A. LANGUAGE

This telephone offers English, Spanish and French languages for your convenience.

1. Press and hold down the (func) button.

2. Press the TELEPHONE KEYPAD #1 button.

3. Press the (edit) button.

4. Press the SCROLL UP (▲) or DOWN (▼) button to select the language you desire. English is the preset language.

5. Press and hold down the (save) button.

6. Press and hold down the (func) button to go back to STANDBY mode.

B. SILENT ON/OFF

This telephone will generate the first ring sound on the **HANDSET** even in the BLOCKED CALL mode to indicate that you have an incoming call. To keep silent in BLOCKED CALL mode, you can turn off the first ring sound.

1. Press and hold down the (func) button.

2. Press the TELEPHONE KEYPAD #2 button.

3. Press the (edit) button.

4. Press the SCROLL UP (▲) or DOWN (▼) button. SILENT OFF is the preset mode.

5. Press and hold down the (save) button.

6. Press and hold down the (func) button to go back to STANDBY mode.

NOTE: The **BASE UNIT** will still ring if the BASE UNIT ringer is set to ON. Switch the **BASE UNIT** ringer to OFF to fully utilize this function.

C. TIME SET

Set the date and time.

1. Press and hold down the (func) button.

2. Press the TELEPHONE KEYPAD #3 button.

3. Press the (edit) button.

4. Use the TELEPHONE KEYPAD button to enter the month, date, hour and minute. The cursor moves automatically after entering each item. Press the TELEPHONE KEYPAD #1 for AM setting, or press the TELEPHONE KEYPAD #2 for PM setting.

5. Press and hold down the (func) button to go back to STANDBY mode.

NOTE: The date and time will automatically set, if you have subscribed to the Caller ID service from your local telephone company.

D. RINGER VOLUME

This unit enables you to adjust the ringer volume from HI, LOW and OFF as desired.

1. Press and hold down the (func) button.
2. Press the TELEPHONE KEYPAD #4 button.
3. Press the (edit) button.
4. Press the SCROLL UP (▲) or DOWN (▼) button to adjust the ringer volume suitable for your convenience. (HI is the preset ringer volume.)
5. Press and hold down the (save) button.
6. Press and hold down the (func) button to go back to STANDBY mode.

E. LCD CONTRAST

This unit enables you to select 8 brightness levels for the Large LCD display.

1. Press and hold down the (func) button.
2. Press the TELEPHONE KEYPAD #5 button.
3. Press the (edit) button.
4. Press the SCROLL UP (▲) or DOWN (▼) button to adjust the brightness of the display. Level 4 is the preset brightness.
5. Press and hold down the (save) button.
6. Press and hold down the (func) button to go back to STANDBY mode.

F. PBX NUMBER

This unit enables you to preset the PBX number (such as an 8 or 9) while you are using a switchboard system.

1. Press and hold down the (func) button.
2. Press the TELEPHONE KEYPAD #6 button.
3. Press the (edit) button.
4. Press the SCROLL UP (▲) or DOWN (▼) button. (9 is the preset PBX number.)
5. Press and hold down the (save) button.
6. Press and hold down the (func) button to go back to STANDBY mode.

G. PBX MODE

This unit enables you to turn ON/OFF the PBX system depending on the telephone system you are using.

1. Press and hold down the **func** button.
2. Press the TELEPHONE KEYPAD #7 button.
3. Press the **edit** button.
4. Press the SCROLL UP **▲** or DOWN **▼** button.
   PBX MODE OFF - Set for direct line access. The preset PBX mode is OFF.
   PBX MODE ON - When connected to a switchboard system.
5. Press and hold down the **save** button.
6. Press and hold down the **func** button to go back to STANDBY mode.

NOTE: When placing a call in PBX mode ON, this telephone will automatically add the PBX number and a pause time before the dialed telephone numbers.

H. PAUSE TIME

This unit enables you to adjust the pause time when placing a call using a switchboard system or dialing long distance calls.

