

OPERATING MANUAL

MODEL : MH9082

GVC KOREA

Special Features

Congratulations on your selection of a quality **BellSouth** product. With proper care and adherence to the set-up and user instructions in this manual, this unit will provide you with years of trouble-free service.

BellSouth is committed to providing quality products that fit your needs. We would like to have any comments or suggestions you might have on this product. You may mail your comments to :

**U.S Electronics
105 Madison Avenue
New York, NY 10016**

CARTON CONTENTS

- BASE and HANDSET
- Rechargeable Ni-Cad Battery(3.6V, 600mAh)
- AC ADAPTOR (CL:II,DC9V,400mA)
- Telephone LINE CORD-Long
- Telephone LINE CORD-Short
- Owner's Manual
- Quick Start Guide (English Version)
- Quick Start Guide (Spanish Version)
- Battery Order Form
- Warranty Card
- Handset Wrap

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IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock and/or injury, always follow these basic safety precautions when using your cordless telephone equipment.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the telephone.
3. Unplug this telephone from the wall outlet before cleaning or replacing batteries. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. If necessary, use only a mild soap.
4. Do not use this telephone near a bathtub, kitchen sink, wash bowl, laundry tub, swimming pool, in a wet basement, or anywhere else where there is water.
5. Do not place this telephone on an unstable cart, stand or table. A fall could cause serious damage to the phone.
6. 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 unless proper ventilation is provided.
7. Operate this telephone only with the correct electrical voltage in your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install the phone where people will walk on the cord.
9. Do not overload wall outlets and extension cords. This can increase the risk of fire or electric shock.
10. Never push objects of any kind through slots in the phone. They could 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 telephone.
11. To reduce the risk of electric shock, do not take this telephone apart. When service or repair work is required on this telephone, take it to a qualified service representative. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect re-assembly can cause electric shock when the appliance is used.
12. Unplug this telephone from the wall outlet and consult a qualified service representative in any of the following situations:
 - A. When the power supply cord is frayed or damaged.
 - B. If liquid has been spilled into the telephone.
 - C. If the product has been exposed to rain or water.
 - D. If the telephone does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the telephone to normal operation.
 - E. If the telephone has been dropped or the case has been damaged.

F. If the telephone exhibits a distinct changes 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.

15. Never install telephone wiring during a lightning storm.

16. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

17. Never touch uninstalled telephone wires or terminals unless the telephone line has been disconnected at the network interface.

18. Use caution when installing or modifying telephone lines.

Battery Safety

CAUTION:

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

1. Use only the following type and size of battery pack:

Cordless Telephone Battery Pack

3.6V, 600mAh

Ni-Cad Battery Pack: AAX3

2. Do not dispose of the battery pack in fire. They may explode. Check with local codes for possible special disposal instructions.

3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes of skin. It may be toxic if swallowed.

4. Exercise care in handling batteries to prevent shorting the battery with conducting materials such as bracelets and keys. The battery or conductor may overheat and cause burns.

5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

6. Do not attempt to rejuvenate the battery provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur causing burns or irritation to eyes or skin.

7. When inserting the battery into this product, the proper polarity must be observed. Reverse insertion of battery may result in leakage or explosion.

8. Remove the battery from this product if the product will not be used for a long period of time (several months or more) since during this time the battery could leak in the product.

9. Discard "dead" battery as soon as possible since "dead" battery is more likely to leak in a product

10. Do not store this product, or the battery identified for use with this product, in high temperature areas.

Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be stabilized at room temperature prior to use after cold storage.

11. Always disconnect all telephone line cords from the wall modular jacks before installing or replacing the battery.

ATTENTION

The product you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area recycling options or proper disposal.

IMPORTANT

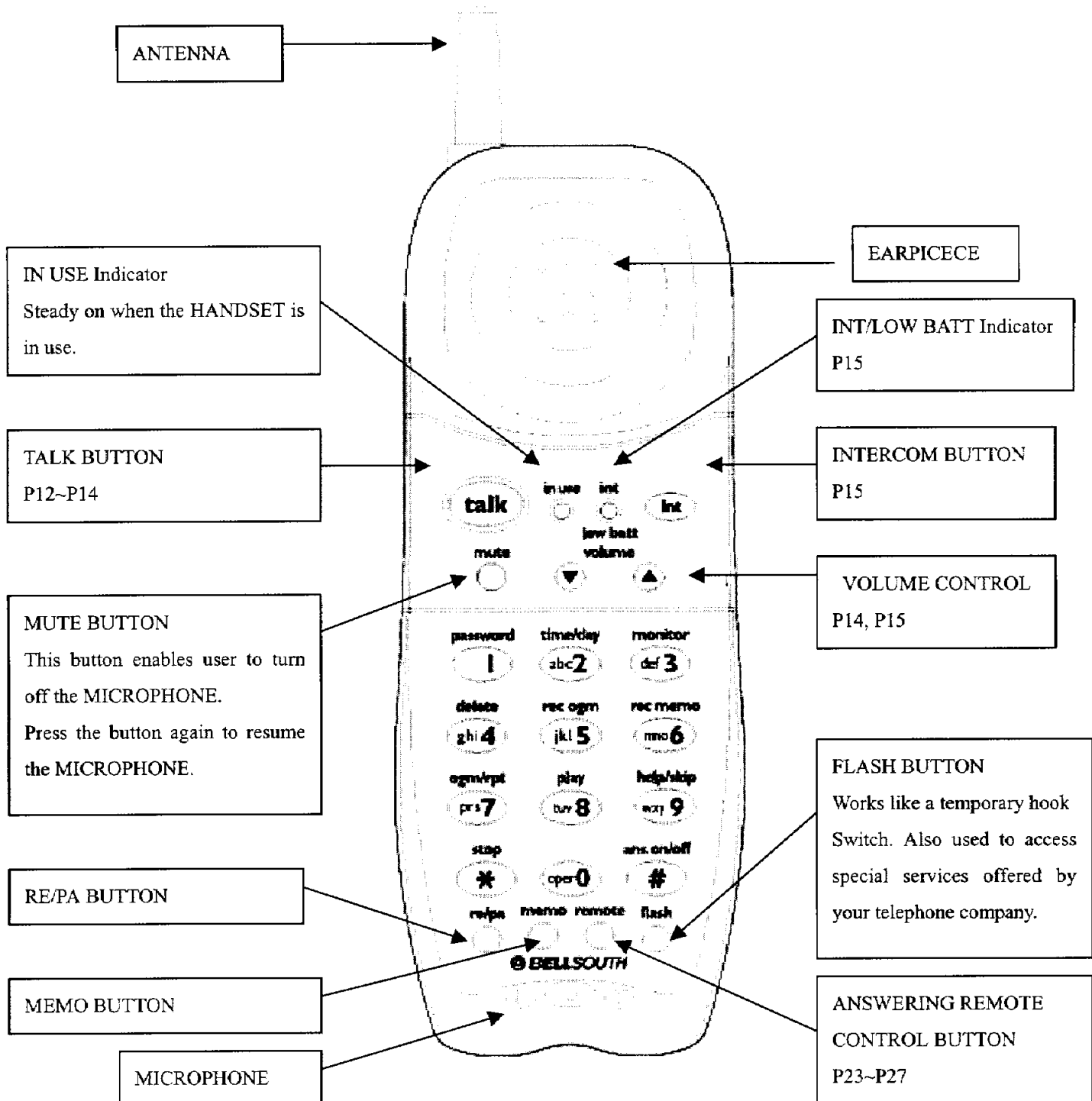
Read this manual before attempting to setup or use this instrument. It contains important information and use. Keep this manual for future reference. Also save the carton, packing and purchase to simplify and accelerate any needed action.

