



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 to persons, 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, but take it to an authorized service facility. 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.

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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 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 by an authorized technician 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.

SAVE THESE INSTRUCTIONS



Introduction

The **GIGAPHONE** is an advanced cordless telephone that operates in the 2.4GHz frequency range. Your **GIGAPHONE** is capable of supporting up to a maximum of 4 Handsets. Using additional Handsets, two extensions can be conferenced on a call, while two other extensions can be talking internally, using the Intercom feature.

This manual is designed to familiarize you with the **GIGAPHONE** cordless telephone. We strongly recommend you read the manual before using your phone.

To order additional system Handsets (model# 2420), battery packs or headsets, call Vtech Communications Inc at 1-800-595-9511.



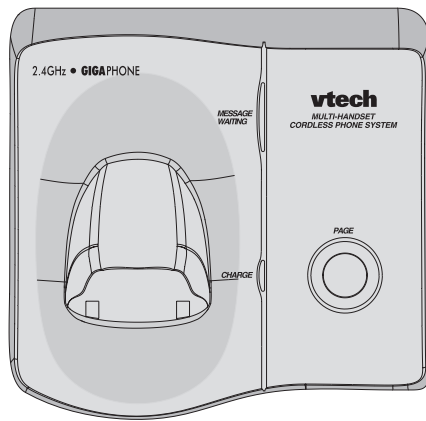
Parts Check List

- | | |
|---------------------|--------------------------|
| 1. Base Unit | 5. Battery Pack |
| 2. Handset | 6. Wall Mounting Bracket |
| 3. AC Power Adapter | 7. Belt clip |
| 4. Telephone Cord | 8. Owner's Manual |

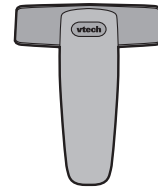
To purchase replacement battery packs, call Vtech Communications Inc at 1-800-595-9511. In Canada, call VTech Electronics Ltd at 1-800-267-7377.



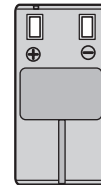
Handset



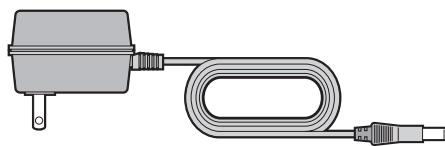
Base Unit



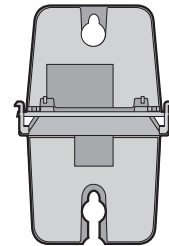
Belt Clip



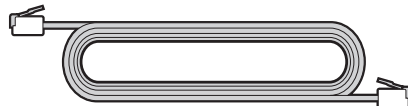
Battery Pack



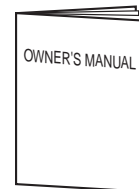
AC Power Adapter



Wall Mounting Bracket

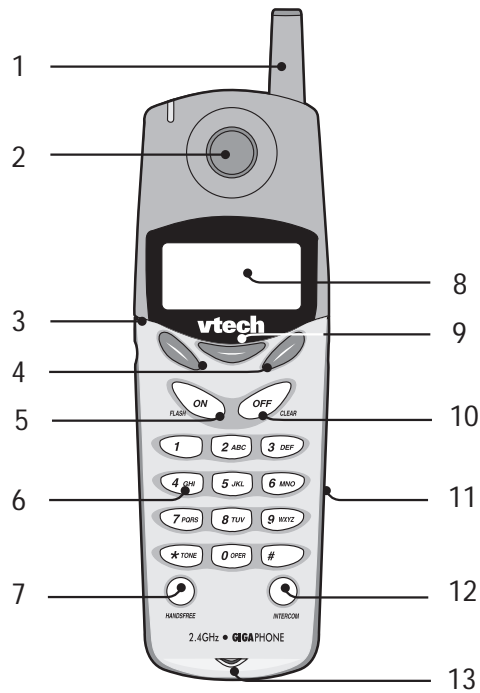


Telephone Line Cord



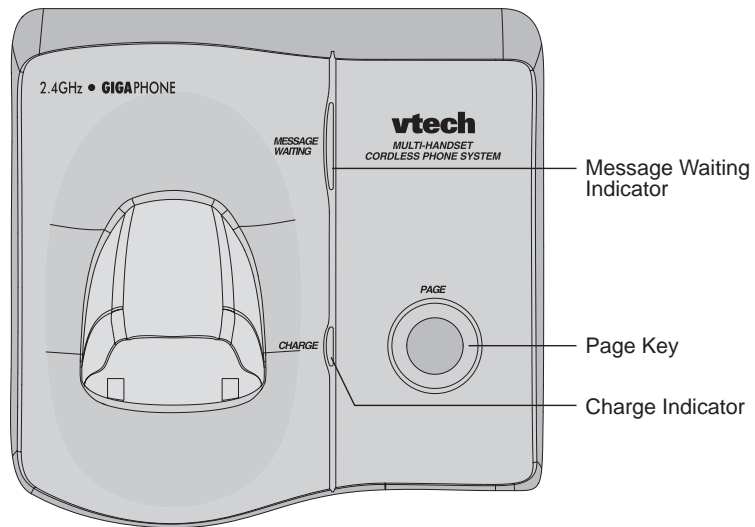
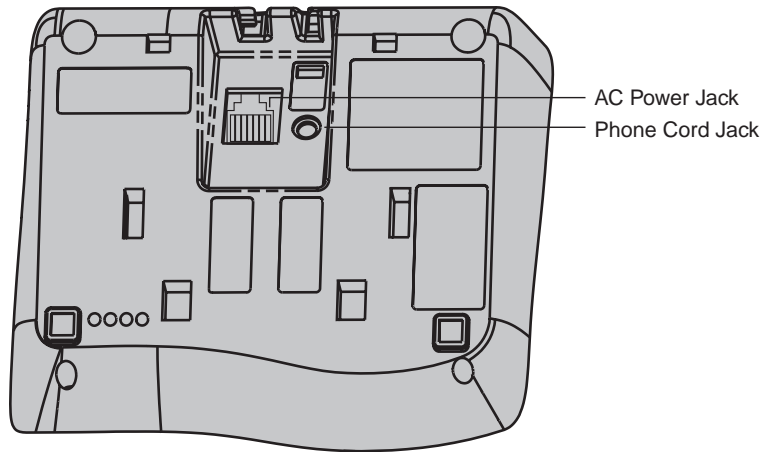
Owner's Manual

