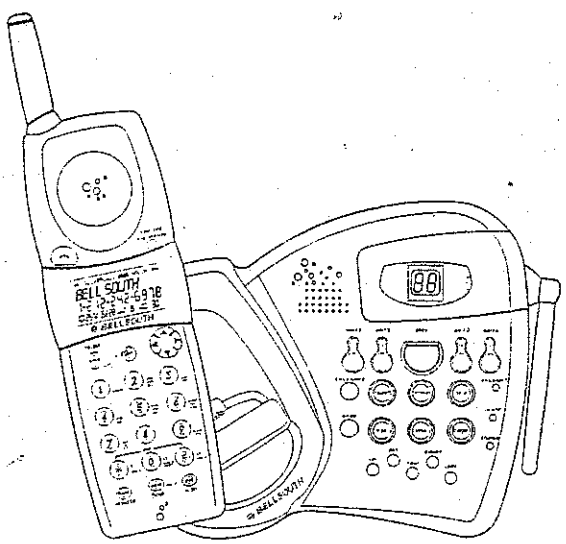
BELLSOUTH

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

50 CHANNEL AUTOSCAN WITH 4 SEPARATE MAILBOXES

Model GH9484

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.

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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/del) 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 43).

Special Services - Use the (flash/redial) 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 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 - 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 LCD Screen 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 LCD Screen 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 to 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-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 a new message is recorded.

Call Screening - The ability to intercept a call when the unit is recording an incoming message (ICM).

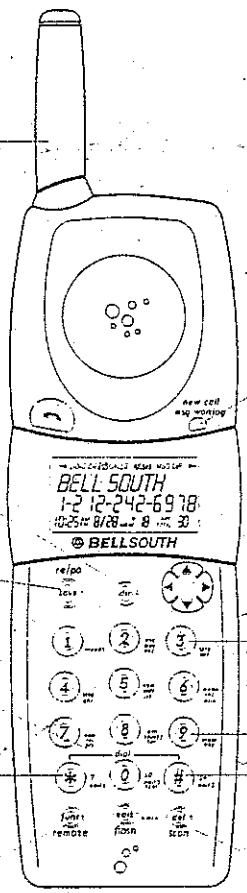
Mailboxes - Allows four separate individuals to receive their own incoming messages.

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.

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

HANDSET Controls



HANDSET ANTENNA
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LARGE LCD SCREEN
Pg. 6

DIRECTORY BUTTON
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REDIAL/PAUSE/SAVE BUTTON Pg. 6, 19, 22, 24~26, 29~31

0/10 DIAL/MAIL 2/ OPER BUTTON Pg. 7, 18, 22, 26, 27

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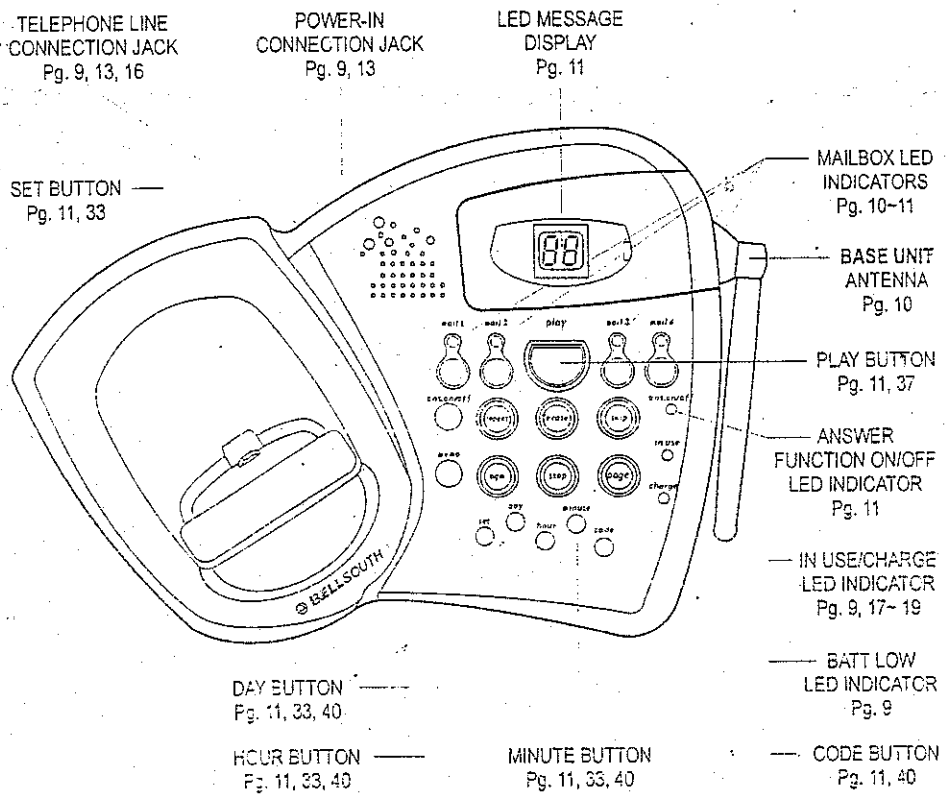
CHARGE CONTACTS
Pg. 7