WARNING

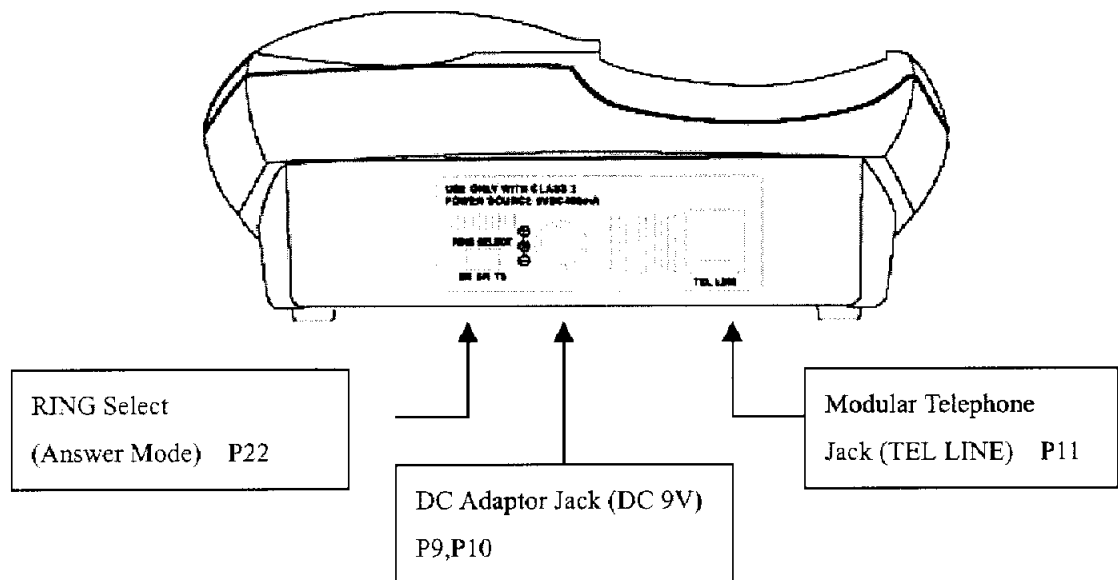
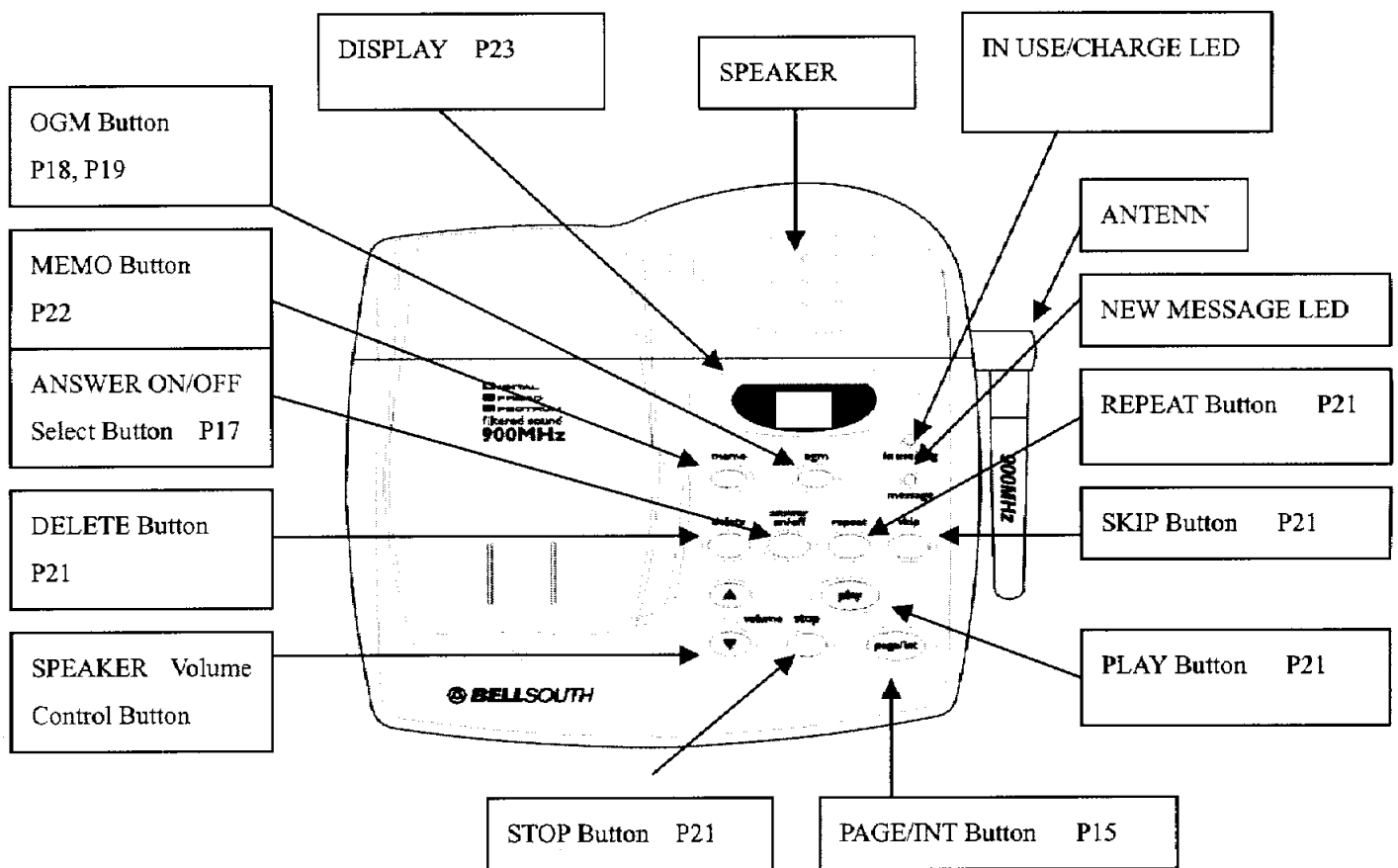
To prevent fire or shock hazard, do not expose this product to rain or any type of moisture. If accidentally dropped into water, this product should be immediately unplugged from the AC outlet and telephone wall jack.