The Handset Layout



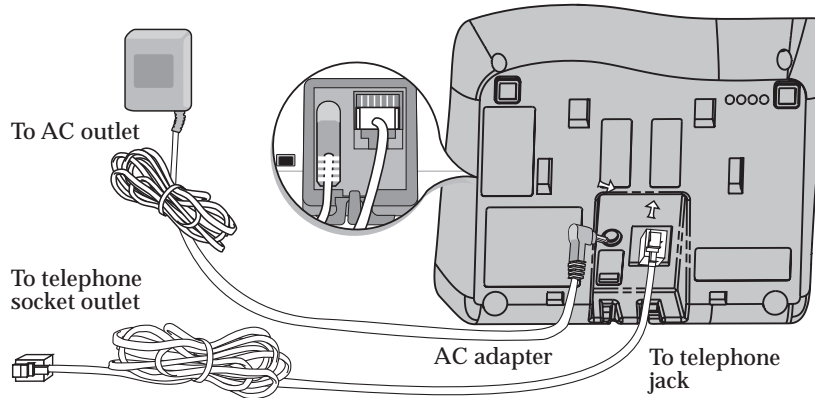
- | | |
|---------------------------|-------------------------|
| 1. Antenna | 8. LCD Display |
| 2. Earpiece | 9. Select |
| 3. Headset Jack (2.5mm) | 10. Off (Clear) |
| 4. Scroll Keys | 11. Battery Compartment |
| 5. On (Flash) | 12. Intercom |
| 6. Dialing Keys (0-9) | 13. Microphone |
| 7. Handsfree Speakerphone | |

The Base Unit Layout



Setup


1. Plug the AC power adapter into an electrical outlet, and the DC connector into the back of the base unit.



Connecting to phone line


Plug one end of the telephone line cord into the jack on the back of the base unit. Plug the other end of this cord into the wall jack.

Checking for dial tone

After the battery is charged press ON on the Handset. The Phone icon  will appear on the handset display, and you will hear dial tone. If not, see In Case of Difficulty.

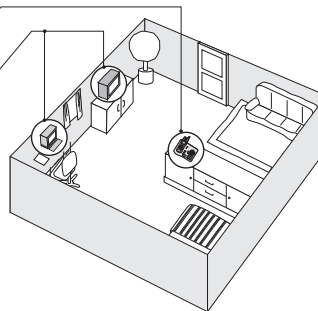
Tone/Pulse selection

The TONE/PULSE switch is located on the bottom of the Base Unit, next to the telephone jack. It is factory set to **TONE**. If you have rotary (Pulse) service, set the switch to **PULSE**.

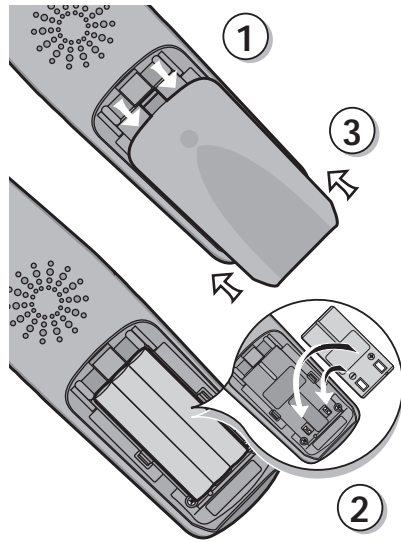
 **CAUTION:** Use only the 7 volt power adaptor provided with your GIGAPHONE.

IMPORTANT: FOR MAXIMUM PERFORMANCE OF YOUR CORDLESS TELEPHONE SYSTEM:

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



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, or a remote charging stand, and allow it to charge for 12 hours. After initial charge, a maintenance charge of 8 hours should be sufficient.

The original Handset that is shipped with your GIGAPHONE system will be automatically registered to the Base. This Handset is HANDSET 1.

As you register additional Handsets to the system, they will be assigned extension numbers in the following order: **HANDSET 2**, **HANDSET 3**, and finally **HANDSET 4**.

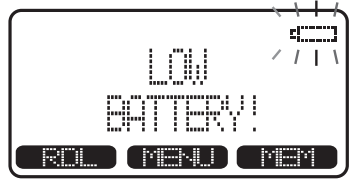
Whenever a Handset battery pack is installed, the Handset will automatically begin **SEARCHING FOR BASE** (if previously registered), or it will prompt you to **ENTER BASE ID** to register the new Handset.

