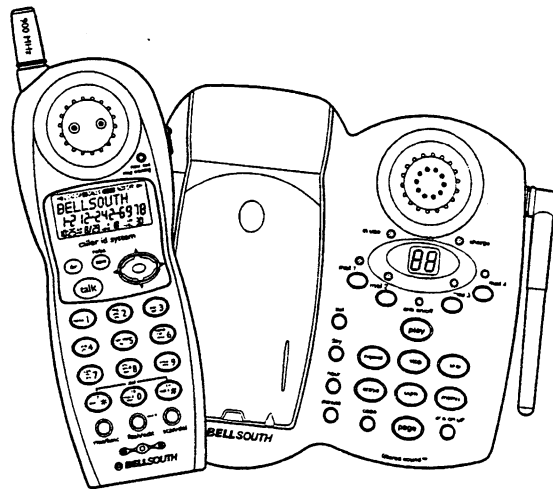# @ *BELL*SOUTH

900 MHz CORDLESS ALL DIGITAL ANSWERING SYSTEM WITH CALLER ID/CALL WAITING

40 CHANNEL AUTOSCAN WITH 4 INDIVIDUAL MAILBOXES

Model MH9934

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 12 or your separate
Quick Start guide.*

Special Features

Congratulations on your selection of a quality **BellSouth Product**. With proper care, and by following the setup and user instructions in this manual, this unit will provide you with years of trouble free service.

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

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

When examining your new BellSouth 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.

40 Channel Autoscan - Press the **scan** 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 or push-button 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 phone.

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 42).

Special Services - Use the **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 phone 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).

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

BELT CLIP - Use the BELT CLIP to hang your **HANDSET** to 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 - 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 single key stroke.

Preferred Calls - You can mark the name and number of a welcome caller in the DIRECTORY. When that number calls in, the caller's name will appear on the DISPLAY and a special ring sound will be heard from the **HANDSET** ringer.

Blocked Calls - You can mark the name and number of an unwelcome caller in the DIRECTORY. When that number calls in, the caller's name will appear on the DISPLAY and the **HANDSET** ringer will be disabled.

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

Out of Area Call Indicator - Advises you that the incoming call is not in a Caller ID service area.

Unknown Call Indicator - Advises you that the origin of the incoming call has no name and 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 21).

Message Waiting - Indicates message waiting signal if you have subscribed to Voice Mail message service and requested Visual Message Indication from your local telephone company.

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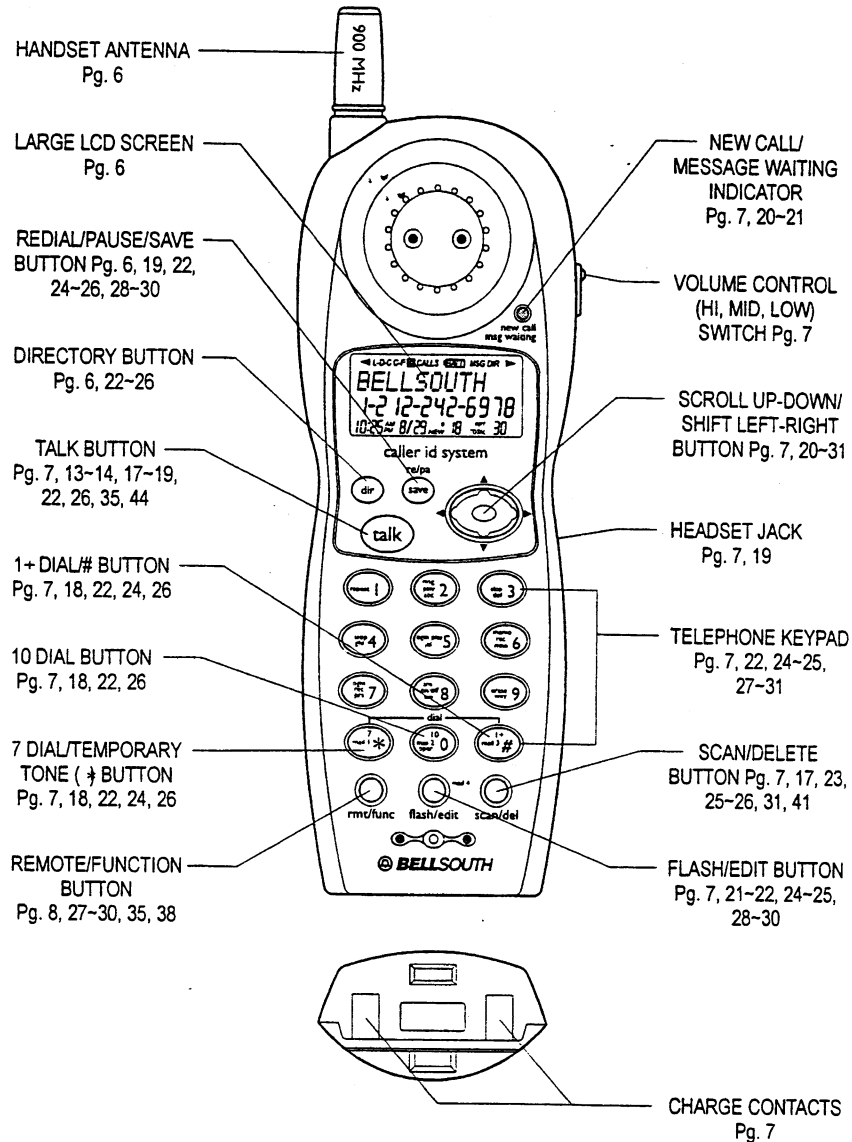
Mailboxes - Allows four separate individuals to receive their own incoming messages.

Auto Disconnection - Will automatically stop answering when **HANDSET** of any phone on the same line is lifted.

