the charge cradle.
6. After a few seconds, try using your Handset again.

# Warranty Statement

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## 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

# Warranty Statement

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7. Product returned without valid proof of purchase (see 2 below); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

## How do you get warranty service?

- To obtain warranty service in the United States of America, call 1 800-595-9511 for instructions regarding where to return the Product. Before calling for service, please check the user's manual. A check of the Product controls and features may save you a service call.
- Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of Product(s) to the service location . VTECH will return repaired or replaced product under this limited warranty to you, transportation, delivery or handling charges prepaid .VTECH assumes no risk for damage or loss of the Product in transit.
- If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTECH will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

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

1. Return the entire original package and contents including the Product to the VTECH service location along with a description of the malfunction or difficulty;
2. Include "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

## Other Limitations

- This warranty is the complete and exclusive agreement between you and VTECH. It supersedes all other written or oral communications related to this Product. VTECH provides no other warranties for this product. The warranty exclusively describes all of VTECH's responsibilities regarding the product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

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

# Warranty Statement

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**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

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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 Electronics 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.

# FCC, ACTA and IC Regulations

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## **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.

### **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 requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual. 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

# FCC, ACTA and IC Regulations

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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.

### Notice :

The REN assigned to this device denotes the number of devices you may connect to the telephone loop which is used by the device to prevent overloading. The termination on a loop may consist of any combination of devices subjected only to the requirement that the sum of the REN does not exceed five (5.0)

### Notice :

The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

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.

# FCC, ACTA and IC Regulations

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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.

## The RBRC® Seal

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The **RBRC®** Seal on the nickel-cadmium battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The **RBRC®** program provides a convenient alternative to placing used nickel-cadmium batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in **RBRC®** makes it easy for you to drop off the spent battery at local retailers participating in the **RBRC®** program or at authorized VTech product service centers. Please call **1-800-8-BATTERY™** for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

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

# Technical Specifications

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## FREQUENCY CONTROL

Crystal controlled  
PLL synthesizer

## TRANSMIT FREQUENCY

Base: 2411.15 - 2418.4 MHz  
Handset: 912.75 - 917.10 MHz

## RECEIVE FREQUENCY

Base: 912.75 - 917.10 MHz  
Handset: 2411.15 - 2418.4 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 : 203.3mmx56.0mmx39.8mm  
(including antenna)

Base : 153.9mmx90.6mmx95.0mm

(including antenna)

## WEIGHT

Handset : 178.7 grams  
Base : 138.3 grams  
(excluding battery pack)

## POWER REQUIREMENTS

Handset: 3.6V 400mAh Ni-Cd  
Battery Pack

Base : 9V DC @ 300mA

## MEMORY

Speed Dial: 10 Memory locations  
16 digits per location

**SPECIFICATIONS ARE TYPICAL AND  
MAY CHANGE WITHOUT NOTICE.**

**vtech**

**VTECH TELECOMMUNICATIONS LTD.**

**A member of THE VTECH GROUP OF COMPANIES.**

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**vtech**

ANY KEY ANSWER | 30 CHANNEL OPERATION



**2418**

UNIQUE STAND UP DESIGN

# USER'S MANUAL

**2.4**GHZ

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