1. Press and hold down the **func** button.
2. Press the TELEPHONE KEYPAD #8 button.
3. Press the **edit** button.
4. Press the SCROLL UP **▲** or DOWN **▼** button to adjust the pausing time. The preset pause time is 4 seconds.
5. Press and hold down the **save** button.
6. Press and hold down the **func** button to go back to STANDBY mode.

I. MSG Waiting (Message Waiting)

To turn off the Message Waiting LCD indicator.

1. Press and hold down the **func** button.
2. Press the TELEPHONE KEYPAD #9 button.
3. Press the **edit** button.
4. Press the SCROLL UP **▲** or DOWN **▼** button.
5. Press and hold down the **save** button.
6. Press and hold down the **func** button to go back to STANDBY mode.

IMPORTANT: Message Waiting LCD indicator will automatically turn on, if you have subscribed to Voice Mail message service and if you have Visual Message Indication from your local telephone company.

TELEPHONE KEYPAD Characters

The telephone Keypad buttons (1~9) are used to enter the characters when entering names. Press the appropriate KEYPAD button to get the following characters.

KEYPAD BUTTONS	CHARACTERS
1	SPACE & ' ( ) * . 1
2	ABC2
3	DEF3
4	GHI4
5	JKL5
6	MNO6
7	PQRS7
8	TUV8
9	WXYZ9
*	*
0	0
#	#

For example, if you want to enter the character "C", press the "2" KEYPAD button, the first character displayed will be "A". Press the "2" button again to display "B", and press it again to display the letter "C".

To enter the next character, press the appropriate button. If, however, the next character is on the same button as the previous character, you will first need to press the SHIFT RIGHT (►) button. Pressing the SHIFT RIGHT (►) button a second time will produce a space. If you want to change any character, you can go back to the incorrect character by pressing the SHIFT LEFT (◄) button. To delete the character inside the cursor " ", press the (del) button.

Setting the Day/Time Stamp

Press and hold down the (set) button until you hear the announcement "*Please enter the day and time.*" Afterwhich, enter the current day and time.

1. **Day Setting**
   Press and hold down the (day) button. The corresponding day will be displayed and announced. Release the button when the desired day is mentioned.

2. **Hour Setting**
   Press and hold down the (hour) button. The corresponding hour will be displayed and announced. Release the button when the desired hour is mentioned.

4. **Minute Setting**
   Press and hold down the (minute) button. The corresponding minute will be displayed and announced. Release the button when the desired minute is mentioned.

Press the (set) button to confirm the selected day and time. The system will announce the set day and time.

Recording Your Outgoing Messages

Your Answering System provides one PRIMARY MAILBOX and four individual MAILBOXES (1, 2, 3, 4) which can receive their own Incoming Messages (ICM). Before using your Answering System, it is suggested that you record an Outgoing Message (OGM). This is the announcement callers will hear when the system answers a call.

A prerecorded system announcement "*Please record your message after the beep*" is available if you choose not to record your own OGM.

A. Recording your OGM in the PRIMARY MAILBOX
1. Press and hold down the (ogm) button to record your message.
2. Begin speaking immediately after you hear, *"Please record your announcement after the beep."* Continue to depress the (ogm) button. One second after completing your OGM, release the (ogm) button and the Answering System will announce, *"End of Recording."* Your recorded message will be played thereon.

> NOTE: Your OGM must be at least 3 seconds and no more than 30 seconds in length.

If you wish to change your OGM, repeat steps 1 through 2.

> NOTE: To obtain a better sound quality for locally recorded (OGMs and Memos) messages, speak directly into the MICROPHONE from a distance of 9 to 12 inches.

SPEAK FROM A DISTANCE OF 9 TO 12 INCHES

MICROPHONE —

It is recommended that you record an OGM on your PRIMARY MAILBOX instructing a caller to leave an ICM in one of the four mailboxes. If the caller is using a Touchtone telephone, this will enable the caller to record an ICM directly into one of the four mailboxes by dialing "11" for MAILBOX 1, "22" for MAILBOX 2, "33" for MAILBOX 3, "44" for MAILBOX 4.