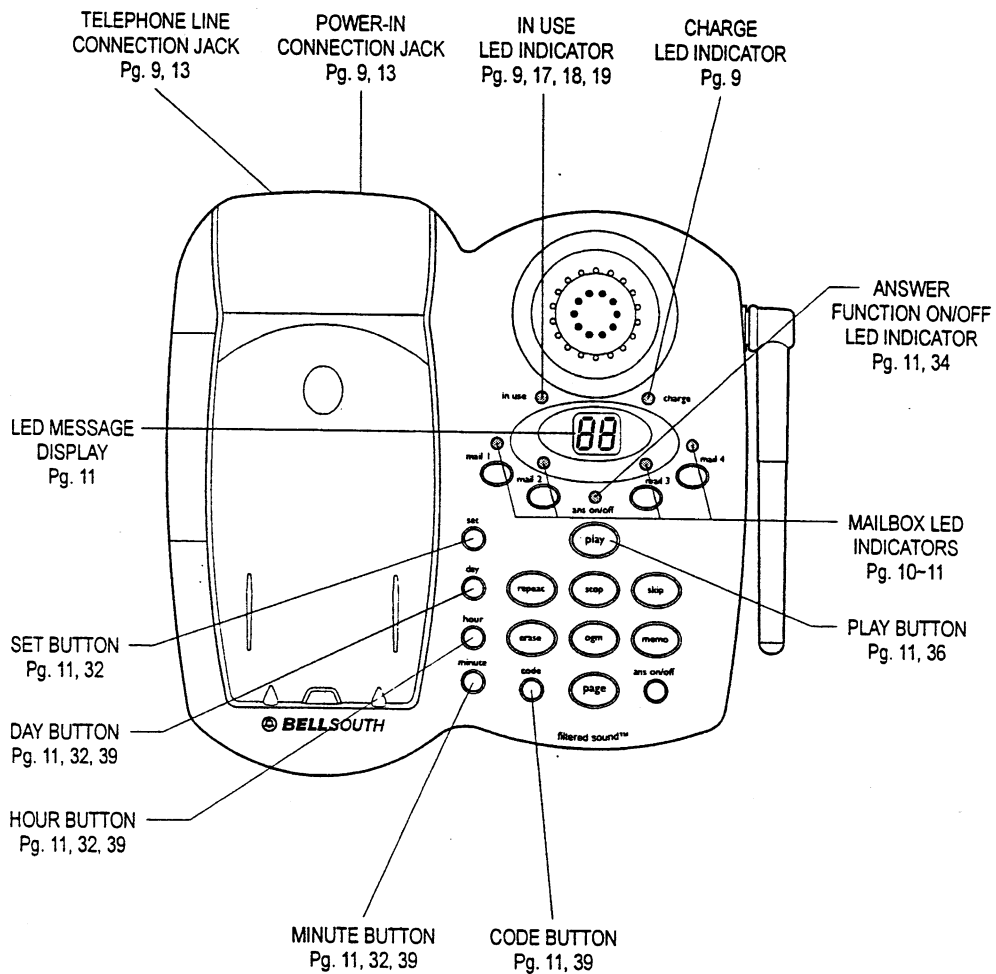**Fast Message Skip Function** - Skips to the next message.

Remote Control Capable - Can be accessed through the **HANDSET** and/or an outside line (Tone telephone) via 3-digit access code.

HANDSET ANTENNA
Pg. 6

LARGE LCD SCREEN
Pg. 6

REDIAL/PAUSE/SAVE
BUTTON Pg. 6, 19, 22,
24~26, 28~30

DIRECTORY BUTTON
Pg. 6, 22~26

TALK BUTTON
Pg. 7, 13~14, 17~19,
22, 26, 35, 44

1+ DIAL/# BUTTON
Pg. 7, 18, 22, 24, 26

10 DIAL BUTTON
Pg. 7, 18, 22, 26

7 DIAL/TEMPORARY
TONE (⚹ BUTTON
Pg. 7, 18, 22, 24, 26

REMOTE/FUNCTION
BUTTON
Pg. 8, 27~30, 35, 38

NEW CALL/
MESSAGE WAITING
INDICATOR
Pg. 7, 20~21

VOLUME CONTROL
(HI, MID, LOW)
SWITCH Pg. 7

SCROLL UP-DOWN/
SHIFT LEFT-RIGHT
BUTTON Pg. 7, 20~31

HEADSET JACK
Pg. 7, 19

TELEPHONE KEYPAD
Pg. 7, 22, 24~25,
27~31

SCAN/DELETE
BUTTON Pg. 7, 17, 23,
25~26, 31, 41

FLASH/EDIT BUTTON
Pg. 7, 21~22, 24~25,
28~30

CHARGE CONTACTS
Pg. 7

*For installation information, please see
"Getting Started" instructions on page 12
or your separate Quick Start guide.*

TELEPHONE LINE
CONNECTION JACK
Pg. 9, 13

POWER-IN
CONNECTION JACK
Pg. 9, 13

IN USE
LED INDICATOR
Pg. 9, 17, 18, 19

CHARGE
LED INDICATOR
Pg. 9

ANSWER
FUNCTION ON/OFF
LED INDICATOR
Pg. 11, 34

LED MESSAGE
DISPLAY
Pg. 11

MAILBOX LED
INDICATORS
Pg. 10-11

SET BUTTON
Pg. 11, 32

PLAY BUTTON
Pg. 11, 36

DAY BUTTON
Pg. 11, 32, 39

HOUR BUTTON
Pg. 11, 32, 39

MINUTE BUTTON
Pg. 11, 32, 39

CODE BUTTON
Pg. 11, 39

© BELLSOUTH

filtered sound™

in use   charge

mail 1   mail 2   ans on/off   mail 3   mail 4

set   day   hour   minute

play   repeat   stop   skip   erase   ogm   memo   code   page   ans on/off

Contents

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. 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.
4. 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.
5. Place this telephone on a stable surface. Serious damage to the telephone and/or injury may result if the telephone falls.
6. 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.
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. Do not place anything on the power cord. Install the phone where no one will step or trip on the cord.
9. Do not overload wall outlets or extension cords as this can increase the risk of fire or electric shock.
10. 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 product.
11. 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.
12. Unplug this telephone from the wall outlet and consult a qualified service representative in any of the following situations.
    A. When the power supply cord is frayed or damaged.
    B. If liquid has been spilled into the telephone.
    C. If the 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.

13. Do not use the telephone to report a gas leak in the vicinity of the leak.
14. Never install telephone wiring during a lightning storm.
15. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
16. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
17. Use caution when installing or modifying telephone lines.

SAVE THESE INSTRUCTIONS

Battery Safety

CAUTION:

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

1. Use only the following type and size of BATTERY PACK:
   Cordless Telephone BATTERY PACK
   3.6V, 600mAh
   U.S. Electronics Inc.
   Ni-Cd BATTERY PACK: Model B650
   (See page 42 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. Change the BATTERY PACK provided with or identified for use with this telephone only in accordance with the instructions and limitations specified in this manual.

