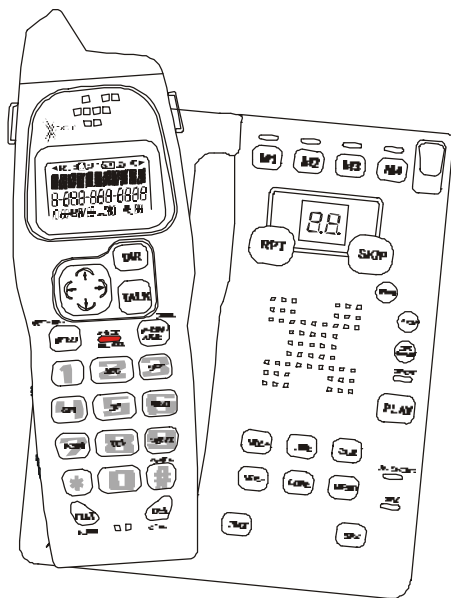# 2.4 GHz CORDLESS ALL DIGITAL ANSWERING SYSTEM WITH CALLER ID/CALL WAITING

50 CHANNEL AUTOSCAN WITH 4 INDIVIDUAL MAILBOXES

Model XG2400

OWNER'S MANUAL INSTALLATION AND OPERATING INSTRUCTIONS

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE.
KEEP FOR YOUR REFERENCE.

For installation information, please see "Getting Started" instructions *on page 7 or your separate Quick Start guide.*

Special Features

Congratulations on your selection of a quality **XACT Product**. With proper care and adherence to the setup and user instructions in this Owner's 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

When examining your new **XACT** cordless telephone, you will find an array of special features including:

Filtered Sound™ System - Receives considerably less noise than conventional cordless telephones because of a special circuit which delivers the clearest possible reception.

50 Channel Autoscan - Press the (DEL/CHAN) button on the **HANDSET** to find and lock on to the clearest channel for any call.

Desk or Wall Mount - Use this equipment as a desk phone or as a wall phone.

TONE or PULSE Dialing - Use this phone for either TONE (push-button) or PULSE (rotary) dialing.

Automated Functions - Redial the last number called and automatic STANDBY mode.

Security - Ensures greater privacy because a built-in security code with 65,536 combinations prevents use of your telephone line by another nearby cordless telephone.

Dependable Battery - Recharge your BATTERY PACK many times with the built-in charger. The battery low warning tone tells you when the BATTERY PACK needs recharging (See page 37).

Special Services - Use the (EDIT/FLASH) button to access special services such as Call Waiting supplied by your telephone company or company switchboard.

STANDBY Mode - When in STANDBY mode (ON-HOOK), the telephone is capable of receiving a call. When the **HANDSET** is on the **BASE UNIT**, it is automatically in the STANDBY mode (ON-HOOK). When the **HANDSET** is taken off the **BASE UNIT**, it remains in the STANDBY mode until you activate the (TALK) button.

Battery Power Saver - Once fully charged, in STANDBY mode, the **HANDSET** can receive/send calls for a maximum of five days without the need for recharging. Length of charge depends on frequency of use.

HANDSET Ringer Level - Select the ringer sound level (HI, LOW, OFF).

HANDSET Volume Control Switch - Select the receiver volume level (HI, MID, LOW).

Luminous LCD Screen - The LCD Screen emits light for 10 seconds every time you press any of the TELEPHONE KEYPAD buttons.

HEADSET JACK - Your telephone can utilize a headset for hands-free communication.

BELT CLIP - Use the BELT CLIP to hang your **HANDSET** on your belt.

Special Features

CALLER ID SYSTEM

Multi-Function Large LCD Screen - Shows the number you are dialing, and with Caller ID service (available through subscription from your local telephone company), displays information about the caller before you answer the call.

Name and Number DIRECTORY (PHONE BOOK) - Stores up to 40 names and numbers so that you can call them with a single key stroke.

Caller List - Available with Caller ID service. Stores up to 80 calls to keep track of everyone who called. The name, phone number, time, and date of the call are recorded. Allows you to return their calls with a few key strokes.

Preferred Calls - You can mark the name and number of a welcome caller in the DIRECTORY (PHONE BOOK). When that number calls in, the caller's name will appear on the LCD Screen and a special ring sound will be heard.

Blocked Calls - You can mark the name and number of an unwelcome caller in the DIRECTORY (PHONE BOOK). When that number calls in, the caller's name will appear on the LCD Screen and the ringer will be disabled.

Repeat Call Indicator - Shows if a new incoming call has called more than once.

Unavailable Call Indicator - Advises you that the origin of the incoming call does not support the Caller ID system.

Call Waiting Service - Displays the name and number of the second caller, if you have subscribed for Call Waiting service from your local telephone company (see page 15).

Voice Mail - Indicates message waiting signal if you subscribed to Voice Mail message service and requested Visual Message Indication from your local telephone company (see page 15).

ANSWERING SYSTEM FEATURES

Fully Digital Answering System - Provides a full range of answering functions without using cassette tapes.

Digital Memory - Allows recording of memos and messages.

Two-Digit LED Message Display - Indicates the number of messages, indicates the status of the system.

Ring-Detection Selectable - Choose the number of times the telephone rings before the system answers.

Voice Day/Time Stamp - System tells the day and time of each received message or recorded memo.

Message Alert - The ability to generate a sound signal when new messages are recorded.
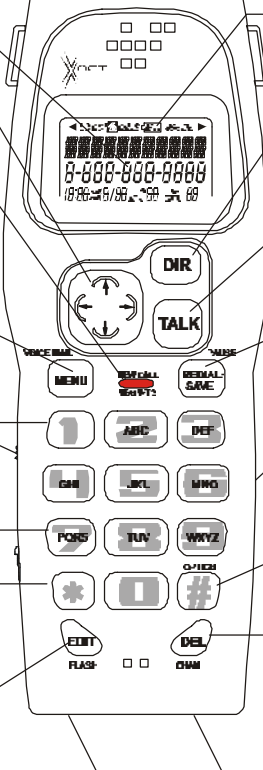
Call Screening - The ability to intercept a call when the unit is recording an incoming message (ICM).

Mailboxes - Allows four separate individuals to receive their own incoming messages.

Auto Disconnection - Will automatically stop answering when the **HANDSET** of any phone on the same line goes OFF-HOOK.

Fast Message Skip Function - Skips to the next message.