Example of a Primary OGM: *"Hello, please leave a message after the tone, or if you are using a Touchtone telephone, please Dial 11 for Beth, Dial 22 for Jenny, Dial 33 for Jonathan, Dial 44 for Esson."*

> NOTE: To check your OGM, press the (ogm) button. If you did not record an OGM, your Answering System will announce, *"You have no announcement."*

B. Recording your OGM for Individual MAILBOX 1, 2, 3 or 4
1. Press a mailbox button, the corresponding MAILBOX LED indicator will blink.
2. Press and hold down the (ogm) button to record your message.
3. Begin speaking immediately after you hear, *"Please record your announcement after the beep."* Continue to depress the (ogm) button. One second after completing your OGM, release the (ogm) button and the Answering System will announce, *"End of Recording."* . Your recorded message will be played thereon.

> NOTE: Your OGM must be at least 3 seconds and no more than 30 seconds in length.

If you wish to change your OGM, repeat steps 1 through 3.

NOTE: To check your OGM in a mailbox, press a mailbox button and then press the (ogm) button. If you do not have an OGM in a mailbox, it will announce *"You have no announcement, MAILBOX #."* Once a mailbox is activated, its corresponding MAILBOX LED indicator blinks slowly to show that the mailbox is active. If you do not press a button to activate another function within 10 seconds, the Answering System will return to the PRIMARY MAILBOX. You may return to the PRIMARY MAILBOX at anytime by pressing the (stop) button.

Turning the Answering System ON/OFF

1. Press the (ans on/off) button to turn ON the Answering System. You will hear the following message, *"Answering machine is ON."*
2. Press the (ans on/off) button again to turn OFF the Answering System. You will now hear the following, *"Answering machine is OFF."*

NOTE: Once turned OFF, the answer function will answer only on the tenth ring, allowing you to turn the Answering System ON from a remote location.

Setting to Answer Calls

The ANSWER ON/OFF LED indicator must be ON for the Answering System to answer calls. Depending on the setting of the ANNC/ICM switch, the Answering System will either hang up after your announcement (ANNC) or begin to record your caller's messages (ICM). After the caller leaves an ICM, the time and day will be stamped at the end of each recorded ICM. The ICM is stored in the MEMORY and the LED Message Display shows the total number of ICMs currently stored.

NOTE: ICMs are limited to a maximum of 3 minutes. If the ICM is more than 3 minutes, the system "beeps" twice and hangs up; or if the Answering System's MEMORY runs out, the Answering System announces, *"Memory full"* and hangs up.

Setting to Announce Only

During ANNC (Announce) mode, your system answers incoming calls with your recorded ANNC but will not record any ICMs.
1. Set the ANNC/ICM select switch to ANNC, the LED message display shows *"Ao."*
2. Press and hold down the (ogm) button to record your ANNC.
3. Begin speaking after you hear, *"Please record your ANNC after the beep."* Do not release the (ogm) button until you have completed your ANNC.
4. One second after completing your ANNC, release the (ogm) button and you will hear, *"End of recording."* Your recorded ANNC will be played thereon.

NOTE: Your OGM must be at least 3 seconds and no more than 30 seconds in length. If you have not recorded an ANNC, even if the switch is set to ANNC mode, the Answering System will automatically operate in ICM mode and will record all ICMs.

35

Screening Incoming Calls

The Answering System allows you to listen to a caller leaving an ICM. Once the Answering System starts answering a call, either press the **(rmt)** button for listening only and the Answering System will continue to record; or press the **(talk)** button and the Answering System will stop recording and you may converse with your caller.

Message Alert

When the message alert switch is "ON," the unit will generate a "beep" sound every 15 seconds after a new message has been recorded. If you do not want to hear the "beep," set the switch to "OFF."