Charging Of Handset Battery Pack

The Handset of your GIGAPHONE cordless telephone is powered by a rechargeable battery pack. It charges automatically whenever the Handset is in the Base Unit.

You should charge the battery pack for 12 hours when you first receive your phone. You'll know the battery pack needs charging when:

- The low battery message is displayed:
- The handset seems completely dead, the LCD is completely clear and does not activate when you press the keys.

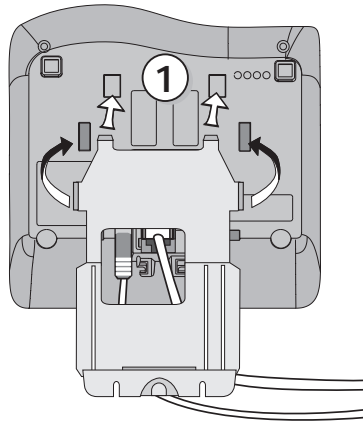


IMPORTANT:

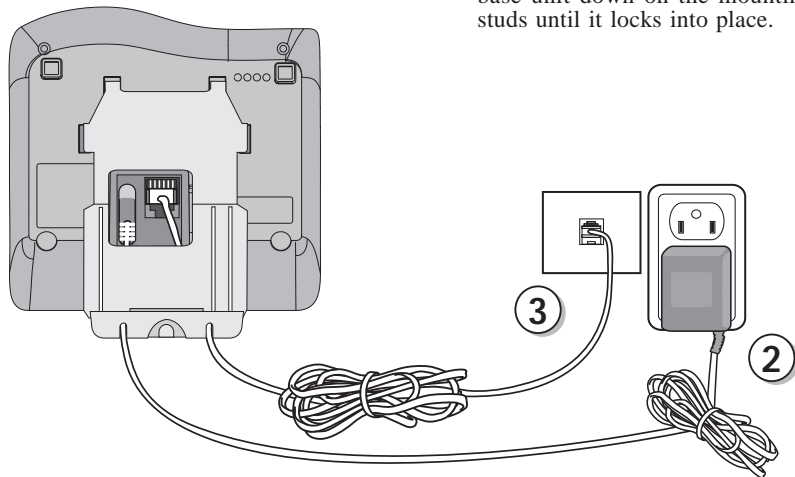
1. Do not dispose of a battery pack in a fire, the cell may explode.
2. Do not open or mutilate the battery pack. Toxic substances may be released, causing harm to eyes or skin.
3. Exercise care in handling battery packs in order to prevent an accidental short of the charge contacts, potentially causing the battery pack to overheat.
4. Do not dispose of this battery pack into household garbage. Please refer to the following information concerning proper battery recycling:

Wall Mounting

The Wall Mount bracket is designed for use on standard Wall Mount plates only.



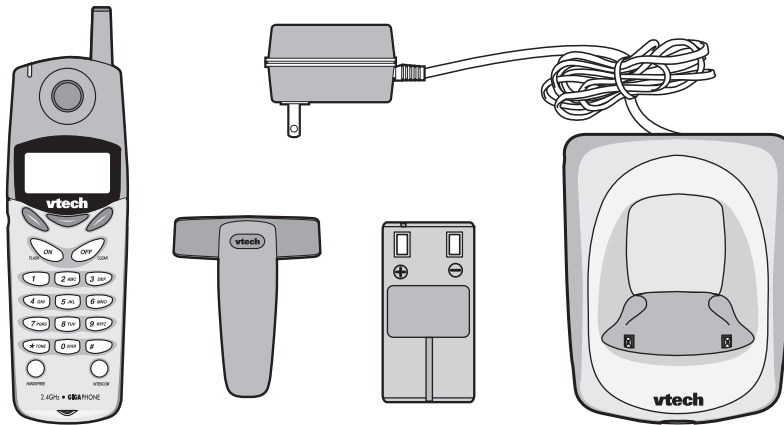
1. Line up the tabs on the wall mount adapter with the holes on the bottom of the base unit. Snap the wall mount bracket firmly in place.
2. Plug the AC adapter into an electrical outlet, and the DC connector to the back of the base unit. If the handset battery pack has not been charged previously, place the handset in the base unit cradle, and allow it to charge for 12 hours.
3. Connect the telephone line cord to the jack on the back of the base unit, and the other end to the wall jack.
4. Mount the base unit on the wall. Position the base unit so the mounting studs will fit into the holes on the wall mount bracket. Slide base unit down on the mounting studs until it locks into place.



Registration and Operation of the VT2420 Accessory Handset

Your GIGAPHONE system can operate up to 4 Handsets.