**THIS SYMBOL IS INTENDED TO ALERT THE USER
OF THE PRESENCE OF IMPORTANT OPERATING
AND MAINTENANCE (SERVISING) INSTRUCTION IN**

HANDSET CONTROLS



BASE STATION CONTROLS



Digital Spread Spectrum Technology

Your unit features Digital Spread Spectrum Technology(DSST) which virtually eliminates noise and other interference while greatly increasing operating rang. DSST uniformly spreads the signal over one of 20 independent frequency ranges, or channel, for maximum ranges and clarity. The BASE and HANDSET share a pre-assigned digital code which interfering signals do not have, so any noise is filtered out and the user enjoys reliable and crystal-clear sound quality.

Digital Spread Spectrum Technology Advantages

Smart Channel Hopping – During operations, the unit constantly monitors the transmission for interference. If interference is detected, the phone automatically scans for and hops to the next clear channel. This hopping is instant and does not interrupt normal conversation.

Maximum Security – The security code is changed every 8 uses, selected from one of 16 million different codes. This makes interception virtually impossible.

3 Level Power Output – The unit constantly monitors the strength of the signal from the HANDSET to the BASE, selecting one of three transmission power levels for maximum range and extended battery life

Getting Started

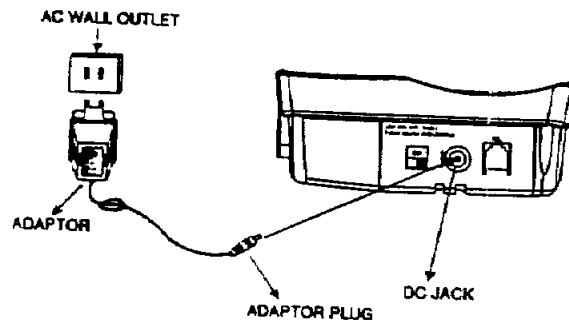
Connecting Your Phone

This section is a reference guide in connecting your cordless telephone for proper operation.

- 1.Carefully remove your cordless telephone from its shipping carton. If there is any visible damage, do not attempt to operate this equipment. Return it to the place of purchase.
- 2.Be sure that you have all items that come with this cordless telephone system. You should have a HANDSET, BASE UNIT, AC ADAPTOR, TELEPHONE LINE CORD, ANTENNA, SHORT TELEPHONE LINE CORD, WALL MOUNT BRACKET and Owner's Manual.

3. Insert one plug of the telephone line cord into the house telephone jack and the other end into the telephone line jack on the back of the BASE UNIT.

(If you have an older 4-prong telephone jack, you will need an RJ-11C TELEPHONE JACK ADAPTOR. This adaptor is available at the same place you purchased your telephone.)



4. Insert the small plug at the end of the AC ADAPTOR into the POWER-IN connection jack on the back of the BASE UNIT.

5. Plug the AC ADAPTOR (output : 9VDC, 400mA) into a 120V AC wall outlet.

6. Set the date and time of the BASE UNIT.

7. Raise the ANTENNA on the BASE UNIT for the best reception.

8. We recommend not placing this unit next to appliances. Doing so may cause interference.

9. TONE/PULSE select switch:

A. If your home is equipped with a tone dialing system, set the TONE/PULSE select switch to the TONE position.

B. If you have a rotary dialing system, set TONE/PULSE select switch to the PULSE position.

C. If you are not sure which system you have, set the TONE/PULSE select switch to the TONE position. Press the **TALK** button on the HANDSET to get a dial tone, and press any button on the keypad except the zero. If the dial tone continues, it means that you do not have tone dialing service. Press the TALK button on the HANDSET to hang up. Set the TONE/PULSE select switch to the PULSE mode and then try again.

10. Thread the RUBBER ANTENNA onto the HANDSET by turning clockwise until it is secure.

11. Before initial use, charge the HANDSET for 12 hours.

**You are now ready to use your new
BellSouth Cordless Telephone.**

Desk Mounting

One of the special features of your telephone is the unique design of the MOUNTING BRACKET which can hold your phone at an angle of 35 ° when desk mounting. There are three positions to choose from:

1. NORMAL POSITION (Mounting Bracket not required)

For Normal Position, place the BASE UNIT in any desired but suitable location. To charge the batteries, place the HANDSET in its charge cradle.

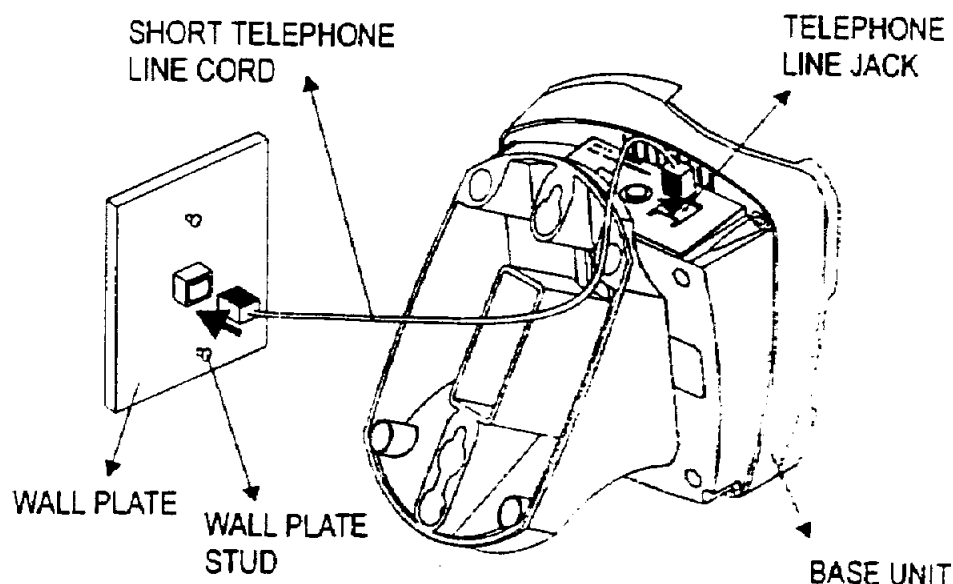
2. 35 ° POSITION (Mounting Bracket)

With the back of the BASE UNIT facing up, insert the hook of the MOUNTING BRACKET into the matching slots of the BASE UNIT.