Setting Ring Select

To choose the number of times the phone rings before the Answering System responds, 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 checking your system for message from a remote location using long distance services or from a pay phone. The Answering System responds on the third ring only if you have new message waiting. If there are no new message, the phone will answer on the fifth ring. You can then hang up on the fourth ring to avoid paying for the call.

Recording a Memo

A. To record a Memo in the PRIMARY MAILBOX
1. Press and hold down the **(memo)** button to record your Memo.
2. Begin speaking immediately after you hear, *"Please record your message after the beep."* Continue to depress the **(memo)** button. One second after completing your Memo, release the **(memo)** button and you will hear, "End of recording." Your recorded Memo will be played thereon. Day and time are automatically stamped at the end of the message.

NOTE: The Answering System advances the message count automatically after the actual message is recorded.

B. To record a Memo in an individual MAILBOX (1, 2, 3, 4)
1. Press a mailbox button, the corresponding MAILBOX LED indicator will blink.
2. Press and hold down the **(memo)** button to record your Memo.

3. Begin speaking immediately after you hear, *"Please record your message after the beep."* Continue to depress the (memo) button. One second after completing your Memo, release the (memo) button and you will hear, *"End of Recording."* Your recorded Memo will be played thereon. Day and time are automatically stamped at the end of the message.

   NOTE: The Answering System advances the message count automatically after the actual message is recorded.

NOTE: To obtain a better sound quality for locally recorded (OGMs and Memos) messages, speak directly into the MICROPHONE from a distance of 9 to 12 inches.

SPEAK FROM A DISTANCE
OF 9 TO 12 INCHES

MICROPHONE —
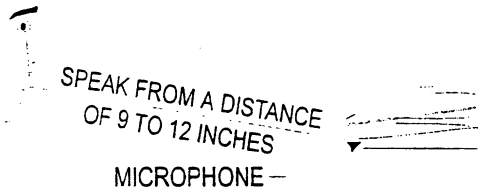
Playing of Messages/Memos

A. **To play messages/memos in the PRIMARY MAILBOX.**
   1. Press the (play) button, the system will play all NEW messages/memos.
   2. After playing all NEW messages/memos, press the (play) button again, the system will play all of its messages.

B. **To play messages/memos in an individual MAILBOX (1, 2, 3, 4).**
   1. Press a mailbox button, the corresponding MAILBOX LED indicator starts to blink.
   2. Press the (play) button. The system will play all NEW messages/memos.
   3. After playing all NEW messages/memos, press the (play) button again, the system will play all of its messages/memos.

   NOTE: When MAILBOX LED indicators are lit, messages are present.

C. **To interrupt a message.**
   1. Press the (stop) button once while playing a message, *"PA"* will be displayed.
   2. Press the (play) button to continue playing the message where you stopped.
   3. Press the (stop) button twice to end the playing of message.

D. **To repeat a message/memo.**
   1. Press the (repeat) button while playing a message. The system repeats the current message in its entirety.

E. **To skip message/memo.**
   1. Press the (skip) button once. The Answering System stops playing, moves to the next message/memo and resumes playback. The system advances one message/memo each time you press the (skip) button.
F. **To play a previous message/memo.**
   1. Press the (repeat) button twice quickly.

Saving Messages

The Answering System saves your messages automatically. After playing all of your messages, the Answering System announces, "*End of messages*" and the total number of messages stored in the memory will be indicated by the LED Message Display.

NOTE: The Answering System has a total Memory capacity of 12 minutes or up to 63 messages (OGM/ICM/MEMO). If the recorded messages contain high background noise, the total recording capacity of the unit will be less than 12 minutes.