The accessory Handset consists of the following:

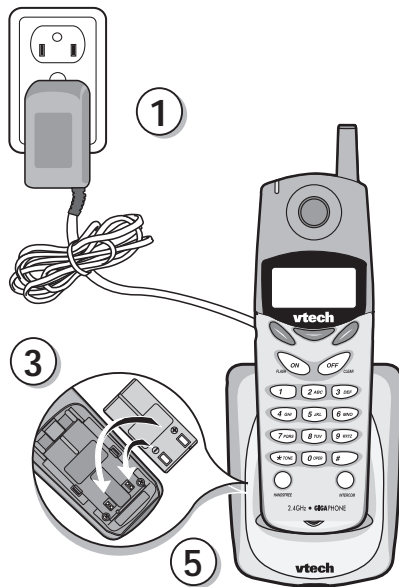


Handset

Belt Clip

Battery Pack

Charger Unit



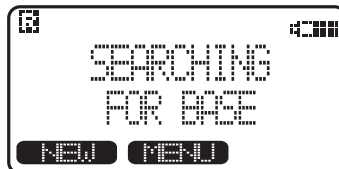
Setup Of The 2420 Accessory Handset

1. Plug the AC power adapter into an electrical outlet.
2. Remove the Handset battery cover by pressing on the indent and sliding downward.
3. Place the new battery pack in the Handset, with the metal contacts aligned with the charge contacts in the battery compartment.
4. Replace the battery cover by sliding it upward.
5. Place the Handset in the Charge Cradle, and allow it to charge for 12 hours. After the initial charge, a maintenance charge of 8 hours should be sufficient.

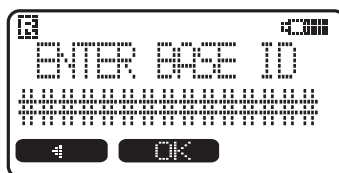
Registration and Operation

Enter Base ID Code

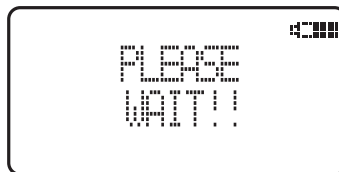
1. After charging the Handset, remove it from its Charge Cradle, the screen will display:



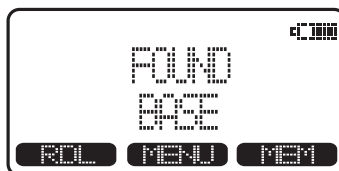
2. Press *NEW*, then enter the 15 digit Base Unit ID code, located on the underside of the Base Unit.



3. Press *OK*. The Handset will display: **PLEASE WAIT!!**

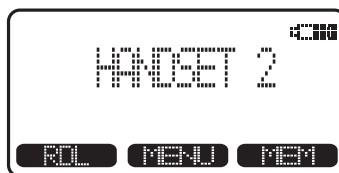


4. Wait approximately 15 seconds. The Handset will display: **FOUND BASE**



If the Handset displays: **BASE BUSY TRY LATER**, this indicates that the system is in use. Wait until the Base Unit is in the idle (on hook) mode, and repeat steps 2 to 4.







NOTE: Occasionally, it may take longer than 15 seconds for the Handset to confirm registration to the Base Unit. This is normal.



Congratulations! You can now enjoy the benefits of your multi-Handset system.

Handset and Base Indicators

Handset Icons

Icon	Description
	<u>Line In Use indicator</u> On steady with no number next to it when a parallel set is in use. On steady with one or more numbers next to it, indicating which extensions are using the line. For example,  12 indicates that Handset 1 and Handset 2 are on an outside call.
	<u>Intercom indicator</u> On steady with the extension numbers currently on an intercom call. For example,  12 indicates that Handset 1 and Handset 2 are on an intercom call.
	<u>Battery indicator</u> Cycles (Low, Medium, and High) when Handset battery is charging. Flashes when a low battery condition is detected.
M	<u>Mute indicator</u> On steady when the Handset microphone is muted.
H	<u>Hold indicator</u> On steady when the line is on hold.
R	<u>Handset Registration indicator</u>  is displayed when a Handset is either not registered, or is searching for a Base unit.

Handset and Base Indicators

Handset LEDs

LED	Description
Message Waiting	<ul style="list-style-type: none">Lights to indicate that you have new messages in your voicemail. Service must be subscribed to through your local telephone company.

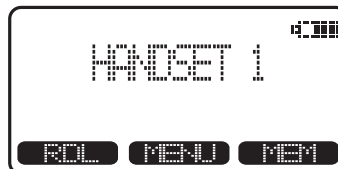
Base LEDs

LED	Description
Message Waiting	<ul style="list-style-type: none">Flashes to indicate that you have new messages in your voicemail. Service must be subscribed to through your local telephone company
Charging	<ul style="list-style-type: none">Lights whenever the handset is placed in the base unit charging cradle.

Soft Menu Functions


The GIGAPHONE has an advanced design that uses a menu structure and soft keys to access all of the built-in features.

Example of the idle mode display:



RDL (Redial)

Press **RDL** to display the last 5 telephone numbers dialed. The number on the top line is the most recent number dialed.

- Use the  scroll keys to select the desired number.
- To dial the number, you can simply press the **ON** or **HANDSFREE** key.
- To erase (or save) the number, select this option to delete (or save) it.


MENU

With the Handset in the idle (OFF) mode, press the **MENU** key to access the following options:

- **CALLS LOG (CALLER ID)**
- **HANDSET SETTINGS**
- **RANGE EXTENDER**
- **REGISTER**

Use the  scroll keys to select the desired option, then press **OK**.

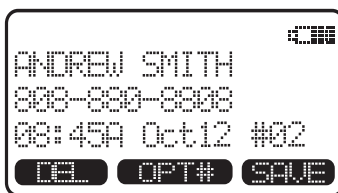
Calls Log (Caller ID)

From the idle (OFF) mode, press **MENU**, use the  scroll keys to select **CALLS LOG**, then press **OK**. The Caller ID information of the most recently received call will be displayed. For example:



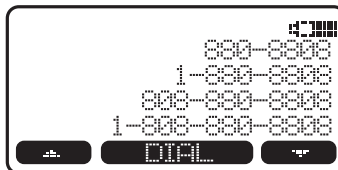
To scroll to other records, use the  scroll keys.