ATTENTION:
The product 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.
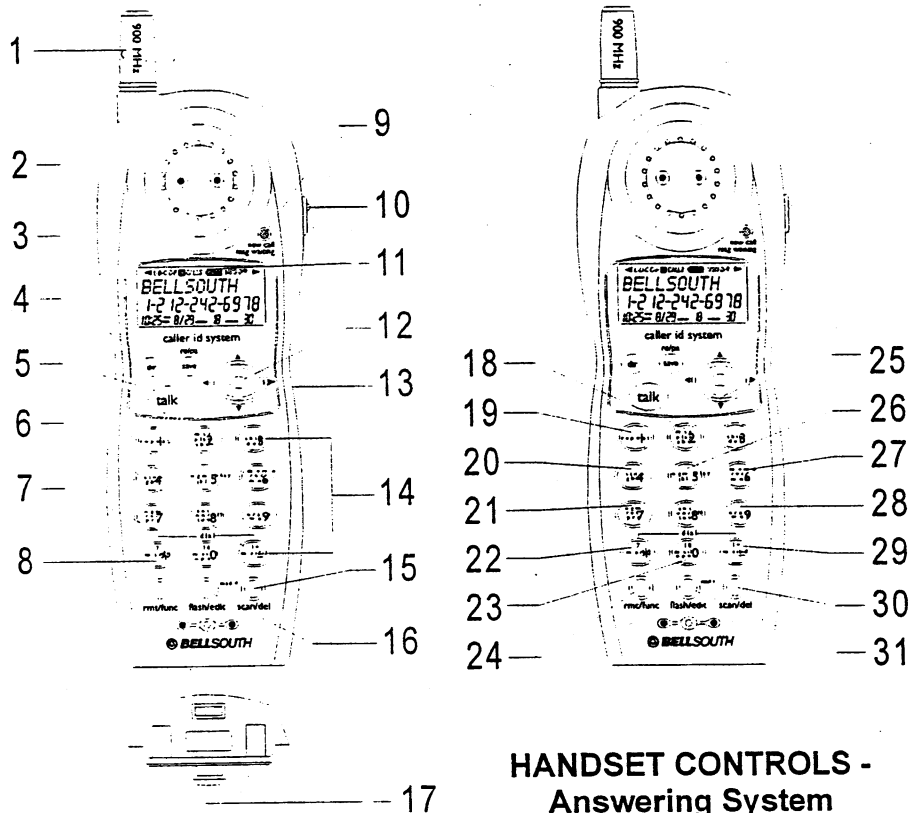
**HANDSET CONTROLS -
Answering System**

HANDSET Controls

1. **HANDSET ANTENNA**

2. **Large LCD Screen:** Shows call information, phone status, prompts and directory items.

3. **SAVE/RE (REDIAL)/PA (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 **re/pa** button to dial numbers which use an alternative long distance access code.)

4. **DIR (DIRECTORY) Button:** Press to access names and numbers stored in the DIRECTORY. (See page 22 to 26 for details.)

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

6. **1+/# Button:** (1+) - Press and hold down to place a long distance call. (Automatically adds the number 1 at the beginning of the displayed telephone number.)

7. **10 DIGIT/0 Button:** (10 DIGIT) - Press and hold down to place a local call with Area Code.

8. **7 DIGIT/TEMPORARY TONE (*) Button:** (7 DIGIT) - Press and hold down to place a local call. (*) - 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.)

9. **NEW CALL/MSG WAITING (MESSAGE WAITING) LED Indicator:** Blinks when recording new incoming call or when receiving Message Waiting signal, if you have subscribed from your local telephone company. (See page 20 for details.)

10. **HANDSET VOLUME CONTROL (hi, mid, low) Switch:** Select the receiver volume level (HI, MID, LOW).

11. **BATT LOW Symbol:** Appears on the LCD screen when the battery power is low. (See page 42 for detail.)

12. **SCROLL UP-DOWN, SHIFT LEFT-RIGHT Button (◄ ▲ ▼ ►):** Press to move around the Large LCD Screen.

13. **HEADSET JACK:** For connecting your headset plug to enjoy hands-free communication. (See page 19 for detail.)

14. **TELEPHONE KEYPAD:** Allows you to make a call depending on pressed button. (For TELEPHONE KEYPAD characters, see page 31.)

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

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

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

HANDSET Controls - Answering System

18. **MESSAGE PLAY (MSG PLAY)/"2" Button:** Press to play messages.

19. **REPEAT/"1" Button:** Press to repeat the message being played or a previous message.

20. **STOP/"4" Button:** Press to stop current activity.

21. **OUTGOING MESSAGES RECORD (OGM REC)/"7" Button:** Press to record your OGM.

22. **ANSWER ON/OFF (ANS ON/OFF)/"8" Button:** Press to activate or deactivate the answer function.

23. **MAILBOX 1(MAIL 1)/"*" Button:** Press to activate functions for MAILBOX 1.

24. **RMT (REMOTE)/FUNC (FUNCTION) Button:** (REMOTE) - Press to activate remote control. (FUNCTION) - Press and hold down to access special functions operation in STANDBY mode. (For special functions see page 27.)

25. **SKIP/"3" Button:** Press to skip to the next message.

26. **OUTGOING MESSAGES PLAY (OGM PLAY)/"5" Button:** Press to play your OGM.

27. **MEMO RECORD (MEMO REC)/"6" Button:** Press to record memo messages.

28. **ERASE/"9" Button:** Press to erase messages.

29. **MAILBOX 3 (MAIL 3)/"#" Button:** Press to activate functions for MAILBOX 3.

30. **MAILBOX 2 (MAIL 2)/"0" Button:** Press to activate functions for MAILBOX 2.

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

IMPORTANT

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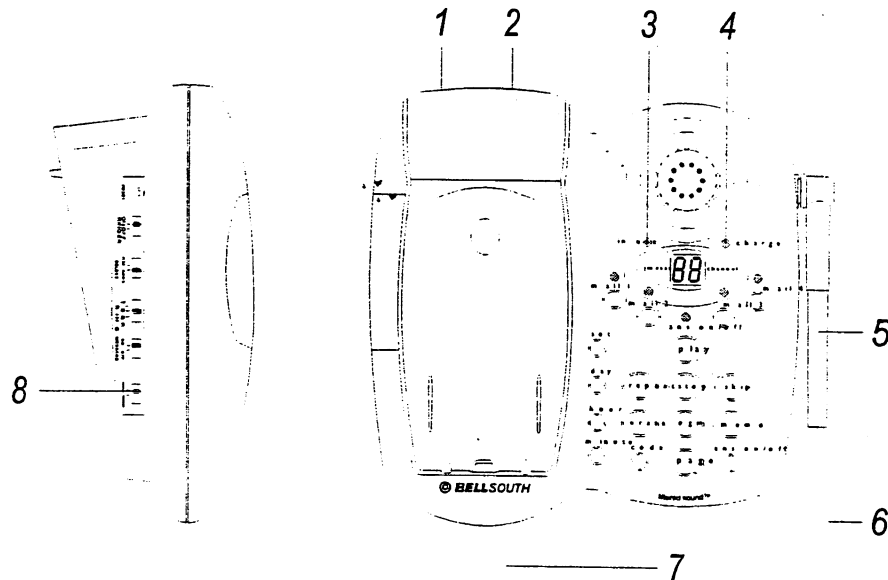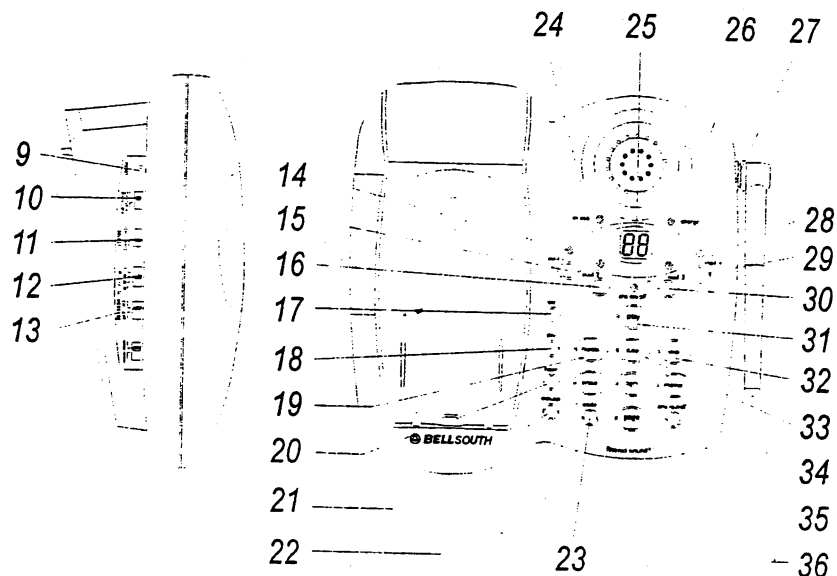
BASE UNIT Controls