9. BATT(BATTERY) LOW
   INDICATOR Pg. 37

1. LARGE LCD SCREEN

10. DIR (DIRECTORY)
   BUTTON
   Pg. 16~21

2. SCROLL UP-DOWN/SHIFT
   LEFT-RIGHT BUTTON
   Pg. 14, 16~26

3. NEW CALL/MESSAGE
   WAITING LED
   INDICATOR Pg. 15, 16

12. TALK BUTTON
   Pg. 8, 9, 11, 12, 15,
   16, 20, 27, 39

4. MENU/VOICE MAIL
   BUTTON
   Pg. 15, 22~27

13. SAVE/REDIAL/
   PAUSE BUTTON
   Pg. 12, 17~20, 22~27

5. HEADSET JACK
   Pg. 13

14. VOLUME CONTROL
   (HI, MID, LOW)
   SWITCH

6. TELEPHONE KEYPAD
   Pg. 18~20, 22~27

15. OPTION (#) BUTTON
   Pg. 16, 20, 21, 27

**7. TEMPORARY TONE (∗)
   BUTTON**
   Pg. 21, 23, 27

16. DEL (DELETE)/CHAN
   (CHANNEL) BUTTON
   Pg. 17, 18, 20, 21,
   36, 39, 41

8. EDIT/FLASH BUTTON
   Pg. 15, 18~20, 22~27

17. CHARGE CONTACTS

HANDSET Controls

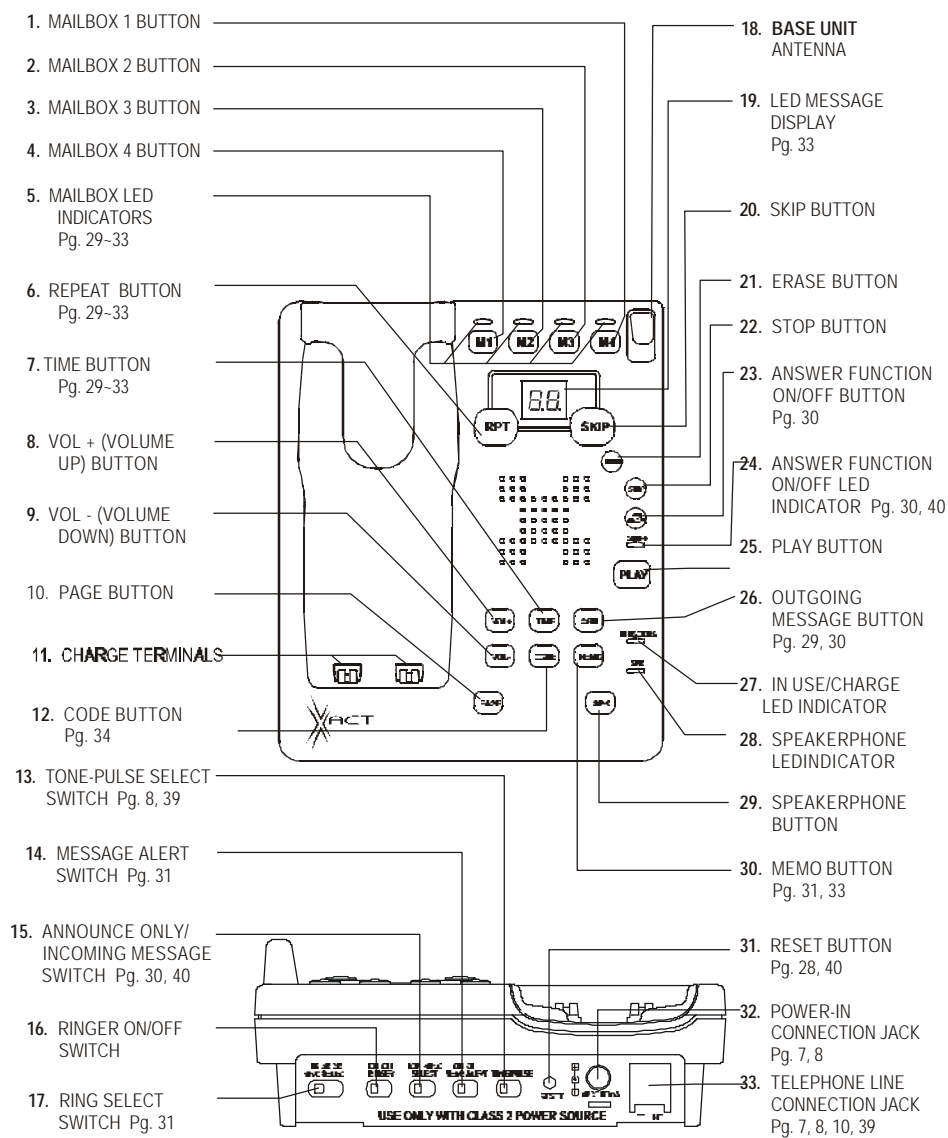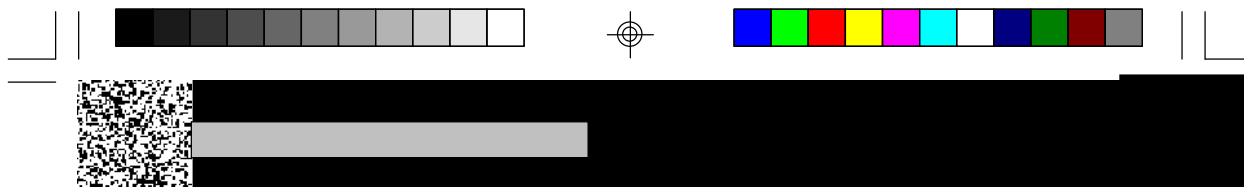1. **Large LCD Screen:** Shows call information, phone status, prompts, and DIRECTORY
    (PHONE BOOK) items.

2. **SCROLL UP-DOWN, SHIFT LEFT-RIGHT ⟨✛⟩ Button: Press to move around the**
    large LCD Screen.

3. **NEW CALL/MSG WTG (MESSAGE WAITING) LED Indicator:** (NEW CALL) Blinks in
    RED color to indicate that you have a new Caller ID call stored in memory. (MESSAGE
    WAITING) Blinks in GREEN color when receiving a Message Waiting signal, if you have
    subscribed to a Voice Mail message service from your local telephone company (See
    page 15.)

4. VOICE MAIL /MENU Button: (VOICE MAIL) Press to automatically dial the Voice Mail Post Code in your area to access your Voice Mail message. (MENU) Press and hold to access the special functions operation in STANDBY mode. (For special functions see pages 15, 22~27.)

5. HEADSET JACK: For connecting your headset plug to enjoy hands-free communication. (See page 13 for detail.)

6. TELEPHONE KEYPAD 1 to 0 Buttons: Allows you to make a call depending on pressed button. (For TELEPHONE KEYPAD characters, see page 19.)

7. TEMPORARY TONE * Button: Press to temporarily change the DIALING mode from PULSE to TONE for Rotary Service Users. (Press once before entering numbers to access the answering system or electronic banking services, etc.)

8. EDIT/FLASH Button: (EDIT) Press to edit listed items. (FLASH) Press to answer a call if you have Call Waiting.

9. TALK Button: Press to answer an incoming call or to place a call. Press to end a call.

10. BATT LOW INDICATOR: Appears on the LCD Screen when the battery charge is low. (See page 37 for detail.)

11. DIR DIRECTORY (PHONE BOOK) Button: Press to access names and numbers stored in the DIRECTORY (PHONE BOOK). (See pages 16 to 21 for details.)

12. SAVE/REDIAL /PAUSE Button: (SAVE) Press and hold down to save the changes on the listed items. (REDIAL) Press to redial the last number you dialed.(PAUSE) Press to insert a pause while dialing. (You will need the SAVE/REDIAL /PAUSE button to dial numbers which use an alternative Long Distance Access Code.)

13. HANDSET Volume Control (HI, MID, LOW) Switch: Select the receiver volume level (HI, MID, LOW).

14. # /OPTION Button: (OPTION) Press to change the displayed telephone number into 7, 10, or 11 digit DIALING mode during Caller ID callback.

15. DEL/CHAN (DELETE/CHANNEL) Button: (DELETE) - Press and hold down to delete items or individual characters. (CHANNEL) Press to change the operating channel when you hear interference.

16. CHARGE CONTACTS: For charging the BATTERY PACK inside the HANDSET. We recommend cleaning the CHARGE CONTACTS periodically with a damp cloth.

1. MAILBOX 1 BUTTON

2. MAILBOX 2 BUTTON

3. MAILBOX 3 BUTTON

4. MAILBOX 4 BUTTON

5. MAILBOX LED INDICATORS Pg. 29~33

6. REPEAT BUTTON Pg. 29~33

7. TIME BUTTON Pg. 29~33

8. VOL + (VOLUME UP) BUTTON

9. VOL - (VOLUME DOWN) BUTTON

10. PAGE BUTTON

11. CHARGE TERMINALS

12. CODE BUTTON Pg. 34

13. TONE-PULSE SELECT SWITCH Pg. 8, 39

14. MESSAGE ALERT SWITCH Pg. 31

15. ANNOUNCE ONLY/ INCOMING MESSAGE SWITCH Pg. 30, 40

16. RINGER ON/OFF SWITCH

17. RING SELECT SWITCH Pg. 31

18. BASE UNIT ANTENNA

19. LED MESSAGE DISPLAY Pg. 33

20. SKIP BUTTON

21. ERASE BUTTON

22. STOP BUTTON

23. ANSWER FUNCTION ON/OFF BUTTON Pg. 30

24. ANSWER FUNCTION ON/OFF LED INDICATOR Pg. 30, 40

25. PLAY BUTTON

26. OUTGOING MESSAGE BUTTON Pg. 29, 30

27. IN USE/CHARGE LED INDICATOR

28. SPEAKERPHONE LEDINDICATOR

29. SPEAKERPHONE BUTTON

30. MEMO BUTTON Pg. 31, 33

31. RESET BUTTON Pg. 28, 40

32. POWER-IN CONNECTION JACK Pg. 7, 8

33. TELEPHONE LINE CONNECTION JACK Pg. 7, 8, 10, 39

USE ONLY WITH CLASS 2 POWER SOURCE

1. **(MAILBOX 1) Button:** Press to activate functions for MAILBOX 1.

2. **(MAILBOX 2) Button:** Press to activate functions for MAILBOX 2.

3. **(MAILBOX 3) Button:** Press to activate functions for MAILBOX 3.

4. **(MAILBOX 4) Button:** Press to activate functions for MAILBOX

5. **MAILBOX LED Indicators:** Lights to indicate the presence of message(s) and blinks to indicate that the corresponding MAILBOX is active and ready to operate.

6. (RPT) **Button:** Press to repeat messages.

7. (TIME) **Button:** Press to set/check the day and time.

8. (VOL +) **(VOLUME UP) Button**: Press repeatedly to increase the speaker volume level of the **BASE UNIT.**

9. (VOL -) **(VOLUME DOWN) Button:** Press repeatedly to decrease the speaker volume level of the **BASE UNIT.**

10. (PAGE) **Button:** Press to PAGE the **HANDSET**. Press again to stop.

11. **CHARGE TERMINALS:** For charging the **HANDSET** BATTERY PACK. For best performance, clean the CHARGE TERMINALS periodically with a damp cloth.

12. (CODE) **Button:** Press and hold down to set the 3- digit Remote Access Code for remote operation.

13. **TONE-PULSE SELECT SWITCH**

14. **MESSAGE ALERT:** Set switch to ON to generate a "beep" sound every 12 seconds when a new message has been received.

15. **ANNOUNCE ONLY/INCOMING MESSAGE Switch:**
    ICM - System records the incoming messages.
    ANNC - System plays your announcement and then hangs up without recording messages.

16. **RINGER ON/OFF Switch:** Set switch to OFF position to disengage the ringer on the **BASE UNIT**.

17. **RING SELECT Switch:** To select the number of rings before the Answering System answers a call.
    3R - System answers a call after the third ring.
    5R - System answers a call after the fifth ring.
    TS (TOLL SAVER) - System answers after the third ring only if you have new messages. Otherwise, the system will answer after the fifth ring.

18. **BASE UNIT ANTENNA**

19. **LED MESSAGE DISPLAY:** Indicates the number of memos/messages received, status of the system.