To dial the number displayed, you can simply press the **ON** or **HANDSFREE** key.



You can also press the **CID** key to access the following options (**DEL**, **OPT#**, **SAVE**):

- DEL** : Select this option to delete THIS or ALL records in Caller ID memory.
- OPT#** : Select this option to display up to four possible dialing strings of the number stored in Caller ID memory. If a number is provided in the Caller ID data, the possible options to choose from will be either 7, 8, 10, or 11 digits. For example, if the original number in Caller ID memory was 808-880-8808, then the display options will be:



Use the UP and DOWN keys to make selection, and then press **DIAL**, **ON** or **HANDSFREE** to dial the number.

- SAVE** Select this option to save the displayed Caller ID record into Speed Dial Memory. Only Caller ID records with telephone numbers can be saved into Speed Dial Memory. If you need to modify the number after saving, see **TO EDIT A NUMBER**.

Caller ID - Call Waiting ID

Your GIGAPHONE is capable of displaying the name and/or number of the party calling before you answer the phone (**Caller ID**). It is also capable of displaying Caller ID information in conjunction with a Call Waiting alert signal (**Call Waiting Caller ID**). With Call Waiting Caller ID, the Caller ID data is displayed so you can decide whether to answer the incoming call, or continue with your current conversation.





NOTES ABOUT CALLER ID & CALL WAITING CALLER ID

These are subscription services, provided by most regional telephone service providers. You must subscribe to these services to get the benefits of these features. If you do not subscribe to Caller ID services, you can still use your GIGAPHONE and the other features it offers.

Due to regional incompatibilities, Caller ID information may not be available for every call you receive. In addition, the calling party may intentionally block their name and phone number from being sent.

Handset Settings

From the **Handset Settings** menu, you can select the following options:

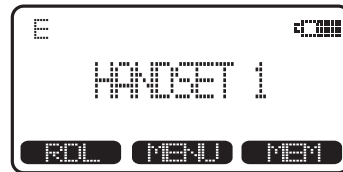
- **RINGER VOLUME**
Select this option to adjust the ringer volume. Use the  scroll keys to adjust the volume up or down. A Handset will display a graphic indicator of the selected volume setting. Press **OK** to confirm your selection and return to the Handset Settings menu.
- **RINGER MELODY**
Select this option to adjust the ringer melody or tone. Use the  scroll keys to select from the six available tones. Press **OK** to confirm your selection and return to the Handset Settings menu.
- **LOW BATT TONE**
Select this option to turn the Low Battery warning tone **ON** or **OFF**. Press the **OFF** or **ON** soft keys, to make your selection. Press **OK** to confirm your selection and return to the Handset Settings menu. When set to **ON**, the Handset will emit a warning tone when a Low Battery condition is detected.
- **RANGE TONE**
Select this option to turn the Out of Range warning tone **ON** or **OFF**. Press the **OFF** or **ON** soft keys, to make your selection. Press **OK** to confirm your selection and return to the Handset Settings menu. When set to **ON**, the Handset will emit a warning tone whenever the Handset is taken out of range of the Base.
- **KEYPAD TONE**
Select this option to turn the Keypad tones **ON** or **OFF**. Press the **OFF** or **ON** soft keys, to make your selection. Press **OK** to confirm your selection and return to the Handset Settings menu. When set to **ON**, the Handset will emit a beep whenever a key is pressed.
- **CONTRAST**
Select this option to adjust the contrast level of the Handset display. Use the  scroll keys to make your selection. The handset display will automatically adjust as you make your selection. Press **OK** to confirm your selection and return to the Handset Settings menu.
- **LANGUAGE**
Select this option to change the display from English to Spanish. Use the  scroll keys to select language, then press **OK** to confirm your choice.

Range Extender

Your GIGAPHONE has an enhanced feature that is designed to improve performance. If you are using your GIGAPHONE in an area with excessive interference, or you require a moderate increase in operating range, the Range Extender feature can help to improve both the sound quality and range. Actual range will depend on your environment.

To select the Range Extender setting, follow the procedure listed below:

- In the idle(OFF) mode, press MENU and use the scroll keys to select RANGE EXTENDER, then press OK.
- There are 3 option settings in the RANGE EXTENDER menu:
 1. Select **OFF** to disable RANGE EXTENDER
 2. Select **ON** to enable RANGE EXTENDER. An "E" icon will appear in the upper left corner of the Handset display, indicating that RANGE EXTENDER is ON.
 3. Select **AUTO** to allow your GIGAPHONE to automatically monitor the signal strength between the handset and base unit, and activate whenever necessary. With this option selected, your GIGAPHONE may occasionally enable or disable the RANGE EXTENDER feature. When RANGE EXTENDER is enabled, an "E" icon will appear in the upper left corner of the Handset display.
- Use the scroll keys to select the desired setting, and then press OK to confirm the selection.



Note : When Range Extender mode is enabled, your GIGAPHONE will consume more battery power. That means the standby and talk time of your Handset will be shorter.

Register

Use this option to register a Handset to the GIGAPHONE Base. You can register a total of four Handsets to the GIGAPHONE Base. This process is activated automatically whenever a new handset is powered up in range of the GIGAPHONE Base.