Wall Mounting

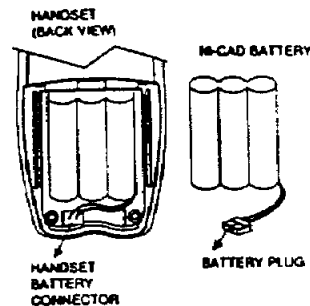
You may choose to mount the BASE UNIT of your cordless telephone on a wall.

1. With the back of the BASE UNIT facing up, connect the SHORT TELEPHONE LINE CORD to the telephone line jack.
2. Insert the SHORT TELEPHONE LINE CORD through the hole of the MOUNTING BRACKET.
3. Insert the hooks of the MOUNTING BRACKET (marked "WALL MOUNT") into the matching slots of the BASE UNIT (as shown below). Then slide the MOUNTING BRACKET into place as indicated by the arrow. Plug the free end of the SHORT TELEPHONE LINE CORD into the MODULAR JACK.
4. Align the upper keyhole on the MOUNTING BRACKET with the upper STUD of the wall plate, so that the opening end of the MOUNTING BRACKET matches the lower stud, then pull the BASE UNIT down until securely seated.



How to install the Ni-Cad Battery

1. Remove the battery compartment cover of the HANDSET by sliding it down.
2. Plug the battery pack into the battery connector.



3. Replace the battery compartment cover by sliding it up towards the HANDSET.
4. Before use, charge the battery pack for 12 hours.

NOTE: The Ni-Cad battery must full charged at least 12 hours before initial use.

Cordless Telephone Operation

Preparing for Use

Before you use your cordless telephone, you must charge the HANDSET for at least 12 hours. Failure to do so will require recharging of the battery pack more often.

1. Place the HANDSET on the BASE.
2. After 12 hours, remove the HANDSET from the BASE UNIT.
3. Raise the Antenna for the best reception.

Before you can use your cordless telephone, you must charge the HANDSET for 12 hours. Failure to do so will require more frequent charging of the battery pack.

NOTE:

If you are far away from the BASE UNIT, the HANDSET emits a beep sound (every 5 seconds) to warn you that the background noise level is too high for proper communication between HANDSET and the BASE UNIT. When you hear this sound, you should move closer to the BASE UNIT to reduce the noise level. Otherwise, the call will automatically cut off.

Receiving Calls

1. When the phone rings, lift the HANDSET.

The IN USE indicator on the BASE UNIT and the HANDSET will light up.

2. Start your conversation.
3. To end your conversation, either press the **TALK** button or place the HANDSET on the BASE UNIT.
When the HANDSET is placed on the BASE UNIT charge cradle, the automatic STANDBY feature is then activated.

Receiving Calls with the HANDSET of the BASE UNIT

1. When the phone rings, press the **TALK** button. The IN USE indicator will light up.
2. Start your conversation.
3. To end your conversation, either press the **TALK** button or place the HANDSET on the BASE UNIT. If the HANDSET is placed on the BASE UNIT charge cradle, the automatic STANDBY feature is then activated.

NOTE:

Once the HANDSET is fully charged, it is operable for approximately 4 hours of continuous talk use; approximately 7 day when the HANDSET is left off the BASE UNIT in STANDBY mode with the RINGER SWITCH in the "ON" position, depending on frequency of use.

IMPORTANT The AC ADAPTOR must always be plugged Into an electrical outlet.
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Placing Calls

1. Press the **TALK** button, the IN USE indicator will light up.
2. Listen for a dial tone.
3. Dial the phone number.
4. When finished with your call, press the **TALK** button again. The IN USE indicator will be turned off.

HANDSET Redial Feature

1. If you get a busy tone, press the **TALK** button to hang up.
2. Press the **TALK** button again.
3. Listen for a dial tone.
4. Press the RE/PA button. This will automatically redial the last telephone number you called.

Storing Telephone Numbers

1. Make sure the HANDSET is in standby mode (IN USE indicator off).
2. Press the **MEMO** button on the HANDSET. The IN USE LED will Begin flashing.
3. Enter the telephone number you want to store (maximum of 16 digits).
4. Press the **MEMO** button once again.
5. Enter a two-digit memory index number (01~20) where you want to store the phone Number. The IN USE LED will stop flashing and you will hear two confirmation beeps.
6. Repeat steps 1 to 5 to store additional telephone number.

EXAMPLE : To store the number 555-1212 under the index number 1 on the keypad :

- | | |
|---|---|
| 1 – Press the MEMO button. | 4 – Press 01 on the keypad. |
| 2 – Dial 555-1212 | 5 – You have stored 555-1212 under key 1 on the keypad. |
| 3 – Press the MEMO button again. | |

A total of 20 telephone numbers can be programmed in memory.

IMPORTANT :

- ➡ The maximum number of digits that can be stored for each phone number is 16 digits in PULSE or TONE mode. The limit is only 15 digits when using Mixed Mode dialing. An error tone will be heard if you exceed the maximum number of digits that may be stored in a memory location.
- ➡ Pauses can be programmed into a memory dialing sequence. Each pause occupies one digit. If you are using a switchboard system to access an outside line, press the **RE/PA** button on the HANDSET to store a pause.
- ➡ Always two-digits(01~20)when storing or recalling memory index numbers.

Recalling a Numbers for Memory

1. Press the **TALK** button on the HANDSET and listen for a dial tone.
2. Press the **MEMO** button on the HANDSET.
3. Enter the index number (01~20) on the KEYPAD for the number you have stored.
The stored number will be dialed automatically.

Changing Stored Phone Numbers

1. Follow the steps described in the section “Storing Telephone Numbers”
2. The new phone number will automatically replace the previous one.

Adjustable HANDSET Volume Control(▼ / ▲)

Your can adjust the HANDSET receiver volume by pressing the ▼ or ▲ button during “Talk” is “ON”.