1. TELEPHONE LINE CONNECTION JACK

2. POWER-IN CONNECTION JACK

3. **IN USE LED Indicator:** Lights up to indicate that the **HANDSET** is in TALK mode or an extension phone is in use.

4. **CHARGE LED Indicator:** Lights up when the **HANDSET** is placed on the **BASE UNIT** for charging.

5. **ANTENNA:** Raise or reposition for the best reception.

6. **PAGE Button:** Press to page the **HANDSET**. Press again to stop.

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

8. **TONE/PULSE Select Switch**

24   25   26   27

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— 36

BASE UNIT Controls - Answering System

9. RESET Button: Press to reset the system and clear all recordings.

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

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

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

13. MESSAGE ALERT: Set switch to ON to generate a "beep" sound every 15 seconds when new messages have been received.

14. MAILBOX 1 (MAIL 1) LED Indicator: Lights to indicate the presence of message(s) and blinks to indicate MAILBOX 1 is active and ready to operate.

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

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

**17. SET Button:** Press to set/check the day and time.

18. **DAY Button:** Press to set the day during time setting, or press to set the first digit of the access code during code setting.

19. **REPEAT Button:** Press to repeat messages.

20. **HOUR Button:** Press to set the hour during time setting, or press to set the second digit of the access code during code setting.

21. **MINUTE Button:** Press to set minute during time setting, or press to set the third digit of the access code during code setting.

22. **ERASE Button:** Press to erase messages.

23. **CODE Button:** Press to set the 3-digit Remote Access Code for remote operation.

24. **MAILBOX 2 (MAIL 2) LED Indicator:** Lights to indicate the presence of message(s) and blinks to indicate MAILBOX 2 is active and ready to operate.

25. **LED MESSAGE DISPLAY:** Indicates the number of memos/messages received, status of the system.
    _Er_ - Erasing   _01~63_ - No. of memos/messages   _OP_ - OGM is playing
    _Ao_ - Announce Only   _FU_ - Memory is full   _PA_ - Pause
    Channel Display - Shows the channel on which the telephone is locked.

26. **MAILBOX 3 (MAIL 3) LED Indicator:** Lights to indicate the presence of message(s) and blinks to indicate MAILBOX 3 is active and ready to operate.

27. **MAILBOX 4 (MAIL 4) LED Indicator:** Lights to indicate the presence of message(s) and blinks to indicate MAILBOX 4 is active and ready to operate.

28. **ANSWER FUNCTION ON/OFF (ANS. ON/OFF) LED Indicator:** Indicates whether answer function is turned ON or OFF.

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

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

31. **PLAY Button:** Press to play messages.

32. **SKIP Button:** Press to skip messages.

33. **STOP Button:** Press to pause playback of memos/messages or to stop current activity.

34. **BASE UNIT VOLUME CONTROL Slide Switch:** Use to adjust the speaker volume level of the BASE UNIT.

35. **MEMO Button:** Press to record memo messages.

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

37. **OUTGOING MESSAGE (OGM) Button:** Press to record memo messages.

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, MOUNTING BRACKET, TELEPHONE LINE CORD, SHORT TELEPHONE LINE CORD, BELT CLIP and OWNER'S MANUAL.

HANDSET   *BASE UNIT*   *MOUNTING BRACKET*   *BELT CLIP*

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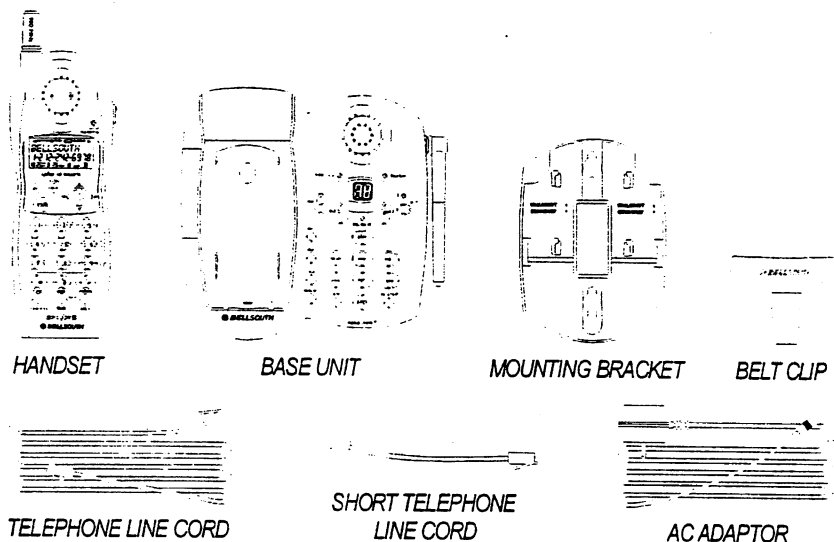
3. Insert the small plug on the end of the AC ADAPTOR into the POWER-IN CONNECTION JACK at the back of the **BASE UNIT**.

4. Plug the AC ADAPTOR into a 120V AC wall outlet.
   ⚠ **USE ONLY WITH CLASS 2 POWER SOURCE 9V AC, 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. Raise or reposition the ANTENNA on the **BASE UNIT** for the best reception.