Erasing Messages

A. **To erase all of the messages in the PRIMARY MAILBOX**
   1. Press and hold down the (erase) button until you hear the ANNC "*Messages erased.*" If you have a new message in the PRIMARY MAILBOX, you will hear, "*You have # new messages.*"
B. **To erase all of the messages in an individual MAILBOX (1, 2, 3, 4)**
   1. If you want to erase all of the messages in a mailbox, activate the desired mailbox.
   2. Press and hold down the (erase) button until you hear the ANNC, "*Messages erased, Mailbox #. You have no messages.*" If you have a new message in the MAILBOX #, you will hear, "*You have # new messages.*"
C. **To erase selected messages/memos**
   1. While the unwanted message is playing, press the (erase) button. The Answering System announces erasure of the selected message/memo, and the LED Message Display shows the symbol of "*ER.*" After the erasure is complete, the numeric order of the remaining messages will be rearranged.

When the Memory is Full

When there is no memory available for additional messages, the Answering System will announce, "*Memory full,*" but will not save messages. While the Memory is full you can access your messages on the Answering System via remote control.

NOTE: You must enter your Remote Access Code within 10 seconds of activating the remote control function to maintain your connection with the Answering System. (Refer to Remote Control Operation on page 38.)

Remote Control Operation

The Answering System can be operated through the **HANDSET** or away from your home through a Touchtone telephone.

Remote Operation through the HANDSET

You can operate your Answering System via remote control using the **HANDSET**.

1. Press the 🔲 button at the STANDBY mode, to activate the remote control function.
2. Press the corresponding number of the function you wish to activate.

   A. Press "2" to play messages.

   B. While playing messages, press "1" to repeat or "3" to skip.

   C. Press "4" to stop playing messages and go to the PRIMARY MAILBOX.

   D. Press "5" to play your OGM.
   Press "7" to record your OGM.

   E. Press "6" to record memo messages.
   Press "4" to stop recording or after your memo is completed.

   F. Press "9" to erase messages being played.

   G. Press "8" to activate or deactivate the answering function.

   H. Press "*" to activate the remote operation of MAILBOX 1.

   I. Press "0" to activate the remote operation of MAILBOX 2.

   J. Press "#" to activate the remote operation of MAILBOX 3.

   K. Press "**tone**" to activate the remote operation of MAILBOX 4.

NOTE: After the remote control function is activated, Instruction Code must be entered within 10 seconds. If not, the **HANDSET** will terminate the remote control operation.

3. Press the 🔲 button to deactivate the remote control function or place the **HANDSET** on the **BASE UNIT**.

Using the Remote Instruction Code

1. Dial your telephone number.

2. Listen to or bypass the OGM in the PRIMARY MAILBOX.

3. Enter your Remote Access Code. If the announcement does not stop, enter the Remote Access Code again.

4. The Answering System will request that you enter the Instruction Code or press "0" for help.

   A. If you do not know the Instruction Code, press "0" immediately. The Answering System will announce the Instruction Codes. Otherwise, if a command is not received by the Answering System within 10 seconds, it will signal 3 "beeps" and hang up.

   The following is the Remote Instruction Code Help Menu:
   Instruction Codes
   To playback Announcement Press "5."

   To Record Memo Press "6." (Press "1" for MAILBOX 1, Press "2" for MAILBOX 2, Press "3" for MAILBOX 3, and Press "4" for MAILBOX 4. Otherwise, if you do not press the desired MAILBOX # location within 2~3 seconds, the memo will be automatically recorded in the PRIMARY MAILBOX.)

   To Record Announcement Press "7."

   To Turn Answering Machine On or Off Press "8."

   To Change Mailbox Press "*."

   To Playback Message Press "2."

   While message playback
   To Repeat Message Press "1."

   To Skip Message Press "3."

   To Stop Press "4."

   To Erase Message Press "9."

   B. Press the corresponding number of the Instruction Code you wish to activate. You don't have to listen to the entire Instruction Code Help Menu before giving a command. You may enter the desired Instruction Code Number at any given time.

Remote Operation through a Tone Telephone

You can use many Answering System features when you are away from home. To protect your privacy, most of the features can be used only after you enter the three-digit Remote Access Code.