NOTE : The HANDSET will chime when the maximum/minimum limit for adjusting the volume level is

reached. A total of 4 volume levels are available.

Adjusting HANDSET Ringer Volume

There are only 2 HANDSET ringer volume levels available.

1. Make sure that the IN USE light is off.
2. Press the ▲ to set the HANDSET ringer to higher level.
3. Press the ▼ to set the HANDSET ringer to lower level.

Out of Rang Detection

If you do use the HANDSET too far away from the BASE UNIT during a call, the HANDSET will alert you by beeping. Once you hear these warning beeps, move closer to the BASE UNIT.

Note: If you do not move within several seconds after the first Out-of-Range warning beeps sounds, the HANDSET and the BASE UNIT will return to the standby mode.

Low Battery Indication (LOW BATT LED)

If LOW BATT LED indicator on the HANDSET starts flashing or sounds short beeps continually while in use, return the HANDSET to the cradle on the BASE UNIT to charge the HANDSET. For a full charge, please follow the direction described in the section “CHARGING THE BATTERY (FULL CHARGE)”.

Intercom Function

The intercom feature allows wireless communications between the base and HANDSET users. The paging feature is also available as HANDSET locator.

1. From HANDSET to BASE station (Auto Intercom)
 - a. HANDSET: Press INT button to page the base station. The BASE unit automatically switches to Intercom mode. The INT LED will be turned on.
 - b. HANDSET/BASE UNIT : Begin intercom conversation.
 - c. HANDSET : Press INT button to turn off the intercom mode.
2. From BASE unit to HANDSET
 - a. BASE UNIT: Press PAGE/INT button to page the HANDSET. When paged by the base station, the HANDSET beeps and the INT/LOW BATT LED flashes.
 - b. HANDSET: Press INT button and begin intercom conversation.
 - c. To turn off the intercom, press INT button on the HANDSET.

16 million Combination Digital Security Coding

This phone uses a digital coding security system to prevent unauthorized use of your telephone line by other cordless phones nearby. This phone has 16 million possible security code combinations, which are randomly generated every eight times the **TALK** button is pressed or the HANDSET is picked up from the BASE UNIT.

Channel Operation

20 Independent Channel

Unlike other cordless phones reputed to have hundreds of channels (which is deceiving due to channel overlapping), this phone features true 20 independent channels. Overlapping channels may increase the number of channels, but interference also occurs in multiple channels because of channel overlapping. Your telephone has 20 independent channels that exclusively keep their own space, allowing the auto scan feature to find the clearest channel before it goes to TALK mode.

Smart Channel Hopping

During operation, your phone constantly monitors the transmission for interference. If interference is detected, this phone automatically scans and changes to the next clear channel. This channel hopping is instant and does not interrupt normal conversation.

Resetting Security Code and Channel Information

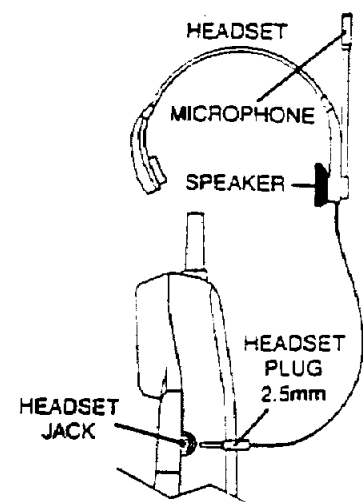
Communication between the HANDSET and BASE UNIT may be disrupted during the following situations:

- ➔ After a power failure.
- ➔ After relocating the BASE UNIT by disconnecting the AC adaptor.
- ➔ After replacing the HANDSET battery.
- ➔ The HANDSET goes out of range from the BASE UNIT.

Using the Headset Feature

Your telephone can utilize a headset (not included) to be connected to your HANDSET for you to enjoy a hands-free communication.

Insert the small plug on the end of the headset into the HEADSET JACK at the right side of the HANDSET. Follow the procedure discussed in "To Place a Call" and "To Receive a Call" when to place and receive a call.



Note: When you plug in the headset plug into the HEADSET JACK it auto-matically mutes the Microphone and speaker of the HANDSET. Unplug the headset to return the HANDSET to Normal use.

Headsets are available at most retail outlets that sell telephone equipment. The HEADSET JACK is compatible with 2.5mm headset plugs only.

Answering System Operation

- The BASE can store 10 minutes of message.(ICM, OGM and MEMO)
- Voice menu system.
- Time/day stamp.
- ICM and memo messages are automatically voice-stamped with the current time and day.
- TONE/PULSE SW : Emit confirm tone after change to other position.

1. SETTING ANSWER ON/OFF

1) To turn answer mode off.

- a. Press the answer on/off the BASE.
- b. The BASE will announce.
 - "Answering machine is off."
 - The digital display will show "--"

※ The answering machine will answer after the 10th ringing even though the answering mode is off.

-The unit announces "Please record your message after the beep" or your normal OGM in normal mode. A caller can record a message, then the unit automatically returns to the answering machine ON mode.

-If the unit announces "Sorry Memory full" (display "Fu") or announces Out-Going-Message in ANNC.ONLY mode (display "An"), a caller cannot record the In-Coming-Message, then the unit automatically returns to the answering machine ON mode.

c. Emit confirm tone.

2) To turn the answering mode on.

- a. Press the answer on until you hear.
 - "Answering machine is on."
- b. The digital display will show the total number of messages "00".

- c. Emit confirm tone.

2. SETTING THE ICM /REC SWITCH.

- 1) Normal mode : A caller to leave a message for up to two minutes.
- 2) Answering only mode.
 - a. Will not record ICMS.
 - b. The digital display will always display "Ao "
- 3) Up to 3 OGMS or total recording time of 10 minutes for all messages.
(OGM, ICM and MEMO)
- 4) Can be recorded on the BASE.

3. OUTGOING MESSAGES(OGMS)

-2 OGMS(normal, answer only)

Can be recorded up to 30sec each.

-NO OGMS : Default OGM(factory preset)

1) ANSWER ONLY (ANS. ONLY) OGM

The BASE make an out going announcement without recording messages.

2) Default OGM

- a. If you do not record your own OGM the unit will automatically answer incoming calls with the following message.

- b. "Please record your message after the beep."

*If a power fail and back up battery is not installed or dead .

All recorded OGMS will be erased and the unit will revert to the default OGM.