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

BASE UNIT ANTENNA

120V WALL OUTLET

BASE UNIT

POWER-IN CONNECTION JACK

AC ADAPTOR

TELEPHONE LINE CORD

TELEPHONE LINE CONNECTION JACK

TELEPHONE JACK
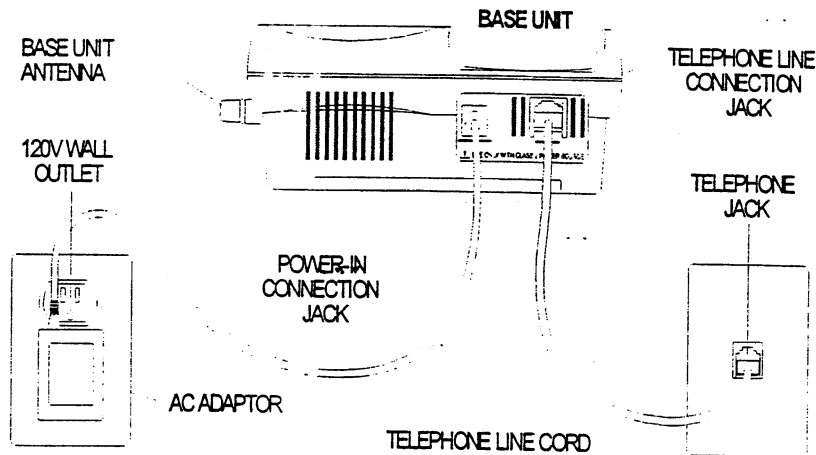
8. Install the BATTERY PACK by plugging it into the BATTERY CONNECTOR inside the BATTERY COMPARTMENT.
9. Place the BATTERY PACK inside the BATTERY COMPARTMENT.
10. Slide the **HANDSET** BATTERY COMPARTMENT COVER firmly into place in its closed position.
11. TONE/PULSE Select Switch:
    A. If your home 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 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 CONNECTOR

BATTERY COMPARTMENT COVER
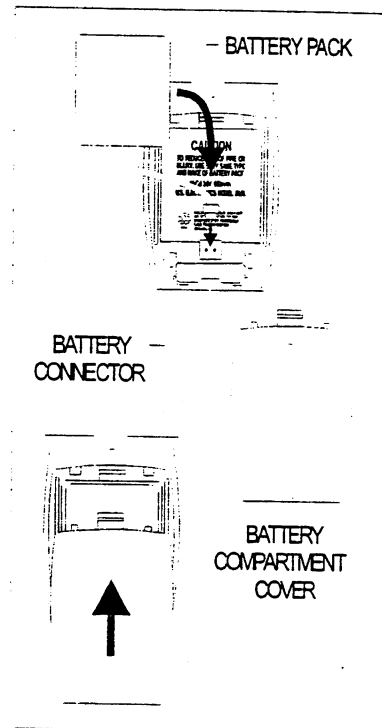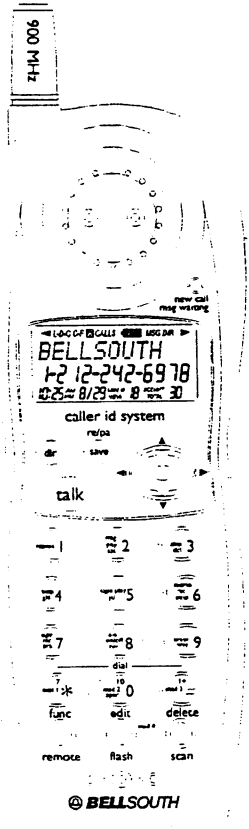
Press the (talk) button to confirm that you have a dial tone. If you do not get a dial tone, review steps 3 through 11. If you still do not have a dial tone, refer to the Problem Solving section on page 44~45.
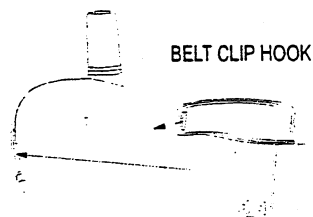
BELT CLIP HOOK

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**.

12. **Before initial use, charge the HANDSET for 12 hours.**
13. **Set the date and time (See page 28 for details).**

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

14

Desk Mounting

One of the special features of your telephone is the unique design of the MOUNTING BRACKET which can hold your phone at an angle of 30° when desk mounting. There are two positions to choose from:

1. NORMAL POSITION (MOUNTING BRACKET not required):

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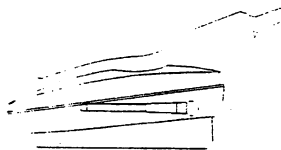
FIGURE 1

2. 30° POSITION (See Figure 2):

    With the back of the **BASE UNIT** facing up, insert the hooks of the MOUNTING BRACKET (following the arrow direction for the DESK MOUNT) into the matching slots of the **BASE UNIT** (as shown in Figure 3). Then slide the MOUNTING BRACKET into place as indicated by the arrow.
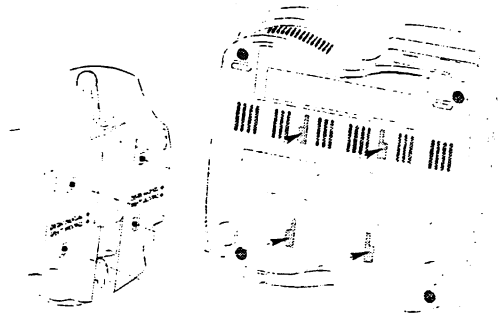
FIGURE 2   FIGURE 3

IMPORTANT

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

15

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 SHORT TELEPHONE LINE CORD through the hole of the MOUNTING BRACKET.

3. Insert the hooks of the MOUNTING BRACKET (following the arrow direction for the WALL MOUNT) into the matching slots of the **BASE UNIT** (as shown below). Then slide the MOUNTING BRACKET into place as indicated by the arrow. Plug the free end of the SHORT TELEPHONE LINE CORD into the MODULAR WALL JACK.

4. Align the upper keyhole on the MOUNTING BRACKET with the upper stud of the wall plate, so that the opening end of the MOUNTING BRACKET matches the lower stud, then pull the **BASE UNIT** down until it is securely seated.