EA - Erasing	*01 ~63* - No. of memos/messages	*OP* - OGM is playing
Ao - Announce Only	*FU* - Memory is full	*PA* - Pause

20. (SKIP) **SKIP Button:** Press to skip messages. (DAY/TIME STAMP) Press to select the day, hour, and minute setting of the Answering Systtem. (REMOTE ACCESS CODE) Press to select the first, second, and third digit of the Remote Access Codes.

21. (ERASE) **Button:** Press to erase messages.

22. (STOP) **Button:** Press to stop playing a message.

23. (ANS ON/OFF) **(ANSWER FUNCTION ON/OFF) Button:** Press to activate or deactivate the answer function.

24. ANSWER FUNCTION ON/OFF (ANS. ON/OFF) LED Indicator: Lights when the answer function is turned ON.

25. (PLAY) **Button:** Press to play messages.

26. (OGM) **OUTGOING MESSAGE) Button:** Press and hold down to record OGM messages.

27. IN USE/CHARGE LED Indicator: Lights up to indicate that the **HANDSET** is in TALK mode or the HANDSET is place on the **BASE UNIT** for charging.

28. SPEAKERPHONE LED INDICATOR: Lights up to indicate that the speaker is in use.

29. (SPK) **(SPEAKERPHONE) Button:** Press to answer a call using the **BASE UNIT.**

30. (MEMO) **Button:** Press and hold down to record memo messages.

31. **RESET Button:** Briefly press to reset the power. Press and hold down for 2 seconds to reset the system and clear all recordings.

32. POWER-IN CONNECTION JACK
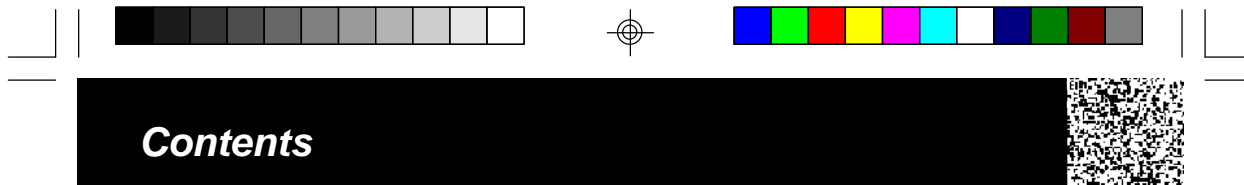
33. TELEPHONE LINE CONNECTION JACK

Contents

1

Contents

Contents

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. Do not use this telephone near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, near a swimming pool, or anywhere else where there is water.
4. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
5. Do not use the telephone to report a gas leak in the vicinity of the leak.
6. Use only the power cord and BATTERY PACK indicated in the Owner's Manual. Do not dispose of the BATTERY PACK in a fire. The BATTERY PACK may explode. Check with local codes for possible special disposal instructions.
7. Operate this telephone using the electrical voltage as stated on the **BASE UNIT** or in the Owner's Manual. If you are not sure of the voltage in your home, consult your dealer or local power company.
8. Unplug this telephone from the wall outlet before cleaning or replacing the BATTERY PACK. Do not use liquid cleaners or aerosol cleaners on the telephone. Use a damp cloth for cleaning.
9. Place this telephone on a stable surface. Serious damage and/or injury may result if the telephone falls.
10. Do not cover the slots and openings on this telephone. This telephone should never be placed near or over a radiator or heat register. This telephone should not be placed in a built-in installation unless proper ventilation is provided.
11. Do not place anything on the power cord. Install the telephone where no one will step or trip on the cord.
12. Do not overload wall outlets or extension cords as this can increase the risk of fire or electric shock.
13. Never push any objects through the slots in the telephone. 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.
14. To reduce the risk of electric shock, do not take this telephone apart. If 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 reassembly can cause electric shock when the appliance is subsequently used.
15. 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 telephone 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 may 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 change in performance.
16. Never install telephone wiring during a lightning storm.
17. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
18. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
19. Use caution when installing or modifying telephone lines.

Battery Safety

CAUTION:

Danger of explosion if BATTERY PACK is incorrectly replaced. Replace only with the same or equivalent type. 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
    U.S. Electronics Inc.
    Ni-MH BATTERY PACK: model B655
    (See page 37 for ordering information.)

2. Do not dispose of the BATTERY PACK in a fire. The BATTERY PACK may explode. Check with local codes for possible special disposal instructions.

3. Do not open or mutilate the BATTERY PACK. Released electrolyte from a BATTERY PACK is corrosive and may cause damage to the eyes or skin. Electrolyte may be toxic if swallowed.

4. Exercise care in handling the BATTERY PACK to prevent shorting the BATTERY PACK with conductive materials such as rings, bracelets, and keys. The BATTERY PACK or conductor may overheat and cause burns.

5. Charge the BATTERY PACK provided with (or identified for use with) this telephone only in accordance with the instructions and limitations specified in this manual.

6. Observe proper polarity orientation between the BATTERY PACK and BATTERY CHARGER.

SAVE THESE INSTRUCTIONS

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.
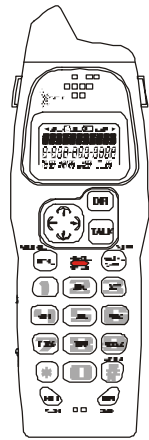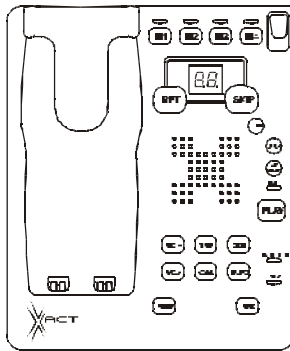
Connecting Your Phone

This section is a reference guide to the basic functions and operations of your cordless telephone. For more detailed descriptions of the operations and features of this telephone, refer to the Contents on page 1.

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. Check to be sure you have all items that come with this cordless telephone system. You should have a **HANDSET**, **BASE UNIT**, AC ADAPTOR, BATTERY PACK, MOUNTING BRACKET, TELEPHONE LINE CORD, SHORT TELEPHONE LINE CORD, BELT CLIP, and Owner's Manual.

BATTERY PACK
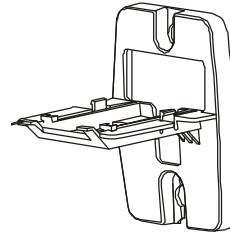
BASE UNIT

MOUNTING BRACKET

HANDSET

BELT CLIP
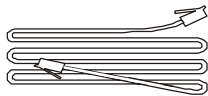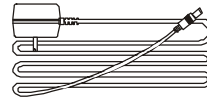
TELEPHONE LINE CORD   SHORT TELEPHONE LINE CORD   AC ADAPTOR

3. Insert the small plug on the end of the AC ADAPTOR into the POWER-IN CONNECTION JACK at the back of the **BASE UNIT**.

4. Plug the AC ADAPTOR into a 120V AC wall outlet.
   USE ONLY WITH CLASS 2 POWER SOURCE 9V DC, 500mA.

5. Insert one plug of the TELEPHONE LINE CORD into the house TELEPHONE JACK and the other end into the TELEPHONE LINE CONNECTION JACK at 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.)

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

120V WALL OUTLET
AC ADAPTOR
TELEPHONE JACK
TELEPHONE LINE CONNECTION JACK
POWER-IN CONNECTION JACK
TONE/PULSE SELECT SWITCH
TELEPHONE LINE CORD
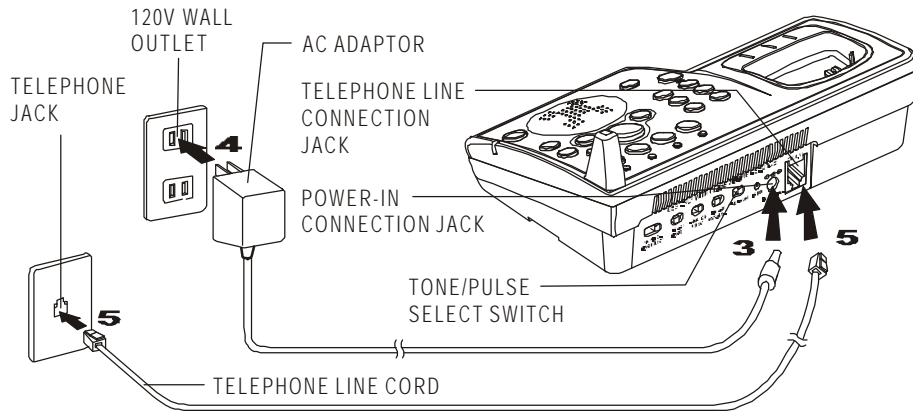
7. Install the **HANDSET** BATTERY PACK by plugging it into the BATTERY CONNECTOR inside the BATTERY COMPARTMENT.

8. Place the BATTERY PACK inside the BATTERY COMPARTMENT.

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

10. IMPORTANT: Before initial use, charge the HANDSET for 12 hours.

11. 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 the 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 TELEPHONE 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.