Remote Access Codes

The Remote Access Codes are preset at the factory as shown below. You can use the preset codes or choose your own.

```
PRIMARY MAILBOX:   999
MAILBOX 1:         555
MAILBOX 2:         666
MAILBOX 3:         777
MAILBOX 4:         888
```

NOTE: If the (reset) button is pressed, the Remote access Codes return to the factory preset codes.

Changing of the Remote Access Codes

All of the digits of the Remote Access Codes are a combination of numbers 5, 6, 7, 8, 9, 0.

IMPORTANT: Digits 1, 2, 3, and 4 cannot be used when changing the Remote Access Codes for any mailbox (including the PRIMARY MAILBOX).

1. Press a mailbox button for MAILBOX 1, 2, 3, or 4. For the PRIMARY MAILBOX, follow steps 2 to 6.

2. Press and hold down the (code) button until you hear the ANNC, "*Please enter new password.*"

3. Press and hold down the (day) button. Release the button when you hear the desired first digit of the code.

4. Press and hold down the (hour) button. Release the button when you hear the desired second digit of the code.

5. Press and hold down the (minute) button. Release the button when you hear the desired third digit of the code.

6. Press the (code) button, the 3-digits you have selected will be announced.

7. If your new Remote Access Code is the same as that of another mailbox, you will hear, "*Please try again.*"

Security

Your cordless telephone uses a digital coding security system to prevent unauthorized use of your telephone line by another nearby cordless telephone. The system has its own identifying signal created by microcomputers in both the **BASE UNIT** and **HANDSET**.

Security Code

This telephone has an internal security code with 65,536 possible combinations.

Resetting Security Code and Channel Information

Communication between **HANDSET** and **BASE UNIT** may not be possible in any of the following situations:
1. After a power failure.
2. After relocating the **BASE UNIT** by disconnecting the AC ADAPTOR.
3. After replacing the **HANDSET** BATTERY PACK.

To reset, place the **HANDSET** on the **BASE UNIT** for more than 2 seconds.

Multi-Channel Access

Your cordless telephone lets you select a channel from the 40 frequencies available to transmit signals between the **BASE UNIT** and **HANDSET**. When you notice interference from other cordless telephones, change to another channel by pressing the (scan) button on the **HANDSET**.

IMPORTANT

When you hear interference, press the (scan) button to change the operating channel.

42

Battery Type

Use the following type and size of BATTERY PACK:

    Cordless Telephone BATTERY PACK
    3.6V, 600mAh
    U.S. Electronics Inc.
    Ni-Cd BATTERY PACK: model B650   Ni-Cd

    This BATTERY PACK is available through:
    U.S. Electronics Service Center
    105 Madison Avenue
    New York, NY 10016
    1-800-828-5208

Recharging the BATTERY PACK

The nickel cadmium (Ni-Cd) BATTERY PACK in the **HANDSET** can be recharged many times using the built-in charger in the **BASE UNIT**.

When the BATT LOW symbol appears on the LCD screen, a "beep" sound will be heard every 10 seconds. This indicates that the BATTERY PACK needs to be recharged.

Charge the BATTERY PACK at least once every 90 days of non-use to avoid battery failure. When the BATTERY PACK can no longer be charged, replacement of the BATTERY PACK will be necessary.

The BATTERY PACK used in your telephone may develop a condition known as "MEMORY". Once subjected to a regular short discharging routine, the BATTERY PACK assumes the discharging pattern it was subjected to. This is known as a "MEMORY" condition which causes rapid discharging thereby shortening the BATTERY PACK charge span. If you believe your BATTERY PACK has developed a "MEMORY" condition, do not charge the **HANDSET** until the BATT LOW symbol appears on the LCD screen. When the BATT LOW symbol appears on the LCD screen, charge the **HANDSET** fully for 12 hours.

IMPORTANT

In order to get maximum life from the HANDSET BATTERY PACK, be sure to charge the HANDSET for 12 hours before initial use.

Changing the BATTERY PACK

The BATTERY PACK provides power for the **HANDSET** of your cordless telephone.