*The maximum OGM record time: 30sec(Minimum OGM record time: 2sec)

*Speak at a distance: "20 to 30"cm from the MIC.

4. RECORDING THE NORMAL OGM

- 1) Make sure the answer mode to "ON". (Toggles the mode ON and OFF)
- 2) Set ICM rec. SW : Normal mode.
- 3) Press and hold the OGM button.(about 2sec)
The unit will announce "Please record your announcement after the beep" after 2 seconds.
- 4) Continue to hold the OGM button and begin your outgoing announcement.
- 5) The digital display will the elapsed time of the recording.(30sec to 0sec)
- 6) Release the OGM button when you have finished recording.
(display recorded time)
- 7) Emit confirm tone and the unit will announce "End of recording."

(display recorded time)

- 8) OGM will **play back once automatically for your review after beep.**

(display "OP")

- 9) Display change from "OP" to **messages counter with confirm tone.**

***If the recording time is less than 2sec, Emit error tone ("bi bi bi")**

and the unit will announce, "Please try again." and emit beep tone.

5. RECORDING THE ANSWER ONLY(ANS. ONLY) OGM.

- 1) Make sure the **answer mode is on.**

- 2) Set ICM record SW : **ANNC. ONLY mode.**

- 3) Press **and hold** the OGM button.

The unit will announce **"Please record your announcement after the beep" after 2 seconds.**

- 4) Continue to **depress** the OGM button and begin your **outgoing announcement.**

- 5) **The digital display will show the elapsed time of the recording. (30sec to 0sec)**

- 6) **Release the OGM button when you have finished recording.**

(display recorded time)

- 7) **Emit confirm tone and the unit will announce "End of recording."**

(display recorded time)

- 8) OGM will **play back once automatically for your review after beep.**

(display "OP")

- 9) Display change from "OP" to **"Ao "**

- 10) **If no OGM is recorded and answer only is selected, the will answer**

all incoming calls with "Sorry Memory full" only then hang up.

6. CHANGING YOUR OGM

- 1) **Changing your OGM is accomplished by replacing the old OGM with a new OGM.**

- 2) **OGM can be recorded and changed from the HANDSET or by calling from any touch telephone. (please see "D. REMOTE OPERATION")**

7. CHECKING YOUR OGMS

- Normal OGM and ANSWER ONLY OGM.

- a. Set **the ICM rec. switch** in the desired position.

- b. Press the OGM button **briefly to hear your previously recorded OGM.(less than 2sec)**

- c. **Emit key tone and announce OGM message if you have not recorded**

- d. **Emit confirm tone after announce OGM message.**

- e. **Display for each ICM rec. mode.**

Normal : Display message counter.

Answer only : "Ao"

8. CALL SCREENING / AUTO DISCONNECT

The system allows you to listen to a caller's leaving messages. Once the system starts answering a call, either press the **REMOTE** button for listening only; system will record continuously or press the **TALK** button for conversation; system will stop recording.

1) From the handset. (Away from BASE unit)

- a. When the handset rings, press the remote button on the handset.
The BASE will immediately answer the call.
-Display "An".
- b. You will hear your OGM followed by the caller's message through the handset receiver.
- c. Emit confirm tone and announce, "For help press 9" or "please enter new command." after caller's message finished.
-Maximum recording time : 120sec.
If no records for 7sec, the co-line will be automatically cut off with "bi bi bi" tone.
- d. If you decide to talk the call, simply press the talk button and begin speaking.
-Display change from "An" to channel number.

2) From the handset (in the BASE unit cradle)

- a. When the BASE answer a call, you will hear your OGM followed by the caller message through the speaker.
-Display "An".
- b. If you decided to talk the call, simply pick up the HANDSET at least 9sec after ring and begin speaking.
- c. ICM recording is stopped, and the recorded message is stored in memory.
- d. The message count is incremented by one and display change to channel number.

3) From the extension phone.

- a. When the BASE answer a call, you will hear your OGM followed by the caller's message through the speaker.
- b. If you decided to talk the call, just hang up the HANDSET of the extension phone on the same line.
- c. ICM recording is stopped, and the recorded message is stored in memory and the message count is incremented by one.

9. LISTENING TO YOUR MESSAGES

-If message LED are flashing, it indicates that you have messages.

1) Playing messages.

- a. Press the play button to play.
- b. The BASE will announce.
If memory have new messages announce, you have (number) new messages.
- c. The digital display shows the total number of messages in memory momentarily then displays the number of message being played.
- d. The unit plays from the first message to the end consecutively.
- e. It will announce the message number.

2) Repeating messages.

- a. Tap the repeat button once during message playback.
- b. Emit key tone, and "Message 1" and announce message.

3) Skipping messages.

- a. Tap the skip button once during message playback to skip to the next message.
- b. Emit key tone, then skip "Message 1" announce and "Message 2." and announce message---

4) Stop message playback.

- a. Press the stop button to stop message playback.
- b. Emit key tone and "End of message."
- c. Display change to idle state.

5) Erasing a message.(selective erase)

- a. Tap the delete button during message playback.
- b. Emit key tone and "Message(number) erased."
- c. Emit key tone and "Message(number)." and announce message.

6) Erasing all messages.

- a. Press and hold the delete button until another beep is heard. (more than 2sec)
- b. The BASE will announce "Messages erased." and "You have no message."
- c. Emit confirm tone.

7) Record memo message.

- a. Press and hold the **MEMO** button and the unit will prompt "Please record your message after

the beep.

- b. Wait for a beep, speak towards the microphone and record your memo message.
- c. To stop recording, release the button or hang up the phone.
- d. The unit will announce "End of recording".

8) Memory full defection.

- a. If 10 minutes of recording time is reached.
 - b. If 3 programmable message (MEMO, OGM, ICM) have been recorded as indicated by the rapid flashing of message indicator.
- *"Sorry Memory full." will be announced at the beginning of message playback.
- *If there is an incoming call, the unit will answer after the 10th ring and announce "Sorry Memory full." followed by three short beeps.

10. TWO-WAY RECORDING

- Two-way recording allows you to record your conversation with another caller.
- Two-way recording can be enabled during talk mode while you are using the HANDSET.

- 1) Press and hold the memo button.
- 2) The digital display will show "2r" to indicate it is two recording mode.
- 3) Release the memo button to end your conversation recording.
- 4) Display "2r" and emit one beep.

*Recording two-way conversation may be subject to state and federal laws and regulations.

11. Setting Ring Select

To choose the number of times the phone rings before the system answers, set the Ring Select Switch to 3R, 5R or TS (Toll Saver)

Set to 3R - System answers call on the third ring.