BATTERY PACK

BATTERY COMPARTMENT COVER

8
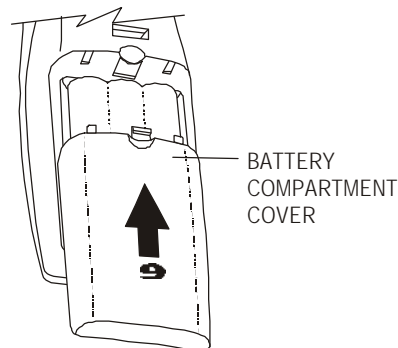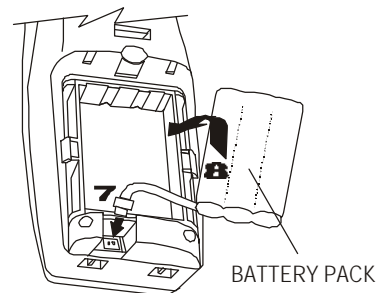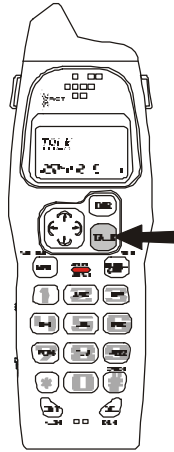
Press the (TALK) button to confirm that you have a dial tone. If you do not get a dial tone, review steps 3 through 11. If you still do not have a dial tone, refer to the Problem Solving section on pages 39~40.
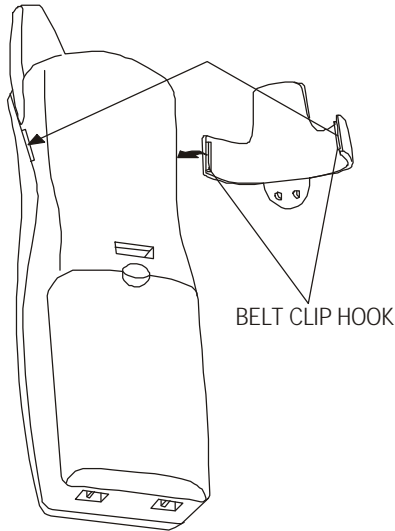
Belt Clip Installation

With the back of the **HANDSET** facing up, insert one side of the BELT CLIP HOOK into the matching slot at the top side of the **HANDSET**. Press down on the opposite side of the BELT CLIP until the other hook locks into the slot on the side of the **HANDSET**.

BELT CLIP HOOK

12. Set the date and time on the **HANDSET**. (See page 24 for details.)
13. Set the date and time on the **BASE UNIT**. (See page 28 for details.)

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

9

Desk Mounting

For normal position, as shown in Figure 1, place the **BASE UNIT** on any desired but suitable location.

FIGURE 1
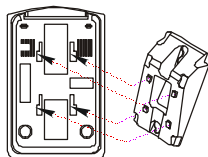
FIGURE 3
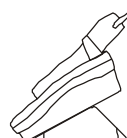
FIGURE 2

Wall Mounting

You may choose to put 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 CONNECTION JACK.
2. Insert the free end of the SHORT TELEPHONE LINE CORD through the hole of the MOUNTING BRACKET.
3. Insert the OUTER HOOKS of the MOUNTING BRACKET into the matching slots on the back of the **BASE UNIT** as shown in FIGURE 2.
4. Push the MOUNTING BRACKET upward until the LOCKING HOOKS snaps into the inner slots of the **BASE UNIT**.

SHORT TELEPHONE LINE CORD

MOUNTING BRACKET

MODULAR WALL JACK

WALL PLATE
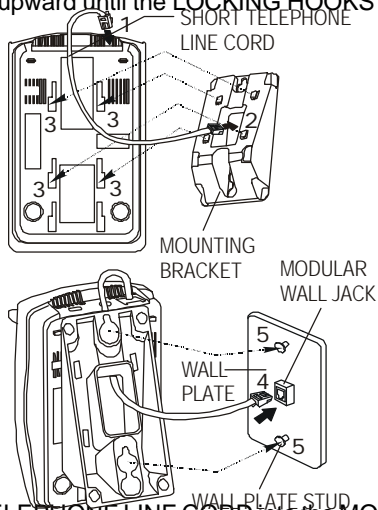
WALL PLATE STUD

5. Plug the free end of the SHORT TELEPHONE LINE CORD into the MODULAR WALL JACK.
6. Align the upper keyhole of 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 it is securely seated.

10

Preparing for Use

Before you can use your cordless telephone, you must charge the **HANDSET** for 12 hours. Failure to do so will require recharging of the BATTERY PACK more often.

1. Place the **HANDSET** on the **BASE UNIT** for 12 hours.

2. After 12 hours, remove the **HANDSET** from the **BASE UNIT**.

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. See page 37 for more information on the BATTERY PACK.

NOTE:
*Depending on the frequency of use, once the **HANDSET** is fully charged, it remains functional for approximately 4 hours of continuous use and approximately 5 days when the **HANDSET** is off the **BASE UNIT** in STANDBY mode.*

Receiving Calls

1. When the phone rings, the LCD Screen will show "RING." If you have Caller ID, the LCD Screen will show the Caller ID information after the first ring.

2. With the **HANDSET** off the base, press the (TALK) button. Start your conversation. The Call Timer starts to count.

3. To end your conversation, either press the (TALK) button or place the **HANDSET** on the **BASE UNIT**. If you place the **HANDSET** on the **BASE UNIT** CHARGE CRADLE, you activate the AUTOMATIC STANDBY feature.
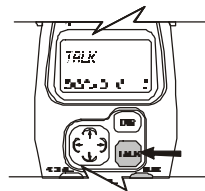
NOTE: *The Call Timer will start to count once you press the (TALK) button.*

Minutes

Seconds

TALK

02   08
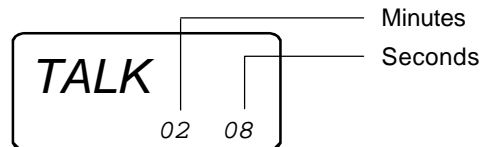
Call Timer Display

IMPORTANT

Do not use this telephone within 20 ft. of a microwave oven while it is working, as you may experience interference. This is a normal occurrence with 2.4 GHz phones and should not be interpreted as a defect in the product.

11

Placing Calls

1. Press the (TALK) button, the Call Timer starts to count.

2. Wait until you hear a dial tone and then dial the phone number.

3. When you have finished your call, press the (TALK) button again or place the **HANDSET** on the **BASE UNIT**.

OR

1. Dial the phone number.

2. Press the (TALK) button. The number displayed will be dialed.

3. When you have finished with your call, press the (TALK) button again or place the **HANDSET** on the **BASE UNIT**.
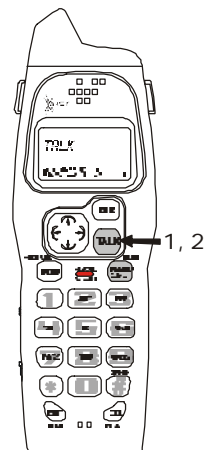
Redial Feature

1. If you get a busy tone, press the (TALK) button or place the **HANDSET** on the **BASE UNIT** to hang up.

2. Later, press the (TALK) button again.

3. Listen for a dial tone.

4. Press the (SAVE)**/RE/PA** button. This will automatically redial the last telephone number you called.

5. When you have finished with your call, press the (TALK) button again or place the **HANDSET** on the **BASE UNIT**.
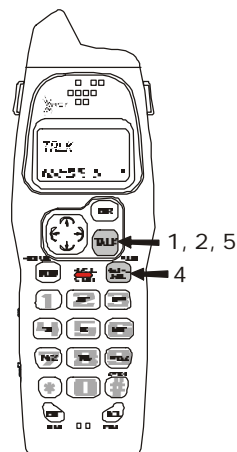
NOTE:
*If you are too far away from the **BASE UNIT**, the **HANDSET** emits "beep" sounds to warn you that the background noise level is too high for proper communication between the **HANDSET** and the **BASE UNIT**. When you hear this sound, you should move closer to the **BASE UNIT** to reduce the noise level. Otherwise, the call will automatically cut off.*

12

Using the Headset Feature

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

Pull out the HEADSET JACK COVER then insert the small plug on the end of the headset into the HEADSET JACK at the left side of the **HANDSET**. Follow the procedures discussed in "Receiving Calls" and "Placing Calls" to receive and place a call.

NOTE:
*When you plug the headset plug into the HEADSET JACK it automatically 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 2.5 mm headset plugs only.
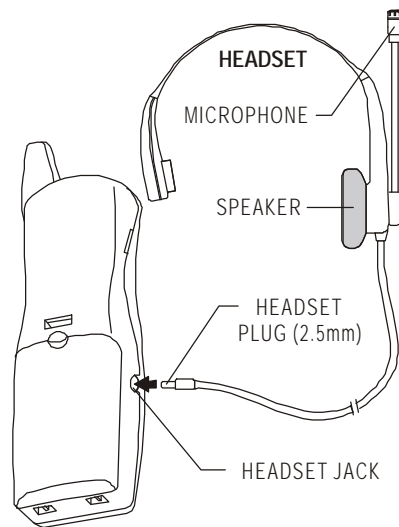
HEADSET

MICROPHONE

SPEAKER

HEADSET
PLUG (2.5mm)

HEADSET JACK

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

13

Caller ID System

This telephone automatically displays an incoming caller's name and telephone number together with the date and time of the call. It records up to 80 calls and stores the data in Memory.

IMPORTANT: You must subscribe to the Caller ID service from your local telephone company to utilize this feature.

Viewing Caller Information During Incoming Calls

1. When there is an incoming call, the name and the telephone number of the caller will automatically appear after the first ring. Press the SHIFT RIGHT ▶ button to view a name of more than 11 characters.