You will be prompted to enter the 15-digit Base ID code printed on the underside of the base unit. After entering this code, press **OK**. The Handset will display **SEARCHING FOR BASE**, and then **FOUND BASE** when the process is complete.

Note : Base ID codes are 15 digits long and can include the following characters : 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, *, or # .

MEM (Memory)

The GIGAPHONE can store up to 50 names/numbers in memory. Each memory location can hold up to 32 digits and up to 16 characters for the name.

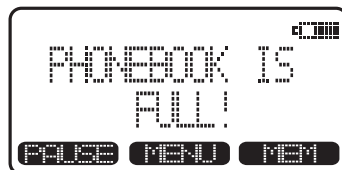
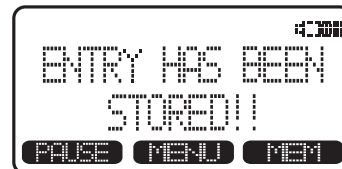
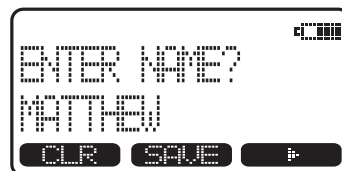
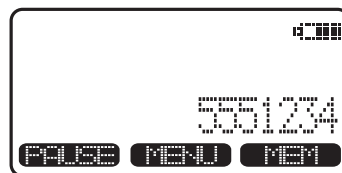
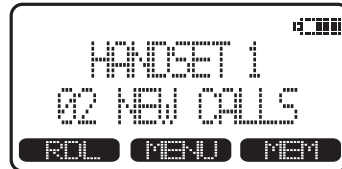
When prompted to **ENTER NAME?**, use the digit keys to 'spell' the name. Each press of a particular key causes characters to be displayed in the following order:

Number Key	Characters (in order)
1	& ' , . 1
2	A B C a b c 2
3	D E F d e f 3
4	G H I g h i 4
5	J K L j k l 5
6	M N O m n o 6
7	P Q R S p q r s 7
8	T U V t u v 8
9	W X Y Z w x y z 9
0	0
*	*
#	#

MEM (Memory)

To Store a Number/Name:

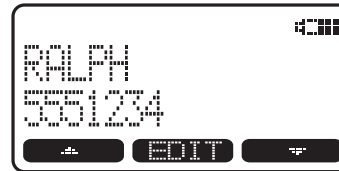
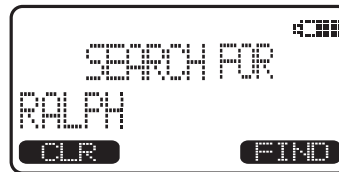
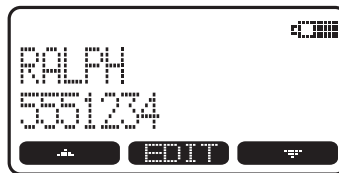
- Starting from the idle screen, enter the number you want to store in memory.
- Be sure to include long distance codes and pauses (using the *PAUSE* softkey) if necessary. Press the *MEM* softkey.
- You will then be prompted to **ENTER NAME?** Use the digit keys to 'spell' the name. If you make a mistake, press the *CLR* softkey. To enter a space press *[Space]*. When finished, press *SAVE*.
- If there is space available in memory, the number/name will be saved and the Handset will return to idle mode.
- If the memory is full the Handset will display **PHONEBOOK IS FULL** and exit to the idle screen without saving the entry.



MEM (Memory)

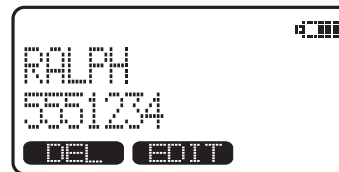
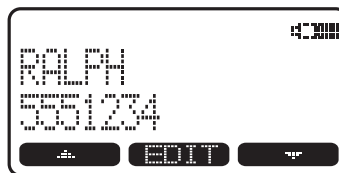
To Search For and Dial a Number/Name:

- Starting from the idle screen, press the **MEM** softkey to review memory contents.
- Using the **←** / **→** softkeys scroll through the memory contents in alphabetical order.
- Or, you can press the **FIND** softkey, enter the first few characters of the name and then press **FIND** to search. If you make a mistake, press **CLR** softkey. The closest match, in alphabetical order, will be displayed.
- Once you find the entry you want, simply press **ON** or **HANDSFREE** to dial the number.



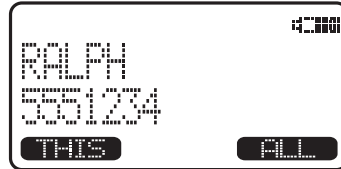
To Delete a Number/Name:

- Using the steps in **To Search For and Dial a Name/Number**, locate the entry you want to delete.
- Press the **EDIT** softkey. The Handset will display:




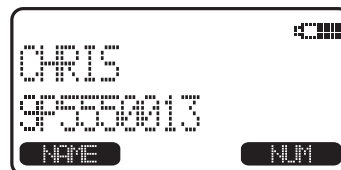
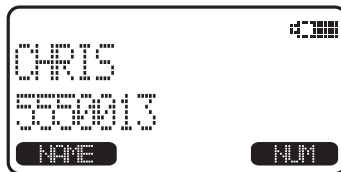
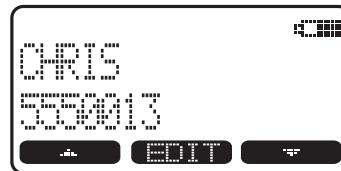
MEM (Memory)

- Press the **DEL** softkey. The Handset will display:
- To delete this record, press **THIS**.
- To confirm the deletion of **ALL** records, press **YES**. To exit without deleting press **NO**.