Set to 5R - System answers call on the fifth ring.

Set to TS - Use "Toll Saver"(TS) when you will be calling long distance or from a pay phone to check for messages. The system answers on the third rings only if you have messages waiting. If there are no messages, the phone will answer on the fifth ring. You can then hang up on the fourth ring to avoid paying for the call.

12. DIGITAL DISPLAY CODES.

- The digital display shows certain code while performing a specific function.

CODE	FUNCTION
1) 0 ~ 63	message / timer count.
2) --	answer off.
3) Ir	memo recording.
4) 2r	two-way recording.
5) An	answer calls.
6) In	intercom.
7) rc	remote control.
8) Fu	memory full.
9) Ao	answer only.
10) op	OGM playing.

13. VOX(Voice Activation) DETECT

- During recording (both ICM & OGM), the BASE uses VOX (voice activation) to conserve message storage space.
- The conditions for terminating recording
 - 1) Continuous silence for seven seconds from the beginning.

REMOTE OPERATION

- Allows you to access most of the BASE'S functions away from the BASE using only the HANDSET or any touch tone phone when you call the BASE.
 - 1) You can play repeat, skip, delete and stop messages.
 - 2) Record a memo or an OGM, set the answer mode on or off.
 - 3) Set the password, set the time and day, activate room monitor function and the voice menu.

1. USING THE REMOTE OPERATION FUNCTION.

- There are two ways of using remote operation.
 - a. HANDSET.
 - b. Calling the BASE from a touch tone phone.
- 1) Using the HANDSET.
 - a. Press the remote button to activate the function.
 - b. The INUSE LED will blink on the HANDSET and the BASE UNIT.
 - c. The digital display on the BASE will show "rc" to indicate that remote operation is activated.

2) Calling the BASE from a touch phone.

- a. Call the BASE from a touch tone phone.
- b. While the OGM is playing, enter "*" and your two-digit password.
(* + 2 digit password)
- c. Then the remote operation function is activated.

※ PLEASE SEE "2. REMOTE COMMANDS" FOR ADDITIONAL FUNCTIONS.

2. REMOTE COMMANDS.

1) Stop function.

-Press "*" to abort the current function.

2) Play messages.

-Press "8" key. Then the BASE announces "You have (number) messages ". The unit then begins playing the first message to the end.

3) Playback options.(during playback)

- a. Review previous message. (key 7)

Each press of this button skips backward one message.

- b. Repeat messages(key 8)

To restart same message from the beginning, press key 8 during playback.

- c. Skip a message.(key 9)

To skip forward to the next message, press key 9 during message playback.

- e. Stop message playback.(key "*")

To terminate message playback, press "*" while the message is playing.

NOTE : The unit will announce "End of message" after all messages are played or if you press "Stop" during the message are playing.

4) Record memo.

- a. Press key 6 and the unit will prompt "Please record your message after the beep, to stop recording press "*".
- b. Wait for a beep, speaker towards the microphone and record your memo message.
- c. To stop recording, press "*" or hang up the phone.
- d. Once "*" is pressed, the unit will then announce, "End of recording please enter next command."

5) OGM recording

- a. Press key 5 and the unit will prompt "Please record your announcement after the beep.

- To stop recording, press "*"."
- b. Record your announcement.
- c. To stop recording, press the "*" key.
- d. Once "*" is pressed, the unit will announce, "End of recording."
- The unit will playback the announcement.
- e. After playback, the unit will then prompt "Please enter new command."

6) Setting answer mode on.

- a. Press the # within 10 seconds after the voice prompt.
"For help, press NO 9 or please enter next command."
- b. The unit will announce "Answering machine is on."
-Emit one beep tone.-
- c. The unit prompt "Please enter next command." "Beep."

7) Setting answer mode off.

- a. Press NO 0 key with in 10 seconds after the voice prompt
"For help press NO 9."
- b. The unit will announce, "Answering machine is off."
-Emit one beep tone.-
- d. The unit will then prompt you. "Please enter next command."

8) Changing the password.

- a. Press the NO 1 key within 10 seconds after the voice prompt. "For help, press NO 9."
The unit will prompt "Your password is(current code), please enter new password."
- b. Enter your new 2-digit password and the unit will announce "Your password is (new code)."
-If you do not enter 2-digit password within 10 seconds, "Your password is (current code)." and announce, "Please enter next command."
- c. The unit returns to standby mode if an invalid entry is found or no digit is entered in seven seconds.
-If you do not enter next command within 10 seconds, emit short and announce, "End of remote." after short beep.
-If you want to operate other functions or keep the current password press stop(*) key.

9) Setting the day and time.

- a. Press the NO 2 key within 10 seconds after the voice prompt "For help, Press NO 9 or please enter next command."

The unit will announce the current day and time.(Monday 12 AM)

The unit will prompt, "Enter new day."

b. Enter the new day.

(Monday=NO 1, Tuesday=NO 2, Wednesday=NO 3, Thursday=NO 4, etc.)

The unit will then prompt "Enter new time."

c. Enter the new hour.(01~12)

The unit will sound a double beep tone.

d. Enter the new minute.(00~59)

The unit will sound a double beep tone.

e. Press "*" for AM, or press "#" for PM.

f. The unit will announce the new day and time and emit one beep.

10) Voice help menu.

-Press NO9 for voice help menu.

All remote commands can be entered during playback of the menu.

The following table shows the voice help menu.

KEY	FUNCTION
NO 1	Change password
NO 2	Change time and day
NO 3	Room monitoring
NO 4	Erase a message
NO 5	Record announcement
NO 6	Record memo
NO 7	Play back announcement (OGM)
NO 8	Play back messages
NO 9	Voice help menu
*	Stop function
#	Set answer mode on

During playback :

You can press the following keys.

NO 7	previous messages
NO 8	Repeat a message
NO 9	Skip forward to messages
NO 0	Answer mode off
*	Stop function

11) Voice help menu.

- a. To change password press 1.
- b. To change time press 2.
- c. To listen to the room press 3.
- d. To erase message press 4.
- e. To record announcement press 5.
- f. To record memo press 6.
- g. To playback announcement press 7.
- h. To playback message press 8.
- i. For help press 9.
- j. While message playback.
- k. To listen to previous message press 7.
- l. To repeat message press 8.
- m. To skip message press 9.
- n. To stop press *(star).
- o. To turn answering machine is off press 0.
- p. To turn answering machine is on press # (pounds).