OR

Caller's telephone number will appear if the caller's name is not available.
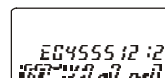
OR

"UNAVAILABLE" will appear when Caller ID information is not available. The origin of the call does not support the Caller ID system (including international calls).
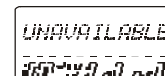
OR

"DATA ERROR" will appear when the Caller ID information was received incorrectly or only part of the data was received.
NOTE: When an error is received, none of the data from this call is saved in memory.
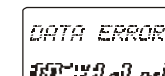
OR

"PRIVATE" will appear if the caller's name and/or telephone number is blocked.
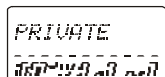
OR

"MSG WAITING" will appear when a Voice Mail Message has been received and is stored by the Message Waiting service provided by the telephone company.

14
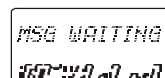
Caller ID with Call Waiting

When you subscribe to Call Waiting service from your local telephone company, this telephone will display the name and number of the second caller while you are having a conversation with the first caller.

When a new call comes in while you are talking, you will hear a notification beep from the **HANDSET** and the volume is momentarily muted. The new caller's name and phone number, if available, appears on the display.

```
ALEX BROWN         Second
  6045551212       Caller
     6:52
```

```
ABEL BROWN         First
  6042254242        Caller
```

1. When you receive a "Call Waiting" call and you want to connect the call, press the ⬭EDIT/FLASH button and start talking with the second caller. The active call will be placed on hold.

2. Press the ⬭EDIT/FLASH button to alternate between calls.

3. Press the ⬭TALK button or place the **HANDSET** on the **BASE UNIT** to end the call.

"MSG WAITING" (Message Waiting)

The Message Waiting LED indicator will blink green when there is a message for you from your telephone company if you have subscribed to Voice Mail message service and if you have requested Visual Message Indication from your local telephone company. "MSG WAITING" will appear on the LCD Screen in STANDBY mode. (To remove the MSG WAITING indicator, see page 27 for detail.)

Note: This function requires voice mail subscription from the local telephone company. Furthermore, the local phone company must provide a type of voice mail signaling called "FSK" (Frequency Shift Key). Not all telephone companies have the visual message waiting feature available. Please contact your local telephone company to check if this is available in your area.

One-Touch Voice Mail Dialing

When the setting is programmed in the Functions menu (see "Programming One-Touch Voice Mail Dialing" on page 26) you can dial out a programmed number at the touch of a button. This feature is specifically designed to easily check voice mail when you have that service through your telephone company.

1. Press the ⬭TALK button to access the telephone line.

2. Press the ⬭VOICE MAIL **/MENU** button.

3. The phone will automatically dial the number.

Caller List

This phone automatically stores the last 80 calls received. It records call information such as caller's name and telephone number toge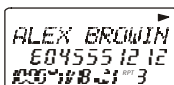ther with the date and time of the call. The NEW CALL LED indicator will blink red to indicate that you have a new Caller ID call stored in memory.

Viewing the Caller List

1. With the **HANDSET** in STANDBY mode, press the SCROLL UP ▲ or DOWN ▼ button.
2. Any unviewed (new) calls will be displayed first. The most recent call will be displayed. The information on the call will be displayed with the name, number, date, and time that the call was received.

```
ALEX BROWN
 8045551212
09-18.31 3
```

3. To scroll to the next call, press the SCROLL UP ▲ or DOWN ▼ button. Pressing the SCROLL DOWN ▼ button will go through the calls from the last call received to the first Caller ID record. Pressing the SCROLL UP ▲ button will allow you to view the calls from the first call received to the last.
4. Press the SHIFT RIGHT ▶ button to view a name of more than 11 characters. If the number has more than 11 digits, the last 11 digits will be displayed first. Press the SHIFT RIGHT ▶ button to view the preceeding numbers.
5. Press the (DIR) button to return to STANDBY mode.
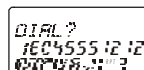
Placing a Call from the Caller List

You can place a call from the Caller List by using the Caller ID CALLBACK feature.
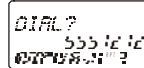
1. Press the SCROLL UP ▲ or DOWN ▼ button to find the Caller ID record you wish to call back.

2. Press the (#)/**OPTION** button to change the displayed number to 7, 10, or 11 digits. The first dialing option displayed is the 11 digits for a long distance call.

    ```
    DIAL?
    18045551212
    OPTION 3
    ```
    First press.

    Press the (#)/**OPTION** button for the second time, the displayed number will change to 7 digits for a local call.

    ```
    DIAL?
        5551212
    OPTION 3
    ```
    Second press.
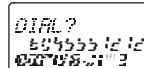
    Press the (#)/**OPTION** button for the third time, the displayed number will change to 10 digits for a local call with area code.

    ```
    DIAL?
    8045551212
    OPTION 3
    ```
    Third press.

3. Press the (TALK) button to dial the displayed number.

4. Press the (DIR) button to cancel dialing and return to STANDBY mode.

5. To end a call, either press the (TALK) button or place the **HANDSET** on the **BASE UNIT**.

16

Storing Caller ID Records into the DIRECTORY (PHONE BOOK)

1. Press the SCROLL UP ▲ or DOWN ▼ button to find the record you wish to store into the DIRECTORY (PHONE BOOK).

2. Press and hold the (SAVE) **/RE/PA** button.

3. The display will show "SAVED."

```
SAVED
C90~WB ~3
```
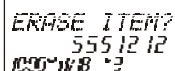
4. If you wish to edit the newly stored number, edit it in the DIRECTORY (PHONE BOOK) (page 20, "Editing a Stored Number").

5. Press the (DIR) button to return to STANDBY mode.

Deleting Caller ID Records

When viewing the Caller ID information you can delete a single call record or all of the call records.

Deleting a Single Record

1. Press the SCROLL UP ▲ or DOWN ▼ button to find the record you wish to delete.

2. Press the (DEL/CHAN) button. The LCD Screen will display "ERASE ITEM?"
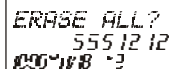
```
ERASE ITEM?
5551212
C90~WB ~3
```

3. To delete the record, press the (DEL/CHAN) button again. The LCD Screen will display "ERASED."

4. Press the (DIR) button to exit the Caller ID List.

Deleting All Records

1. Press the SCROLL UP ▲ or DOWN ▼ button.

2. Press and hold the (DEL/CHAN) button. The LCD Screen will display "ERASE ALL?"

```
ERASE ALL?
5551212
C90~WB ~3
```

3. To delete all of the Caller ID records, press the (DEL/CHAN) button. The LCD Screen will display "ALL ERASED" and then return to STANDBY mode.

Name and Telephone Number DIRECTORY (PHONE BOOK)

This DIRECTORY (PHONE BOOK) lets you scroll through the list to find the person you need for one touch dialing. You can store up to 40 names and telephone numbers in the Memory.

Viewing the DIRECTORY (PHONE BOOK)

1. Press the (DIR) button.

2. Press the TELEPHONE KEYPAD (2) **/ABC** to (9) **/WXY**) button that corresponds to the first letter of a Caller's name (a triple "beep" will sound if no entries are stored under those letters). Press the SCROLL UP (▲) or DOWN (▼) button to find the record you wish to view.

3. Press the SHIFT RIGHT (▶) button to view a name of more than 11 characters. If the number has more than 11 digits, the last 11 digits will be displayed first. Press the SHIFT RIGHT (▶) button to view the preceeding numbers.

4. Press the (DIR) button to exit the DIRECTORY (PHONE BOOK), or the DIRECTORY (PHONE BOOK) will time out.

1 , 4

2
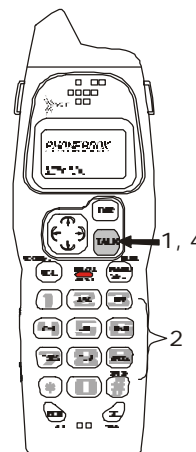
Storing Phone Numbers

1. With the **HANDSET** in STANDBY mode, press the (DIR) button.

2. Press the (EDIT/FLASH) button to create a new DIRECTORY (PHONE BOOK) entry.

3. Enter the name you wish to store using the TELEPHONE KEYPAD (2) **/ABC** to (9) **/WXY** buttons to enter the name, (see page 19 for detail) you can store up to 18 letters. To move the cursor to the right, create a space or to enter a new letter, press the SHIFT RIGHT (▶) button.

4. Press the SCROLL DOWN (▼) button, and dial the telephone number you wish to store using the TELEPHONE KEYPAD (1) to (0) buttons. You can store up to 22 digits. Briefly press the (SAVE) **/RE/PA** button to insert a pause into the number.

5. Press and hold the (SAVE)**/RE/PA** button to store the number into memory.

NOTES:
1. *If there are no memory locations left in the speed dial DIRECTORY (PHONE BOOK) the LCD Screen will display "MEMORY FULL." To continue with memory programming, you must delete or edit existing speed dial numbers.*
2. *If you mis-type entering the phone number, you can move through the number and edit it by pressing the SHIFT RIGHT (▶) or LEFT (◀) button. To delete a character or number inside the cursor, press the (DEL/CHAN) button.*

Telephone Keypad Characters

The TELEPHONE KEYPAD buttons are used to enter characters when entering names and numbers. Press the appropriate TELEPHONE KEYPAD button to get the following characters. You can store a maximum of 18 characters on the letter icon and a maximum of 22 digits on the number icon.