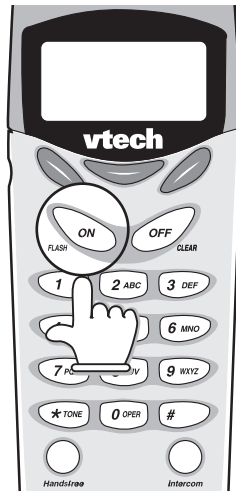


To Edit a Number/Name

- Using the steps in **To Search For and Dial a Name/Number**, locate the entry you want to edit.
- Press the **EDIT** softkey **twice**. The Handset will display:
- Press either **NAME** or **NUM** for editing.
- Using the  softkey move the cursor to the character you want to edit and then enter the corrections as needed. Press **MORE** to access **DEL**, **BACK** and **PAUSE** (for editing number)/**SPACE** (for editing name) function. When finished press the **SAVE** softkey. To exit without saving press **OFF**.
- When finished the handset will display the edited entry.



Handset Operation



Making Calls



- Press **ON** (or, **HANDSFREE** to use the Handset Speakerphone feature). Dial the phone number.

-OR-

- Dial the phone number first; then press **ON** (or **HANDSFREE**).
- Press **OFF** to end your call.

Answering Calls



- Press any key except **OFF** and the softkey.
- Press **OFF** to end your call.

Hold Function



- Press the **HOLD** soft key to place a call on hold. To return to the call press the **ON** or **HANDSFREE** key.

Flash Function

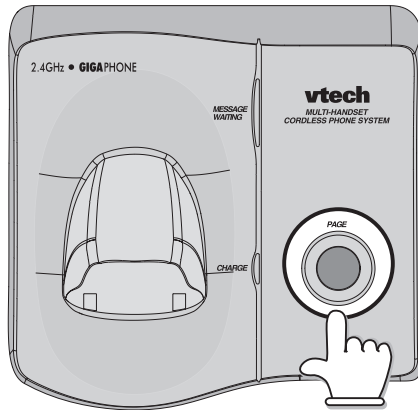


You can use your GIGAPHONE with services such as Call Waiting. Simply press the **ON** key on the Handset.

Volume Control

During an active call, press the **VOL** soft key, then use the **Up** and **Down** soft keys to adjust the earpiece or Handsfree Speakerphone volume. Press **OK** to confirm your choice.

Handset Operation



Page/Intercom

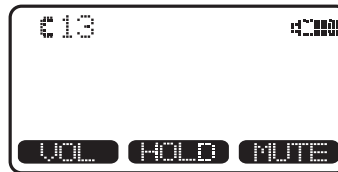


From Base to ALL Handsets :

- To page all Handsets from the Base press the **PAGE/INTERCOM** key. This will cause all Handsets linked with this Base to ring.
- Each Handset will display **PAGE FROM BASE**.

From Handset to Handset :

- Press the **INTERCOM** key followed by the number of the other Handset you wish to call (e.g. **INTERCOM 3**).
- Handset 3 can then answer the intercom call by pressing the **INTERCOM** key.
- To end the intercom call press **OFF** on either Handset.



All Call from Handset

- Press the **INTERCOM** key, followed by the *****. All registered Handsets will ring.
- Any Handset can answer by pressing **INTERCOM**.
- To end the intercom call, press **OFF** on the Handset.

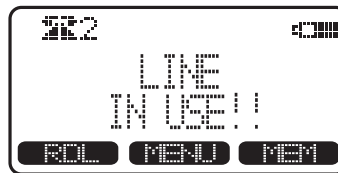
Handset Operation

Handsfree Speakerphone Operation

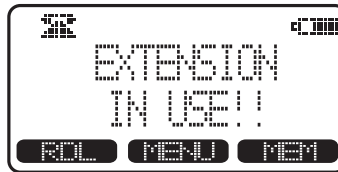
Your GIGAPHONE handset has a built-in handsfree speakerphone. This feature allows you to stand the Handset upright on a table or desktop and have handsfree conversations. For more information, refer to **MAKING CALLS in HANDSET**.

Line in Use Indication

On the Handset :
When the telephone line is currently being used by a GIGAPHONE Handset, a status message similar to this will display on idle Handset(s):



When the telephone line is currently being used by a parallel set (a telephone device other than the GIGAPHONE on the same line); the phone icon will remain on steadily, and EXTENSION IN USE will be displayed.



Low Battery Indication

When a low battery is detected, the Battery icon will flash and a warning beep is played. The status message LOW BATTERY will also be displayed when the Handset is in idle mode. To prevent an unexpected call drop, a drained Handset battery should be replaced by a fully charged spare battery.

Message Waiting Indication

The GIGAPHONE is compatible with optional voicemail service provided by some local telephone companies. If you subscribe to this service, and you have new, unplayed messages in your voicemail, a Visual Message Waiting Indicator (VMWI) signal is transmitted by your local telephone company.

The GIGAPHONE will detect a VMWI signal and activate Visual Message Waiting alerts both on the Base Unit and Handset.

After you check your messages, the Message Waiting indicators will automatically turn off.