TELEPHONE LINE JACK

SHORT TELEPHONE LINE CORD

MOUNTING BRACKET

BASE UNIT

WALL PLATE STUD

WALL PLATE

16
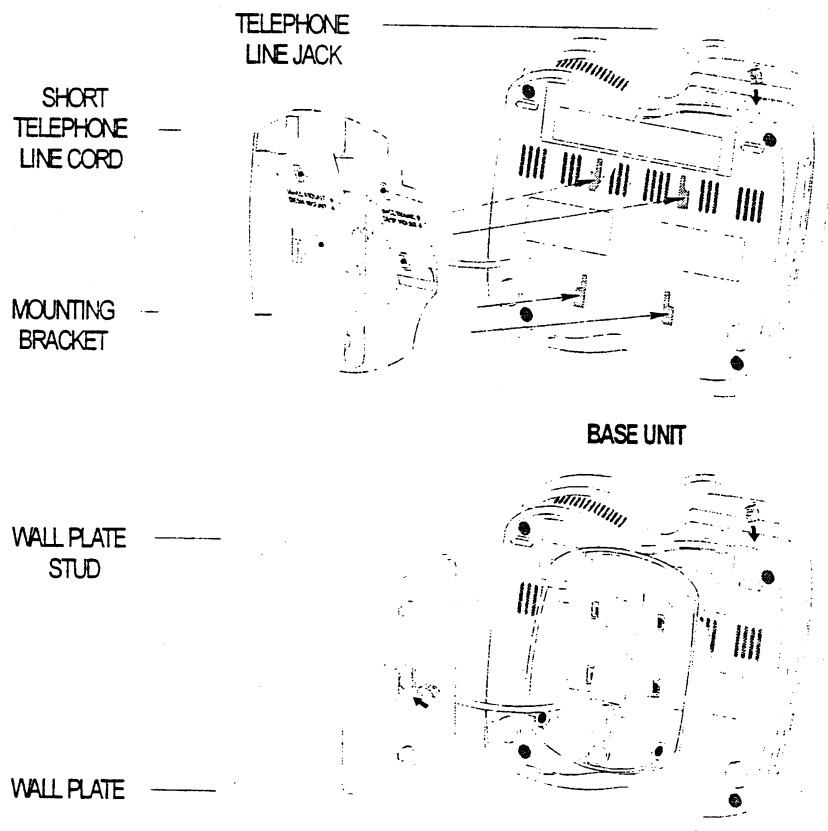
Preparing for Use

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**.
3. **Raise or reposition the BASE UNIT ANTENNA for the best reception.**

Before you can use your cordless telephone, you must charge the HANDSET for 12 hours. Failure to do so will require more frequent charging of the BATTERY PACK. See page 42 for more information on the BATTERY PACK.

Receiving Calls

1. When the phone rings, lift the **HANDSET** and press the (talk) button, the Call Timer starts to count. The **BASE UNIT** IN USE LED indicator will light up and the active channel will be displayed on the LED MESSAGE DISPLAY.

2. Start your conversation.

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 or Channel (Press the (scan) button to display the channel.)

`02 08`

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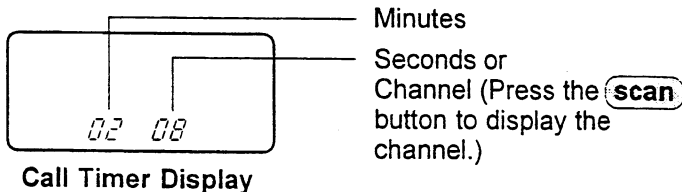
NOTE:
Depending on the frequency of use, once the **HANDSET** is fully charged, it remains functional for approximately 4 hours of continuous use and approximately 5 days when the **HANDSET** is off the **BASE UNIT** in STANDBY mode.

Placing Calls

1. Press the **talk** button, the Call Timer starts to count. The **BASE UNIT** IN USE LED indicator will light up and the active channel will be shown on the LED MESSAGE DISPLAY.

2. Listen for a dial tone.

3. Dial the phone number.

4. When you have finished your call, press the **talk** button again or place the **HANDSET** on the **BASE UNIT**. The **BASE UNIT** IN USE LED indicator will turn off.

OR

1. Dial the phone number.

2. Press and hold down the 7-Digit **(mail 1 *)** or 10-Digit **(mail 2 0)** or 1+ **(mail 3 #)** button. The **BASE UNIT** IN USE LED indicator will light up.

3. When you have finished with your call, press the **talk** button again or place the **HANDSET** on the **BASE UNIT**. The **BASE UNIT** IN USE LED indicator will turn off.
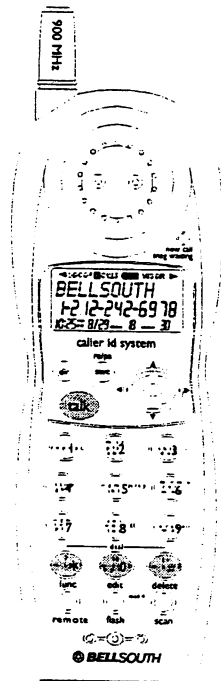
Extension Phones

Extension telephones can be connected. When an extension phone is being used, the **BASE UNIT** IN USE LED indicator will start to blink and "EXT IN-USE" will be displayed on the **HANDSET**. This means that an extension phone is in use. You will have to wait until the line is free to make a call.

NOTE:
If you are too far away from the **BASE UNIT**, the **HANDSET** emits "beep" sound 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.

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

18

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 **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**. The **BASE UNIT IN USE** LED indicator will turn off.
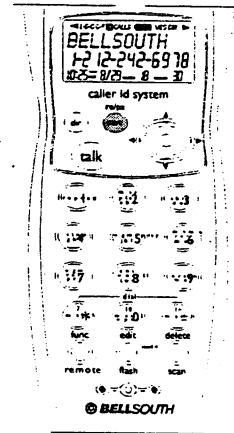
Using the Headset Feature

Your telephone can utilize a headset (not included) to be connected to your **HANDSET** for you to enjoy hands-free communication. Insert the small plug on the end of the headset into the HEADSET JACK at the right side of the **HANDSET**. Follow the procedures discussed in "Receiving Calls" and "Placing Calls" to receive and place a call.

NOTE:
When you plug in 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.

HEADSET

MICROPHONE --

SPEAKER --

HEADSET PLUG (2.5 mm)
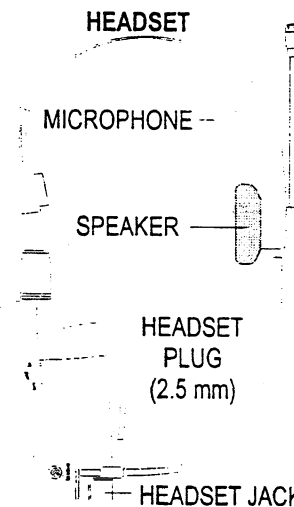
HEADSET JACK

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

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 second ring. Press the SHIFT RIGHT ⊕ button to view a name of more than 11 digits.

```
          ►   ►   ◄
     ALEX BROWN  ←   BROWING
       6045551212  →    6045551212
Time ─── 10:00ᴬ 11/18 ₙₑₓ 1      10:00ᴬ 11/18 ₙₑₓ 1
        ◄
```

Month/Date ─────┘   ─── Number of calls recorded
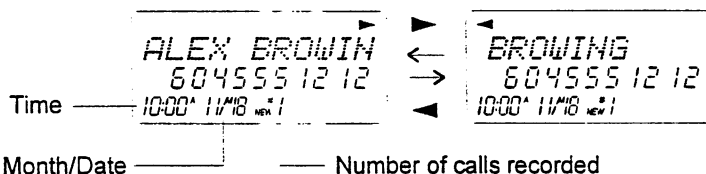
OR

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

OR

"OUT OF AREA" will appear if the origin of the incoming call does not support the Caller ID system.

e.g.
```
OUT OF AREA
U UUU UUU UUUU
10:00ᴬ 11/18 *1 ₜₒₜₐₗ 20
```
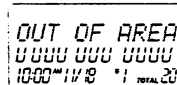
OR

"UNKNOWN" will appear if the origin of the incoming call has no name and does not support the Caller ID system.
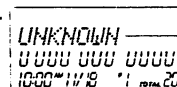
e.g.
```
UNKNOWN ─── Unknown name
U UUU UUU UUUU
10:00ᴬ 11/18 *1 ₜₒₜₐₗ 20   U is Out of Area
```

OR

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

OR

"EXT IN-USE" will appear when an extension phone is being used.