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

EXAMPLE:

If you want to enter the name "ALEX" with telephone number "2426978," dial this sequence:

1. Press the (DIR) button.

2. Press the (EDIT/FLASH) button to create a new DIRECTORY (PHONE BOOK) entry.

3. Press the following TELEPHONE KEYPAD buttons to get the desired letters:

TELEPHONE KEYPAD BUTTON	2	555	33	99
LETTER	A	L	E	X

4. Press the SCROLL DOWN (▼) button to move the cursor to the number icon.

5. Press the following TELEPHONE KEYPAD buttons (0) **/OPER** to (9) **/WXY** to get the desired numbers.

6. Press and hold the (SAVE) **/RE/PA** button to store the data in the DIRECTORY (PHONE BOOK) memory.

Placing Calls from the DIRECTORY (PHONE BOOK)

1. Press the (DIR) button.

2. Press the SCROLL UP ▲ or DOWN ▼ button to find the record you want to call.

   OR

   Press a TELEPHONE KEYPAD (2 /**ABC** to 9 /**WXY**) button that corresponds to the first letter of a name. Press the SCROLL UP ▲ or DOWN ▼ button to find the record you wish to call.

3. Press the (#)/**OPTION** button to change the displayed number to 7, 10, or 11 digits. The first dialing option displayed is the 11 digits for a long distance call.

   Press the (#)/**OPTION** button for the second time, the displayed number will change to 7 digits for a local call.

   Press the (#)/**OPTION** button for the third time, the displayed number will change to 10 digits for a local call with area code.

DIAL? 16045551212	First press.
DIAL? 5551212	Second press.
DIAL? 6045551212	Third press.

4. Press the (TALK) button to dial the displayed number.

5. To end the call, either press the (TALK) button or place the **HANDSET** on the **BASE UNIT**.

Editing a Stored Number in the DIRECTORY (PHONE BOOK)

1. Press the (DIR) button.

2. Press the SCROLL UP ▲ or DOWN ▼ button to find the record you wish to edit.

3. Press the (EDIT/FLASH) button. The entry will display with a flashing prompt over the first character.

   ALEX BROWN
   6045551212
   10:00AM 11/18 #1 TOTAL 3

4. Move the cursor to the letter or number you wish to edit by pressing the SCROLL UP ▲ or DOWN ▼, SHIFT RIGHT ► or LEFT ◄ button.

   To erase a character or digit, press the (DEL/CHAN) button.
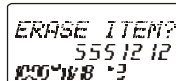
   To add a letter or number, use the TELEPHONE KEYPAD (1) to (0) /**OPER** buttons. Characters or numbers will be inserted in front of the cursor (See page 19 for details.)

5. When the entry is edited as you desire, press and hold the (SAVE)/**RE/PA** button to store the edited record.

Deleting a Stored Number in the DIRECTORY (PHONE BOOK)

1. Press the (DIR) button.

2. Press the SCROLL UP (▲) or DOWN (▼) button to find the record you wish to delete.

3. Press the (DEL/CHAN) button. The LCD Screen will display "ERASE ITEM?"

```
ERASE ITEM?
    5551212
```

4. To delete the record, press the (DEL/CHAN) button again.

5. Press the (DIR) button to return to STANDBY mode.

PREFERRED CALLS

You can assign stored numbers a PREFERRED CALL status. When an incoming call is matched to a stored number designated as preferred, the phone will generate a special ringer sound after the Caller ID information is received.

When you are saving the name and number into the DIRECTORY (PHONE BOOK), add a "#" symbol at the beginning of the name by pressing the (#) button.

```
#ALEX BROWI
 6045551212
```

BLOCKED CALLS

You can assign stored numbers a BLOCKED CALL status. When an incoming call is matched to a stored number designated as blocked, the phone will not ring after the Caller ID information is received.

When you are saving the name and number into the DIRECTORY (PHONE BOOK), add an "*" symbol at the beginning of the name by pressing the (*) button.

```
*ALEX BROWI
 6045551212
```

IMPORTANT

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

Function Settings

You can change the setting on the **HANDSET** in the functions menu. Access the functions menu by pressing and holding the (VOICE MAIL)**/MENU** button.

There are 11 settings in the functions menu which can be changed. You can scroll through the function menu in the listed order by pressing the SCROLL DOWN (▼) button.

Settings can be accessed by pressing the corresponding TELEPHONE KEYPAD button. To edit a setting, press the (EDIT/FLASH) button, use the SCROLL UP (▲) or DOWN (▼) button to toggle between the setting options, and then press and hold the (SAVE)**/RE/PA** button to save the changes. Press the (VOICE MAIL) **/MENU** button to exit the functions menu.

TELEPHONE KEYPAD	Function
1	**Ring Hi/Low/Off:** Changes the volume of the ringer on the **HANDSET** or turn the ringer OFF.
2	**Language:** Changes the language that appears on the LCD Screen. Choose between English, French, or Spanish.
3	**First Ring On/Off:** Turns the first ring of the phone OFF so that it does not ring until Caller ID information has been displayed. Particularly useful when using the PREFERRED and BLOCKED CALL features or the PRIVATE and UNAVAILABLE ring settings.
4	**Time Set:** Changes the time and date.
5	**Contrast:** Adjusts the brightness of the LCD Screen for optimum viewing.
6	**PBX Number:** Inserts if a "PBX Number" before an outgoing number is dialed. Select the number (0-9) which is required to access an outside line when using a switchboard system, and the phone will automatically dial the PBX number and a pause before any speed dial or Caller ID callback number. Factory setting is "OFF."
7	**Flash Time:** Changes the flash time to accommodate the phone service in your area.
8	**Pause Time:** Changes the number of seconds that a pause lasts when using programmed pauses in your speed dial numbers or after your PBX number.
9	**Voice Mail:** Programs the one-touch number that enables easy access to the voice mail service provided by your telephone company.

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TELEPHONE KEYPAD	Function
0	**MSG Waiting Delete:** Clears current message waiting indication.
*	**Area Code:** This unit does not require any programming of an Area Code. However, this option could be used to add the local Area Code to numbers that were stored as 7-digits in the phone book and 10-digit dialing is required in the local calling area.

*NOTE: At any time during options programming you can quit and the settings that you have changed will be saved. Press the VOICE MAIL/**MENU** button to quit the options menu or let the options programming time out by not pressing any TELEPHONE KEYPAD buttons for 20 seconds.*

A. Setting the Ringer Level

1. Press and hold the VOICE MAIL /**MENU** button to enter the menu.

2. Press the EDIT/FLASH button to change the setting. "HI" will begin flashing.

```
RING: HI
            * :...//
```

3. Press the SCROLL UP (▲) or DOWN (▼) button to toggle between HI, LOW, and OFF.

4. When the desired setting is displayed, press and hold the SAVE/**RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

5. Continue with programming or press the VOICE MAIL/**MENU** button to return to STANDBY mode.

B. Changing the Language

1. Press and hold the VOICE MAIL /**MENU** button to enter the menu.

2. Press the (**2**) button to go to the LANGUAGE programming option.

```
ENGLISH
           * 2...//
```

3. Press the EDIT/FLASH button to change the setting. "ENGLISH" will begin flashing.

4. Press the SCROLL UP (▲) or DOWN (▼) button to toggle between ENGLISH, ESPANOL, and FRANCAIS.

5. When the desired setting is displayed, press and hold the SAVE/**RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Continue with programming or press the VOICE MAIL/**MENU** button to return to STANDBY mode.

C. Turning the FIRST RING ON or OFF

1. Press and hold the ⬭VOICE MAIL **/MENU** button to enter the menu.

2. Press the (3) button to go to the FIRST RING programming option.

```
FIRST RING
      On
   ·3==ii
```

3. Press the ⬭EDIT/FLASH button to change the setting. "On" will begin flashing.

4. Press the SCROLL UP▲ or DOWN▼ button to toggle between ON and OFF.

5. When the desired setting is displayed, press and hold the ⬭SAVE **/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Continue with programming or press the ⬭VOICE MAIL**/MENU** button to return to STANDBY mode.

D. Setting the Time and Date

1. Press and hold the ⬭VOICE MAIL **/MENU** button to enter the menu.

2. Press the (4) button to go to the TIME set programming option.

```
TIME SET
EXT=02 ·4==ii
```
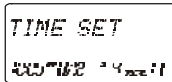
3. Press the ⬭EDIT/FLASH button to change the setting. The month will begin flashing.

4. Press the TELEPHONE KEYPAD (1) to (0) button to enter the month. The date will begin flashing.

5. Press the TELEPHONE KEYPAD (1) to (0) button to enter the date. The hour will begin flashing.

6. Press the TELEPHONE KEYPAD (1) to (0) button to enter the hour. The minutes will begin flashing.

7. Press the TELEPHONE KEYPAD (1) to (0) button to enter the minutes. "AM" and "PM" will begin flashing.

8. Press the TELEPHONE KEYPAD (1) button to choose AM or press the (2) button to choose PM.

9. When the desired setting is displayed, press and hold the ⬭SAVE**/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

10. Continue with programming or press the ⬭VOICE MAIL**/MENU** button to return to STANDBY mode.

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E. Adjusting the Contrast

1. Press and hold the (VOICE MAIL) **/MENU** button to enter the menu.

2. Press the (5) button to go to the CONTRAST programming option.

```
CONTRAST
        4
      '5⌐⊏!!
```
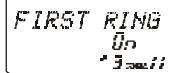
3. Press the (EDIT/FLASH) button to change the setting. "4" will begin flashing.