Please note that whenever new, unplayed messages are stored in your voicemail, the local Telephone Company will continue to send a VMWI signal.


NOTE: The visual MESSAGE WAITING feature requires a signal from your local telephone company called **FSK** (Frequency Shift Keying). Not all local phone companies can provide this signal. The audible stutter dial tone alone will not activate the Message Waiting feature on this telephone. Please check with your local service provider if the **FSK** signal is available in your area.

Handset Operation

Conference Calling

The GIGAPHONE is capable of supporting conference calls with up to two registered Handsets.

To enter a conference call, simply access the line with two extensions by pressing *ON* (or *HANDSFREE*) on the Handset.

The phone icon  and two extension numbers will be displayed in the upper left corner of the Handset.

Transferring Calls

You can transfer calls on the GIGAPHONE system from Handset to Handset.

Blind Transfer

You can directly transfer any active call to another GIGAPHONE extension without notification by doing the following steps:

- Handset must be on an active call.
- Press the *INTERCOM* key followed by the number of the Handset (**1,2,3,4**) that you wish to transfer the call to.
- When the other extension answers, the call will automatically be connected to the other extension.
- An unanswered call will ring back to the originating Handset if not answered within 30 seconds

Announced Transfer:

You can perform an announced transfer (call and advise another extension) of an active call by doing the following steps:

- Handset must be on an active call.
- Place the active call on *HOLD*.
- Press the *INTERCOM* key, followed by the number of the Handset (**1,2,3 or 4**) that you wish to transfer the call to.
- When the other extension answers the intercom call, explain they have an active call waiting.
- Both extensions press *OFF* to end the intercom call.
- The other extension presses *ON, HANDSFREE* to pick up the call on hold.

Headset Operation

Your GIGAPHONE cordless telephone 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 GIGAPHONE.

To purchase a Headset or Battery Pack, please call **Vtech Communications** at **800-595-9511**

Once you have a compatible 2.5mm Headset, locate the Headset Jack on the GIGAPHONE 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.



Operation

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 GIGAPHONE 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 GIGAPHONE Handset. The belt clip should snap securely into place. Do not force the connection.

Maintenance

Taking Care Of Your Telephone

Your GIGAPHONE 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 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' message is shown, 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 HANDSET SETTINGS and BASE SETTINGS.
- 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.

In Case Of Difficulty

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.

You Hear Noise In The Handset, And None Of The Keys Or Buttons Work

- Make sure the power cord is plugged in.

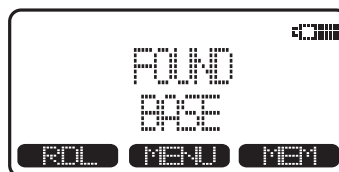
Common Cure For Electronic Equipment

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, and spare battery pack, if applicable.
3. Wait a few minutes.
4. Connect power to the Base.
5. Re-install the battery pack (s)
6. Watch for Handset to display :



then



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 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 limited 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 6 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?

you must

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 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) 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 Communication Inc

SERVICE DEPT. 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 and IC Regulations

FCC Part 68

The FCC requires that you connect your cordless telephone to the nationwide telephone network through a modular telephone jack (USOC RJ11C, RJ11W or RJ14).

Your telephone company may discontinue your service if your equipment causes harm to the telephone network. They will notify you in advance of disconnection, if possible. During notification, you will be informed of your right to file a complaint with the FCC.

Occasionally, your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the operation of your equipment. If so, you will be given advance notice of the change to give you an opportunity to maintain uninterrupted service.

The Base Unit contains no user serviceable parts. The Handset contains a user replaceable battery pack.

If it is determined that your telephone equipment is malfunctioning, the FCC requires that it not be used and that it 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 or by others who may be authorized by the FCC. For repair procedures, follow the instructions outlined under the VTECH Limited Warranty.

This equipment may not be used on coin service provided by the phone company or Party Lines.

The REN is useful in determining the number of devices you may connect to your telephone line and still enable the devices to ring when you receive a call. The general rule is that the REN value should not exceed 5.0A total; however, contact your local telephone company for the specific number in your area.

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 and IC Regulations

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 2421 is designed to operate at the maximum power allowed by the FCC. This means your Handset and Base Unit can communicate only over a certain distance - which will depend on the location of the Base Unit and Handset, weather, and the construction and layout of your home or office.

The RBRC® Seal



The RBRC® Seal on the nickel-cadmium battery contained in our product 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 partnership with RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or 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.

Remove the nickel-cadmium battery pack by pressing on the Handset battery cover and sliding downward.

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

Technical Specifications

FREQUENCY CONTROL

Crystal controlled
PLL synthesizer

TRANSMIT FREQUENCY

2401.056 - 2481.408 MHz

RECEIVE FREQUENCY

2401.056 - 2481.408 MHz

CHANNELS

94 Channels

NOMINAL EFFECTIVE RANGE

Maximum power allowed by FCC. Actual operating range may vary according to environmental conditions at the time of use.

SIZE

Handset : 48mm x 33mm x 175mm

Base : 130mm x 115mm x 60mm

WEIGHT

Handset : 175 grams

Base : 200 grams

POWER REQUIREMENTS

Handset : 800mAh NiCd Battery
Pack or 1500mAh NiMH
Battery Pack

Base : 7 VDC @ 500mA

MEMORY

Speed Dial: 50 Memory locations, up to
32 digits per location.

CID : Alpha Numeric Display 50
Memory locations

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

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