To Replace the BATTERY PACK:

1. Remove the **HANDSET** BATTERY COMPARTMENT COVER by sliding it down.

2. Pull out the BATTERY PACK PLUG and remove the BATTERY PACK.

3. Plug the new BATTERY PACK into the BATTERY CONNECTOR.

4. Slide the **HANDSET** BATTERY COMPARTMENT COVER firmly into place in its closed position.

5. Before use, charge the new BATTERY PACK for 12 hours.

ATTENTION:

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

CAUTION

BATTERY
CONNECTOR

BATTERY
COMPARTMENT
COVER

BATTERY PACK
PLUG

BATTERY PACK
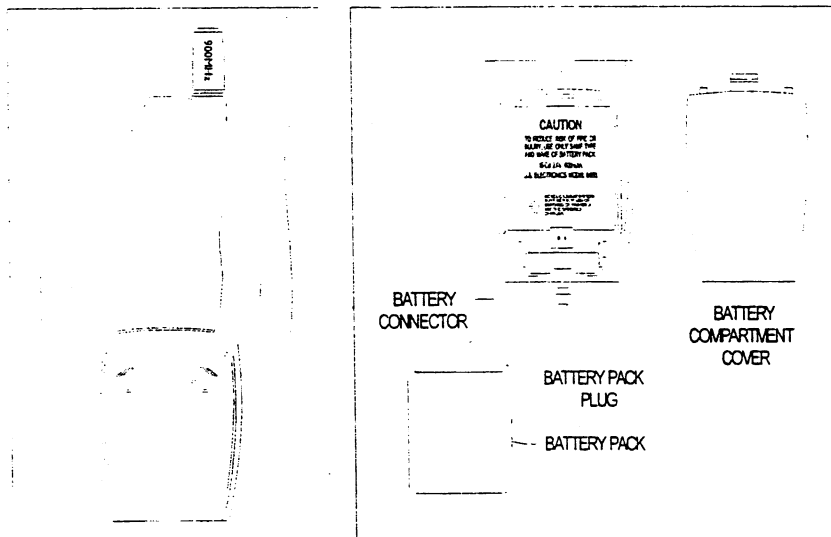
Remove the HANDSET BATTERY COMPARTMENT COVER by sliding it down.

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 Select Switch is in the right position.
4. TELEPHONE LINE CORD is plugged into the TELEPHONE JACK.

Range of phone limited, check the following:
1. ANTENNA on **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 LINE CORD plugs are connected to the TELEPHONE JACK and TELEPHONE LINE CONNECTION JACK.
2. **BASE UNIT** is plugged into power source.
3. 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 in the home or electrical storms. Generally, this noise is a minor annoyance and should not be interpreted as a defect in your system. (See Technical Information on page 46).
2. Choose an alternate channel using the (scan) button on the **HANDSET**.

Long Distance "L-D-C" Indicator is not ON when receiving long distance call, check the following:
1. Your local telephone company can provide the Area Code on an incoming long distance call.

Excess static, check the following:
1. Check to see that the ANTENNA is not touching another metal object.
2. Raise or reposition the BASE UNIT ANTENNA.

If after pressing the (talk) button, you receive three beeps and no dial tone, check the following:
1. **BASE UNIT** is plugged into power source.
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.

Answering System does not work, check the following:
1. **BASE UNIT** is plugged into power source.
2. Reset the system by pressing the **RESET** button at the side of the **BASE UNIT**.

Answering System does not answer calls, check the following:
1. ANSWER ON/OFF LED indicator is lit.

Answers calls only after 10 rings, check the following:
1. ANSWER ON/OFF LED 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. A TONE telephone is being used.

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 none of the 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.

Technical Information

This cordless telephone uses radio frequencies to allow mobility. There are certain difficulties in using radio frequencies with a cordless telephone. While these are normal, the following could affect the operation of your system.

Noise

Electrical pulse noise is present in most homes at one time or another. This noise is most intense during electrical storms. Certain kinds of electrical equipment such as light dimmers, fluorescent bulbs, motors, and fans also generate noise pulses. Because radio frequencies are susceptible to these noise pulses, you may occasionally hear them in your **HANDSET**. Generally they are a minor annoyance and should not be interpreted as a defect in your system.