4. Press the SCROLL UP (▲) or DOWN (▼) button to toggle from 1 to 8 levels of contrast.

5. When the desired setting is displayed, press and hold the (SAVE)**/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Continue with programming or press the (VOICE MAIL)**/MENU** button to return to STANDBY mode.

F. Setting the PBX Number

1. Press and hold the (VOICE MAIL) **/MENU** button to enter the menu.

2. Press the (6) button to go to the PBX NUMBER programming option.

```
PBX NO.
        OFF
      '5⌐⊏ii
```

3. Press the (EDIT/FLASH) button to change the setting. "OFF" will begin flashing.

4. Press the SCROLL UP (▲) or DOWN (▼) button to customize the digit to match your PBX system. When not connected to a PBX, the phone will only function normally when set to "OFF."

5. When the desired setting is displayed, press and hold the (SAVE)**/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Continue with programming or press the (VOICE MAIL)**/MENU** button to return to STANDBY mode.

G. Changing the Flash Time

1. Press and hold the (VOICE MAIL) **/MENU** button to enter the menu.

2. Press the (7) button to go to the FLASH TIME programming option.

```
FLASH TIME
        600
      '7⌐⊏!!
```

3. Press the (EDIT/FLASH) button to change the setting. "600" will begin flashing.

4. Press the SCROLL UP (▲) or DOWN (▼) button to select the desired FLASH TIME.

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5. When the desired setting is displayed, press and hold the (SAVE)**/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Continue with programming or press the (VOICE MAIL)**/MENU** button to return to STANDBY mode.

NOTE: The standard and default flash time setting is 600 msec. This is the setting you should use to access standard telephone services such as call waiting. This setting is adjustable to allow for PBX and other special uses.

H. Changing the Pause Time

1. Press and hold the (VOICE MAIL)**/MENU** button to enter the menu.

2. Press the (8) button to go to the PAUSE TIME programming option.

```
PAUSE TIME
        4
    '8=11
```

3. Press the (EDIT/FLASH) button to change the setting. "4" will begin flashing.

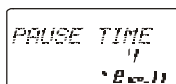**4.** Press the SCROLL UP (▲) or DOWN (▼) button to select the desired time delay.

5. When the desired setting is displayed, press and hold the (SAVE)**/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Continue with programming or press the (VOICE MAIL)**/MENU** button to return to STANDBY mode.

I. Programming One-Touch Voice Mail Dialing

1. Press and hold the (VOICE MAIL)**/MENU** button to enter the menu.

2. Press the (9) button to go to the VOICE MAIL programming option.

```
VOICE MAIL
       ²9=i:
```
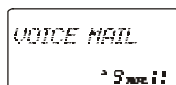
3. Press the (EDIT/FLASH) button to enter the voice mail speed dial number.

4. Press the TELEPHONE KEYPAD (1) to (0) buttons to enter the phone number used to access your voice mail messages (up to 15 digits).

5. When the desired setting is displayed, press and hold the (SAVE)**/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Continue with programming or press the (VOICE MAIL)**/MENU** button to return to STANDBY mode.

NOTE:

When reviewing a stored VOICE MAIL number that contains more than 11 digits, the last 11 digits will be displayed first. Press the SHIFT RIGHT (▶) button to view the preceeding numbers.

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J. Deleting Message Waiting Indication

1. Press and hold the (VOICE MAIL)**/MENU** button to enter the menu.

2. Press the (**0**) button to go to the MESSAGE WAITING programming option.

```
MSG WAITING
          '8.JJ
```

3. Press the (EDIT/FLASH) button to reset the Message Waiting Indication. "DEL" will begin flashing.

4. Press and hold the (SAVE)**/RE/PA** button to delete the indication. A long "beep" will sound to confirm the setting has been saved.

5. Continue with programming or press the (VOICE MAIL)**/MENU** button to return to STANDBY mode.

K. Setting the Area Code

1. Press and hold the (VOICE MAIL)**/MENU** button to enter the menu.

2. Press the (*) button to go to the AREA CODE programming option.

```
AREA CODE
         000
        '1.JJ
```

3. Press the (EDIT/FLASH) button to change the setting. "000" will begin flashing.

4. Press the TELEPHONE KEYPAD (**1**) to (**0**) buttons to enter the three digit area code for your phone number.

5. When the desired setting is displayed, press and hold the (SAVE)**/RE/PA** button to save the setting. A long "beep" will sound to confirm the setting has been saved.

6. Press the (VOICE MAIL)**/MENU** button to return to STANDBY mode.

NOTE:
To use the call back function, press the (#) */OPTION button and then select the 10-DIGIT DIALING mode. Press the* (TALK) *button and the unit will automatically dial the stored 7-digit number plus the area code.*

IMPORTANT

In order to utilize the Caller ID feature, you must subscribe to Caller ID service from your local telephone company.

IMPORTANT: To ensure the proper operation of your Answering System:
1. **Plug the AC ADAPTOR into the POWER - IN CONNECTION Jack.**
2. **Press and hold down the RESET button for 2 seconds at the back of the BASE UNIT before initial use.**

Setting the Day/Time Stamp

Press and hold down the (SET) button until you hear the announcement "*Time is off, please enter new time.*" Then, enter the current day and time.
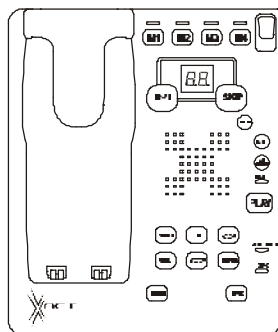
1. **Day Setting**
   Press and and hold down the (TIME) button for 2 seconds then press the (SKIP) or (RPT) button to select the desired day setting. Press (TIME) button again to accept the setting, and then the LED Screen will display hour setting.

2. **Hour Setting**
   Press the (SKIP) or (RPT) button to select the hour, then press the (TIME) button to accept the setting. The LED Screen will display the minute setting.

3. **Minute Setting**
   Press the (SKIP) or (RPT) button to select the desired minute, then press the (TIME) button to accept the setting.

NOTES:
1. *The **HANDSET** and **BASE UNIT** clocks are independent from each other. Set the **HANDSET** clock by following the time setting steps on page 24.*
2. *In case of power failure, reset the time setting on the **BASE UNIT** clock.*

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 back for your approval.

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.

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 t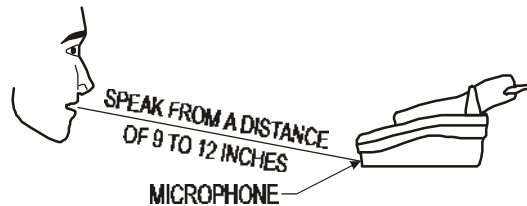he caller to record an ICM directly into one of the four mailboxes by dialing "**110**" for MAILBOX 1, "**220**" for MAILBOX 2, "**330**" for MAILBOX 3, "**440**" for MAILBOX 4.

Example of a Primary OGM: "*Hello, please leave a message after the tone, or if you are using a Touchtone telephone, please Dial 110 for Beth, Dial 220 for Jenny, Dial 330 for Jonathan, Dial 440 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. The Answering System will announce, *"End of Recording."* Your recorded message will be played back for your approval.

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 **"MAILBOX #, you have no announcement."** 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 after 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 2 minutes. If the ICM is more than 2 minutes, the system "beeps" 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 announcement after the beep."* Do not release the (ogm) button until you have completed your announcement OGM.
4. One second after completing your ANNC, release the (ogm) button and you will hear, *"End of recording."* Your recorded ANNC will be played back for your approval.

*NOTE: Your OGM must be at least 3 seconds and no more than 30 seconds in length. If you have not recorded an ANNC, the Answering System will answer **"Memory Full"** and hangs up.*

Message Alert

When the message alert switch is "ON," the unit will generate a "beep" sound every 12 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 after the third ring.

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

Set to TS - Use "TOLL SAVER" (TS) when you will be checking your system for messages from a remote location using long distance services or from a pay phone. The Answering System responds after the third ring only if you have a new message waiting. If there are no new messages, the phone will answer after the fifth ring. You can then hang up after 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." 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."* 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.

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 the MAILBOX LED indicators are lit, messages are present.

C. To interrupt a message.
1. Press the (STOP) button to end the playing of a message. The Answering System will announce, "*End of messages.*"

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

E. To skip a 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.

NOTE: While playing a message, press the (PLAY) button to pause, "PA" will be displayed. Press the (PLAY) button again to continue playing the message where you stopped.

IMPORTANT
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.

Saving Messages

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

NOTE: The Answering System has a total Memory capacity of 14 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 14 minutes.

Erasing Messages

A. To erase all of the messages in the PRIMARY MAILBOX

1. Press and hold down the (ERS) button until you hear the announcement, "*Messages erased, you have no message.*"

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 (ERS) button until you hear the announcement, "*Mailbox #, Messages erased.*"

C. To erase selected messages/memos

1. While the unwanted message is playing, press the (ERS) button. The Answering System announces erasure of the selected message/memo. 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.

Two-Way Recording

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

1. During conversation, press a mailbox button (MAILBOX **1**, **2**, **3**, or **4**) where you want to record your conversation. The corresponding MAILBOX LED indicator will blink.

2. Press and hold down the (MEMO) button. The LED Message Display will show "*2r*" to indicate the recording mode.

3. Release the (MEMO) button to end your conversation recording.

4. Also you can record on the PRIMARY MAILBOX, just follow steps 2 and 3.

NOTE: Recording two-way conversations may be subject to local, state, or federal laws and regulations. Consent of both parties is required when a conversation will be recorded.