12) Room monitoring

- a. Press NO 3 within seven seconds after the voice prompt. "For help, press 9."
- b. This allows you to listen to the sounds in the room where the BASE is located.
- c. Announce "Please enter next command." "Beep" when 20 seconds has elapsed.
- d. If you wish to resume monitoring, simply press key 3 again within ten seconds after the voice prompt "Please enter next command."

Trouble shooting

Problem Solving Section

For your assistance, we have listed below a few common problems.

Phone does not work, check the following:

1. BASE UNIT is plugged into power source.
2. HANDSET is charged.
3. TONE/PULSE SWITCH is in the right position.
4. LINE CORD is plugged in the jack.

Range of phone limited, check the following:

1. ANTENNA on the BASE UNIT is raised.
2. BASE UNIT is centrally located in your residence.
3. BASE UNIT is not located near appliances.

No dial tone, check the following:

1. Telephone plug is connected to the telephone line.
2. If you had a power failure or had unplugged the BASE UNIT, replace the HANDSET on the BASE UNIT for 2 to 5 seconds to reset the system.

Received signal flutters or fades, check the following:

1. Battery pack in the HANDSET is fully charged.
2. HANDSET is not too far from the BASE UNIT.
3. ANTENNA on the BASE UNIT is raised.

Interference on reception, check the following:

1. Noise may be picked up from electrical products or electrical storms. Generally, this noise is a minor annoyance and should not be interpreted as a defect in your system.
2. Choose an alternate channel using the SCAN button on the HANDSET.

Excess static, check the following:

1. Check to see that the ANTENNA is not touching another metal object. Raise the ANTENNA.

If after pressing the TALK button, you receive three beeps and no dial tone, check the following:

1. Reset the HANDSET by placing it on the BASE UNIT for 2 to 5 seconds.

Answering System does not work, check the following:

1. BASE UNIT is plugged into power source.
2. Press and hold the MEMO button on the BASE UNIT and plug the adaptor into the AC wall outlet.
“00” is displayed on the digital display.
3. Press the STOP button on the BASE UNIT. The unit announces “Answering machine is ON. Please change the time and record your announcement”. Then answering system is initialized.

Answering System does not answer calls, check the following:

1. Answer ON/OFF indicator is lit.

Answers calls only after 10 rings, check the following:

1. Answer ON/OFF indicator is lit.
2. Message memory is not full.

Does not respond to remote commands, ensure the following:

1. Correct Remote Access Code is entered.
2. The unit is set on “Tone” mode.

Messages are incomplete, ensure the following:

1. MESSAGE memory is not full.
2. Caller may be hesitating and pausing for more than 7 seconds.

Answers calls but does not record messages, check the following:

1. ANNC/ICM switch is set to ICM.
2. Memory is not full.
3. Extension telephone was not picked up.

NOTE : If no telephones in the house are working, disconnect one set at a time to verify that none of the telephones are causing the problem. If you still have a problem after doing this and your telephone still does not work, please contact your local phone company.

Federal Communications Commission Requirements

This equipment complies with Part 68 of FCC Rules. A label on the BASE UNIT of this equipment contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The REN is also useful in determining the quantity of devices that you may connect to your telephone line and still allow these devices to ring when your telephone number is called. In most areas, but not all, the sum of the RENs for all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, you should contact your local telephone company.

If your equipment should cause harm to the telephone network, the telephone company may temporarily disconnect your service. If possible, they will notify you in advance that temporary discontinuance of service may be required. However, when advance written notice is not possible, the telephone company may temporarily discontinue service without notice if such action is necessary under the circumstances. The telephone company may make changes in its communication facilities, equipment, operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations of the Federal Communications Commission. Do not attempt to repair or modify this equipment.

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

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed on or near a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

This equipment should not be used on coin telephone lines. Connection to party line service is subject to state tariffs. If trouble is experienced, disconnect this equipment from the telephone line to determine if it is causing the malfunction. If the equipment is determined to be malfunctioning, its use should be discontinued until the problem has been corrected.

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to 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 to correct the interference by one or more of the following measures.

1. Re-orient or relocate the receiving antenna.
2. Increase the distance between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio / TV technician for help.

Warranty Information

BellSouth Products

One-Year Limited Warranty

This limited warranty sets forth all BellSouth products responsibilities regarding your product. There are no other expressed or implied warranties for BellSouth Products.

Warranty Service Provided

If you purchased the telephone new from a retail vendor, BellSouth Products warrants the telephone against defects in material and workmanship for a period of one (1) year from the original date of purchase. This warranty is in lieu of all other expressed warranties. This warranty begins when you purchase the telephone and continues for one (1) year unless you sell or rent the telephone, in which case the warranty stops.

BellSouth Products disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose, as of the date of one year from your original purchase of the telephone.

BellSouth Products assumes no responsibility for any special, incidental, or consequential damages.

This warranty gives you specific legal rights and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitations of special, incidental or consequential damages, or limitations on how long a warranty lasts, so the above exclusion and limitation may not apply to you.

Warranty Service Not Provided

This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification, the affixing of any attachment not provided by BellSouth Products with the telephone and/or loss of parts. This warranty is voided in the event any unauthorized person opens, alters or repairs the telephone. All BellSouth equipment being returned for repair must be suitable packaged. Telephone companies use different types of equipment and offer various types of services to customers. BellSouth Products does not warrant that this telephone is compatible with the type of equipment of any particular telephone company or the services provided by it.

What To Do for Warranty Service

During the first thirty (30) days, a defective product is eligible for over-the-counter exchange at the retailer from whom it was purchased. After thirty (30) days, the defective product should be returned to the authorized service center. Please allow a minimum of 3 weeks for the return of your product unless other instructions are provided by U.S.Electronics. the shipping address of the authorized service center is:

U.S.Electronics Service Center
105 Madison Avenue
New York, NY 10016

NOTE: A product received which was not made for BellSouth Products or which is not defective as determined by our test procedures will not be repaired and will be returned C.O.D., freight.

To Obtain Warranty Service

- . Provide proof of the date of purchase within the package.
- . Prepay all shipping costs to the authorized service center.
- . Include a return shipping address within the package.

Please retain your sales receipt, the carton, the packing materials, and the printed material. The original carton is the best shipping container for the telephone should you have to return it.

For you reference:

Serial Number _____

Date of Purchase _____

Name of Dealer _____

Customer Service Telephone Number :

1-800-338-1694

OUTSIDE THE U.S.A CALL 1-212-242-6978