Range

Because radio frequency is used, the location of the **BASE UNIT** can affect the operating range. Try several locations in your home or office and pick the one that gives you the clearest signal to the **HANDSET**.

Interference

Electronic circuits activate a relay to connect the cordless telephone to your telephone line. These electronic circuits operate in the radio frequency spectrum. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals enter the **BASE UNIT**. You may hear clicks or hear the relay activate while you are not using the **HANDSET**. If the interference occurs frequently, it can be minimized or eliminated by lowering the height of your **BASE UNIT** ANTENNA or by relocating the **BASE UNIT**. You can check for interference before selecting the final **BASE UNIT** location by plugging in the phone.

NOTICE:

This cordless telephone uses radio communication between the **HANDSET** and the **BASE UNIT** and may not ensure privacy of communication. Other devices, including other cordless telephone, may interfere with the operation of this cordless telephone or cause noise during operation. Units not containing coded access may be accessed by other radio communication systems. Cordless telephones must not cause interference to any licensed radio service.

Federal Communications Commission Requirements

This equipment complies with Part 68 of the 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 REN's 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 advanced 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 disconnected until the problem has been corrected.

Federal Communications Commission Requirements (continued)

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 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. Reorient or relocate the receiving ANTENNA.
2. Increase the distance between the equipment and the 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

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 from **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 express 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 90 days 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 suitably 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.

Warranty

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 2-3 weeks for the return of your telephone product. The shipping address of the authorized service center is:

U.S. Electronics CONSUMER CENTER
C/O Southern Bonded Warehouse
1491 Mt. Zion rd.
Morrow, GA 30260

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 your reference:

Serial number _____

Date of Purchase _____

Name of Dealer _____

Customer Service Telephone Number:
1-800-210-8950

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

Notes

$+$

This page serves as a template for attachment of screws to the wall when mounting this telephone on the wall.

1. Cut out this page.

2. Use this template to determine the distance between screws when mounting this phone on the wall. The two cross hairs identify where to attach the screws.

$+$

IMPORTANT
In order to get maximum life from the HANDSET
battery pack, be sure to charge the HANDSET
for 12 hours before initial use.

IMPORTANT
Placing your BASE UNIT near appliances
such as televisions, refrigerators, radios, or
microwave ovens may cause interference.

IMPORTANT
When you hear interference, press the **scan**
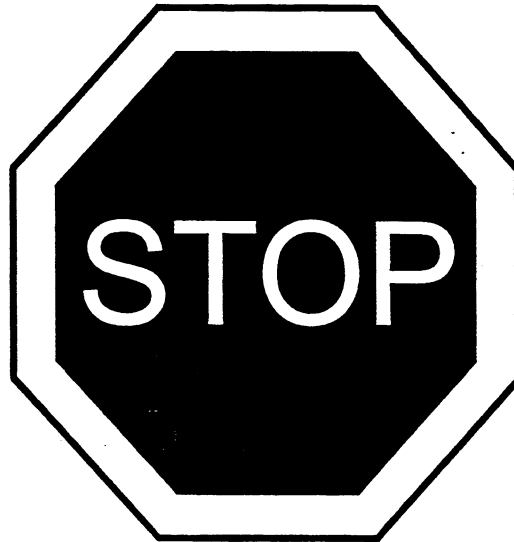button to change the operating channel.

IMPORTANT
The AC ADAPTOR must always be plugged
into an electrical outlet.

IMPORTANT
To obtain the best reception, be sure to
raise or reposition the BASE UNIT ANTENNA.

IMPORTANT
If you live in an area which gets frequent
thunderstorms, we strongly recommend plugging
your AC ADAPTOR into a surge protector.

STOP

Make certain you receive the best
performance from your telephone.
Read this manual first.

⚲ **BELL**SOUTH