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 announcement, "*Your password is XXX, please enter new password*."

3. Press and release the (DAY) button, the corresponding number will be displayed and announced. Press and release the (DAY) button repeatedly until the desired first digit of the code is displayed and mentioned.

4. Press and release the (HOUR) button, the corresponding number will be displayed and announced. Press and release the (HOUR) button repeatedly until the desired second digit of the code is displayed and mentioned.

5. Press and release the (MIN) button, the corresponding number will be displayed and announced. Press and release the (MIN) button repeatedly until the desired third digit of the code is displayed and mentioned.

6. Press the (CODE) button, the 3-digits you have selected will be announced. If your new Remote Access Code is the same as that of another mailbox, the Answering System will not record your new password and announce, *"please try again."*

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 the "*" button for help.

   A. If you do not know the Instruction Code, press the "*" button 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 automatically hang up.

   The following is the Remote Instruction Code Help Menu:

   <u>Instruction Codes</u>

   To playback message press "**2**."

   To repeat message press "**1**."

   To skip message press "**3**."

   To stop press "**4**."

   To playback announcement press "**5**."

   To record a memo press **"6"**

   To record announcement press **"7"**

   To turn answering machine ON or OFF press "**8**."

   To erase message press "**9**."

   (Press "**1**" for MAILBOX 1, press "**2**" for MAILBOX 2, press "**3**" for MAILBOX 3, and press "**4**" for MAILBOX 4. Otherwise, if you did not press the desired MAILBOX # location within 5~6 seconds, the Answering System will automatically hang up.)

   To change mailbox press "#."

   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.

Speakerphone Operation

This telephone allows you to answer calls using the **BASE UNIT** speakerphone function.

1. When the phone rings, press the (SPK) button.
2. Start your conversation.
3. To end your conversation, press the (SPK) button again.

NOTE: Press the (VOL +) or (VOL -) button to adjust the **BASE UNIT** speaker volume to your comfortable level.

Security System

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 the **HANDSET**.

Security Code

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

Resetting Security Code and Channel Information

Communication between the **HANDSET** and the **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 2 to 5 seconds.

Multi-Channel Access

Your cordless telephone lets you select a channel from the 50 frequencies available to transmit signals between the **BASE UNIT** and the **HANDSET**. When you notice interference from other cordless telephones, change to another channel by pressing the (DEL/CHAN) button on the **HANDSET**.

IMPORTANT

When you hear interference, press the (DEL/CHAN) button change the operating channel.

Battery Type

Use the following type and size of BATTERY PACK:
Cordless Telephone BATTERY PACK
3.6V, 600mAh
U.S. Electronics Inc.
Ni-MH BATTERY PACK: Model B655

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

NOTE:
> **1. *During a power interruption, the BASE UNIT does not operate, and a phone conversation cannot be made on the HANDSET.***

Recharging the BATTERY PACK

The nickel metal hydride (Ni-MH) 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 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.

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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.

IMPORTANT

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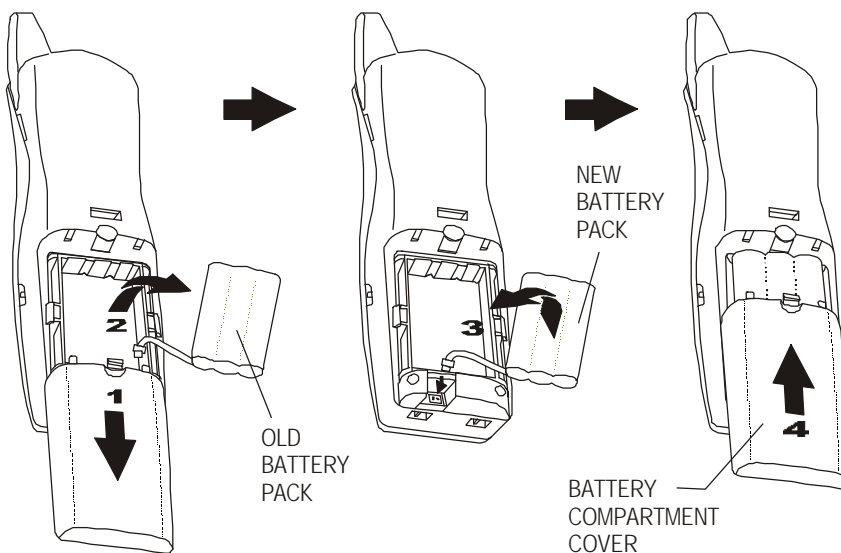
Problem Solving Section

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

Phone does not work, check the following:
1. **BASE UNIT** is plugged into a 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. **BASE UNIT** is centrally located in your residence.
2. **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 a 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**.

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 41).
2. Choose an alternate channel using the (DEL/CHAN) button on the **HANDSET**.
3. Do not use this telephone within 20 ft. of a microwave oven while it is working, as you may experience interference. This is a normal occurrence with 2.4 GHz phones and should not be interpreted as a defect in the product.

Excess static, check the following:
1. Check to see that the ANTENNA is not touching another metal object.

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

Problem Solving

Answering System does not work, check the following:
1. **BASE UNIT** is plugged into the power source.
2. Reset the system by pressing the **RESET** button at the top 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 relocating the **BASE UNIT**. You can check for interference before selecting the final **BASE UNIT** location by plugging in the telephone.

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 telephones, 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.

IMPORTANT

When you hear interference, press the DEL/CHAN button change the operating channel.

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FCC Requirements

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 ACTA product 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 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 UNIT** 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.

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

### *Federal Communications Commission Requirements (continued)*

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 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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
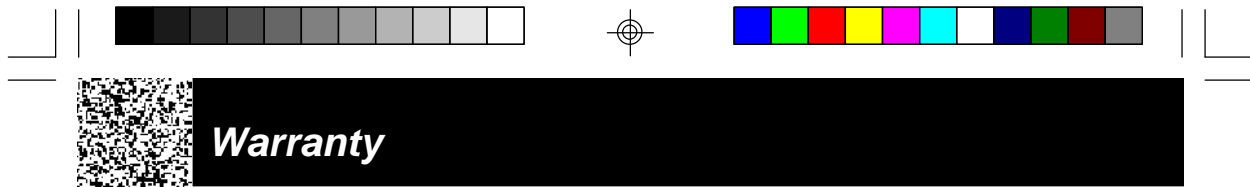
Warranty Information

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 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 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
7137 Southlake Parkway
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 _____

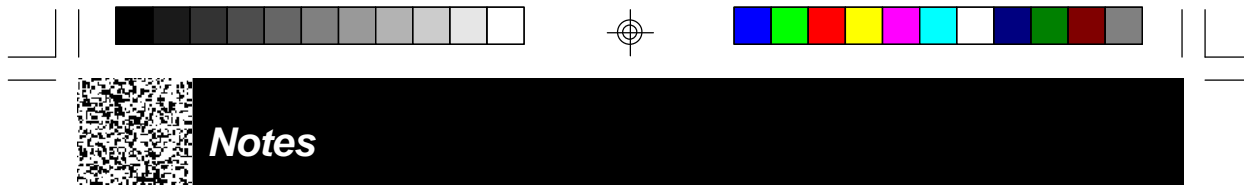Name of Dealer _____

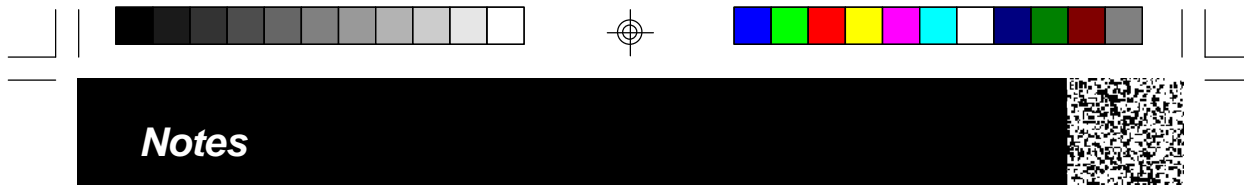**Visit Us on the Web:**
www.uselectronics.info

Customer Service Telephone Number:
1-800-210-8950
OUTSIDE THE U.S.A. CALL 1-212-242-6978

Notes

Notes

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

1. Cut out this page.

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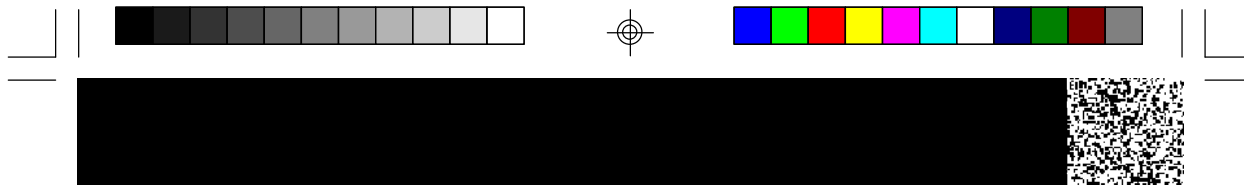
IMPORTANT

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 DEL/CHAN button change the operating channel.

IMPORTANT

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

IMPORTANT

In order to utilize the Caller ID feature, you must subscribe to Caller ID service from your local telephone company

IMPORTANT

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