OR

"DATA ERROR" will appear if the wrong data was received from the telephone line.

OR

The name stored in the DIRECTORY will appear for an incoming call with matching telephone numbers.
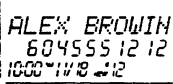
"MSG WAITING" (Message Waiting)

The MSG WAITING GREEN LED indicator will blink 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 MESSAGE WAITING indicator, see page 30 for detail.)

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.

1. When you are having a conversation, this telephone will automatically display the name and number of the second caller.

2. Press the **flash** button to answer the second caller. The first caller's name and number will be displayed.

3. When you have finished, press the **flash** button to continue with your conversation with the first caller.

e.g.
```
ALEX BROWN
604555 12 12
10:00 1/18 12
```
2nd Caller

e.g.
```
ABEL BROWN
228-297-0532
10:00 1/18 12
```
1st Caller

"CALL-FWD" (Forwarded Call)

Appears on the upper left hand side, when the incoming call has been assigned/forwarded to your telephone number and the service is provided by your local telephone company.

"L-D-C" (Long Distance)

Appears on the upper left hand side, when the incoming call is a long distance call and the service is provided by your local telephone company.

Caller List

Records call information for up to 80 incoming calls such as caller's name and telephone number together with the date and time of the call. After recording a new incoming call, the NEW CALL LED indicator will blink and the display will look as shown below:
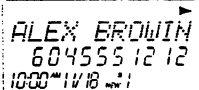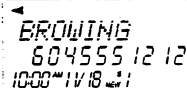
```
RING: HI
10:00 1/18 NEW 20 TOTAL 20
```
No. of new calls.
Maximum calls = 80

Viewing the Caller List

1. Press the SCROLL DOWN ▼ button to view the latest record, or press the SCROLL UP ▲ button to view the first record, press the SHIFT RIGHT ▶ button if the name has more than 11 digits.

```
ALEX BROWN        ←    BROWN
604555 12 12      →    604555 12 12
10:00 1/18 1      ◄    10:00 1/18 1
```

21

2. Press the **dir** button to go back to STANDBY mode.
(If no active buttons are pressed for 10 seconds or you have viewed the last record in the Caller's List, the LCD Screen will automatically return to STANDBY mode.)

Placing a Call from the Caller List

1. Press the SCROLL DOWN **▼** button to select from the latest record, or press the SCROLL UP **▲** button to select from the first record.

2. Press the 7-DIGIT **✱** button for local call, or the 10-DIGIT **0** button for local call with area code, or the 1+ **#** button for a long distance call.

3. To end your conversation, either press the **talk** button or place the HANDSET on the BASE UNIT.

   To place a call from the Caller List in TALK mode, press the **talk** button, then follow steps 1 to 3.

NOTE: You can edit the number before dialing, but you cannot SAVE any changes in the Caller List.

Editing the Caller List before Dialing

1. Press the SCROLL UP **▲** or DOWN **▼** button to find the caller.

2. Press the **edit** button.

3. Move the cursor by pressing the SHIFT LEFT **◄** or RIGHT **►** button to the digit you want to change. To erase digits, press the **del** button. To add digits, use the TELEPHONE KEYPAD (0~9) buttons.

4. Press the 7-DIGIT **✱** button for local call, or the 10-DIGIT **0** button for local call with area code, or the 1+ **#** button for a long distance call.

5. To end your conversation, either press the **talk** button or place the HANDSET on the BASE UNIT.

NOTE: The name of the caller and time called cannot be edited.

Saving the Name and Number in the Caller List into the DIRECTORY

1. Press the SCROLL UP **▲** DOWN **▼** button to find the caller.

2. Press and hold down the **save** button.

NOTE: It is not advisable to save a telephone number without the corresponding name. This will lead to improper display on PRIVATE and OUT OF AREA calls.

Deleting All Records in the Caller List

1. Press and hold down the (del) button at STANDBY mode.

2. The LCD Screen will automatically return to STANDBY mode.

```
| ALL DELETE        |
| 10:00ᴬᴹ11/18 ɴᴇᴡ0  ᴛᴏᴛᴀʟ0 |
```

Selective Deleting in the Caller List

1. Press the SCROLL UP (▲) DOWN (▼) button to find the caller at STANDBY mode.

2. Press and hold down the (del) button, then the LCD Screen will display the next item in the directory.

```
| ALL DELETE        |
| 10:00ᴬᴹ11/18  '2 |
```

3. Press the (dir) button to return to STANDBY mode.

Name and Telephone Number DIRECTORY

This directory 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

1. Press the (dir) button.

```
| DIRECTORY         |
| 10:00ᴬᴹ11/18   ᴛᴏᴛᴀʟ12 |
```
——— No. of memory stored.

2. Press the SCROLL UP (▲) or DOWN (▼) button to find the one you need, press the SHIFT RIGHT (►) button if the name or telephone number is more than 11 digits.

```
| ALEX BROWN    ►      ►  ◄ | BROWING          |
| 604555 1212   ←         | 604555 1212      |
|       '1  ᴛᴏᴛᴀʟ12  ◄    |       '1  ᴛᴏᴛᴀʟ12 |
```

NOTE: To exit the DIRECTORY List at anytime, press the (dir) button.

Speed Viewing the DIRECTORY

1. Press the (dir) button.

2. Enter the first letter of a name. (See page 31 for details of entering a letter.)

3. Press the SCROLL DOWN (▼) button to find all names with the same first letter.

23

Saving in the DIRECTORY

1. Press the (dir) button.
2. Press the (edit) button.
3. Use the TELEPHONE KEYPAD button (0~9) to enter the name, (see page 31 for detail) you can store up to 15 characters.
4. Press the SCROLL DOWN (▼) button once.
5. Enter the telephone number using the TELEPHONE KEYPAD button (0~9). You can store up to 16 digits.
6. Press and hold down the (save) button.
7. Press the (dir) button to go back to STANDBY mode.
   (If no active buttons are pressed for 10 seconds, the LCD Screen will automatically return to STANDBY mode.

NOTE: It will not save a duplicate telephone number or a name without the corresponding telephone number in the DIRECTORY.

PREFERRED CALLS

You can assign PREFERRED CALL which will generate a special ringer sound on the **HANDSET** at the start of the second ring to any welcome caller in the DIRECTORY. When you are saving the name and number into the DIRECTORY, add "#" mark at the beginning of the name by pressing the (mail#) button.

BLOCKED CALLS

You can assign a BLOCKED CALL which will disable the ringer sound on the **HANDSET** from the second ring to any caller in the DIRECTORY. When you are saving the name and number into the DIRECTORY, add "*" mark at the beginning of the name by pressing the (mail*) button.

NOTE:
In the BLOCKED CALL function, the **HANDSET** ringer will be muted from the second ring but the **BASE UNIT** will still ring if the **BASE UNIT** ringer is set to ON.
If you want to fully utilize the PREFERRED CALL and BLOCKED CALL function, turn the **BASE UNIT** ringer to OFF.

24

Editing Name and Number in the DIRECTORY

1. Press the **dir** button.

2. Press the SCROLL UP ⬆ or DOWN ⬇ button to find the record you want to edit.
   e.g.

   ```
   ┌─────────────────┐
   │             ►   │
   │ ALEX BROWN      │
   │ 604555 12 12.   │
   │          "1 TOTAL 12 │
   └─────────────────┘
   ```

3. Press the **edit** button to edit the name.
   e.g.

   ```
   ┌─────────────────┐
   │ ALEX BROWN      │    ▨ cursor is blinking
   │  604555 12 12   │
   │         "1 TOTAL │
   └─────────────────┘
   ```

4. Press the SHIFT LEFT ◄ or RIGHT ► button to move the cursor to the letter or number you want to change.
   To erase, press the (del) button. To add, use the TELEPHONE KEYPAD buttons (0~9). (See page 32 for details.)

5. Press the SCROLL UP ⬆ or DOWN ⬇ button to edit the number.

6. Press the SHIFT LEFT ◄ or RIGHT ► button to move the cursor to the number you want to change.
   To erase, press the (del) button. To add, use the TELEPHONE KEYPAD buttons (0~9). (See page 31 for details.)
   e.g.

   ```
   ┌─────────────────┐
   │ ALEX BROWN      │    — cursor is blinking
   │ 604555 12 12    │
   │         "1 TOTAL 12 │
   └─────────────────┘
   ```

7. Press and hold down the (save) button to confirm.

IMPORTANT: It is not advisable to save a telephone number without the corresponding name in the DIRECTORY. This will lead to improper displays on Private and Out of Area calls.

NOTE: When no active buttons are pressed for 10 seconds, the LCD Screen will automatically return to STANDBY mode.

Editing the Number in the DIRECTORY before Dialing

1. Press the (dir) button.

2. Press the SCROLL UP (▲) or DOWN (▼) button to find the caller.

3. Press the (edit) button to edit the name.

4. Press the SCROLL DOWN (▼) button.
   e.g.
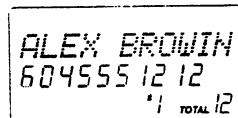
```
ALEX BROWIN
604555 12 12
          '1  TOTAL 12
```
— cursor is blinking

5. Press the SHIFT LEFT (◄) or RIGHT (►) button to move the cursor to the number you want to change.
   To erase, press the (del) button.
   To add, use the TELEPHONE KEYPAD buttons.

6. Press and hold down the 7-DIGIT (★) button for local call, or press and hold down the 10-DIGIT (0) button for local call with area code, or press and hold down the 1+ (#) button for long distance call.

7. To end your conversation, either press the (talk) button or place the HANDSET on the BASE UNIT.

NOTE: If you want to save the edited number in the DIRECTORY, follow steps 1 through 5 and then press and hold down the (save) button.
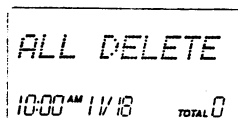
Placing Calls from the DIRECTORY

1. Press the **dir** button.

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

3. Press and hold down the 7-DIGIT **✱** button for local call, or press and hold down the 10-DIGIT **0** button for local call with area code, or press and hold down the 1+ **#** button for long distance call.

4. To end your conversation, either press the **talk** button or place the HANDSET on the BASE UNIT.

Deleting All Records in the DIRECTORY

1. Press the **dir** button.

2. Press and hold down the **del** button at STANDBY mode.

```
ALL DELETE

10:00AM 11/18    TOTAL 0
```

3. Press the **dir** button to return to STANDBY mode.

Selective Deleting in the DIRECTORY

1. Press the **dir** button.

2. Press the SCROLL UP ▲ or DOWN ▼ button to find the one you want to delete.

3. Press and hold down the **del** button, then the LCD Screen will display the next item in the DIRECTORY.

```
DELETE

               #1  TOTAL 12
```
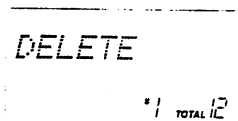
4. Press the **dir** button to return to STANDBY mode.

Function Operation

This unit contains the following special functions:

A. LANGUAGE   F. PBX NUMBER

B. SILENT ON/OFF   G. PBX ON/OFF

C. TIME SET   H. PAUSE TIME

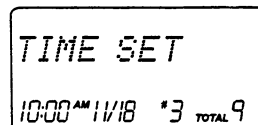D. RINGER VOLUME   I. MSG WAITING

E. LCD CONTRAST

To access, press and hold down the **func** button for 2~3 seconds at STANDBY mode, then press the TELEPHONE KEYPAD (1~9) or the SCROLL UP ▲ or DOWN ▼ button.
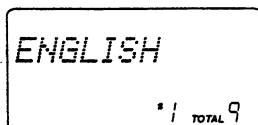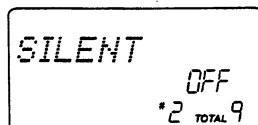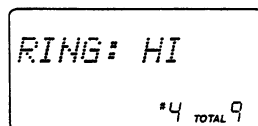
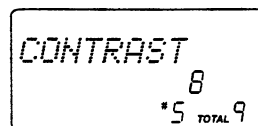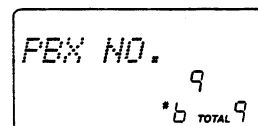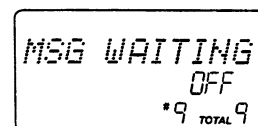|		
ENGLISH *1 TOTAL 9	SILENT OFF *2 TOTAL 9	TIME SET 10:00 AM 11/18 *3 TOTAL 9
KEYPAD Button # 1	**KEYPAD Button # 2**	**KEYPAD Button # 3**
RING: HI *4 TOTAL 9	CONTRAST 8 *5 TOTAL 9	PBX NO. 9 *6 TOTAL 9
KEYPAD Button # 4	**KEYPAD Button # 5**	**KEYPAD Button # 6**
PBX MODE OFF *7 TOTAL 9	PAUSE TIME 2 *8 TOTAL 9	MSG WAITING OFF *9 TOTAL 9
KEYPAD Button # 7	**KEYPAD Button # 8**	**KEYPAD Button # 9**
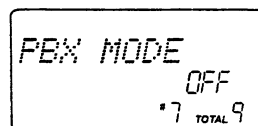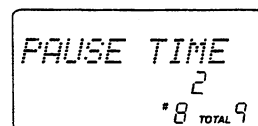
NOTE: If the next command is not entered within 10 seconds after pressing the **func** button, the LCD screen will automatically return to STANDBY mode.

IMPORTANT

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