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

BASE UNIT Controls



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IMPORTANT SAFETY INSTRUCTIONS

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the telephone.
3. 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 phone 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:

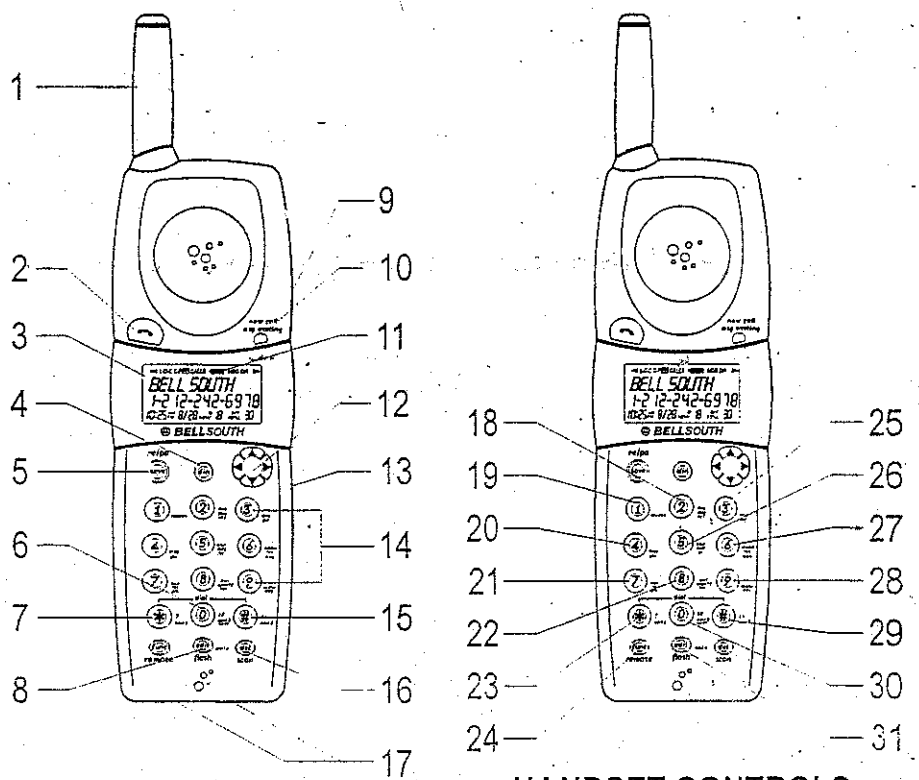
Danger of explosion if BATTERY PACK is incorrectly replaced. Replace only with the same or equivalent type. To reduce the risk of fire or personal injury, read and follow these instructions:

1. Use only the following type and size of BATTERY PACK:
   Cordless Telephone BATTERY PACK
   3.6V, 600mAh
   U.S. Electronics Inc.
   Ni-Cd BATTERY PACK: model B650
   (See page 43 for ordering information.)
2. Do not dispose of the BATTERY PACK in a fire. It 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 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



HANDSET CONTROLS
Answering System

HANDSET Controls

1. **HANDSET ANTENNA**
2. **TALK talk Button:** Press to answer an incoming call or to place a call. Press to end a call.
3. **Large LCD Screen:** Shows call information, phone status, prompts and directory items.
4. **DIR (DIRECTORY) dir Button:** Press to access names and numbers stored in the DIRECTORY. (See page 22 to 27 for details.)
5. **SAVE/RE (REDIAL)/PA (PAUSE) re/pa save 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 save button to dial numbers which use an alternative Long Distance Access Code.)

HANDSET Controls

6. **10-DIGIT/0 (0) Button:** (10-DIGIT) Press and hold down to place a local call with Area Code.
7. **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.)
8. **FLASH/EDIT Button:** (FLASH) Press to answer a call if you have Call Waiting. (EDIT) Press to edit listed items.
9. **HANDSET Volume Control (hi, mid, low) Switch:** Select the receiver volume level (HI, MID, LOW).
10. **NEW CALL/MSG (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.)
11. **BATT LOW Symbol:** Appears on the LCD Screen when the battery charge is low. (See page 43 for detail.)
12. **SCROLL UP (▲)-DOWN (▼), SHIFT LEFT (◄)-RIGHT (►) Button:** Press to move 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 32.)
15. **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.)
16. **SCAN/DEL (DELETE) (scan/del) Button:** (SCAN) Press to change the operating channel when you hear interference. (DELETE) Press and hold down to delete items or individual characters.
17. **CHARGE CONTACTS:** For charging the BATTERY PACK inside the HANDSET. We recommend cleaning the CHARGE CONTACTS periodically with a damp cloth.

IMPORTANT

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

HANDSET Controls

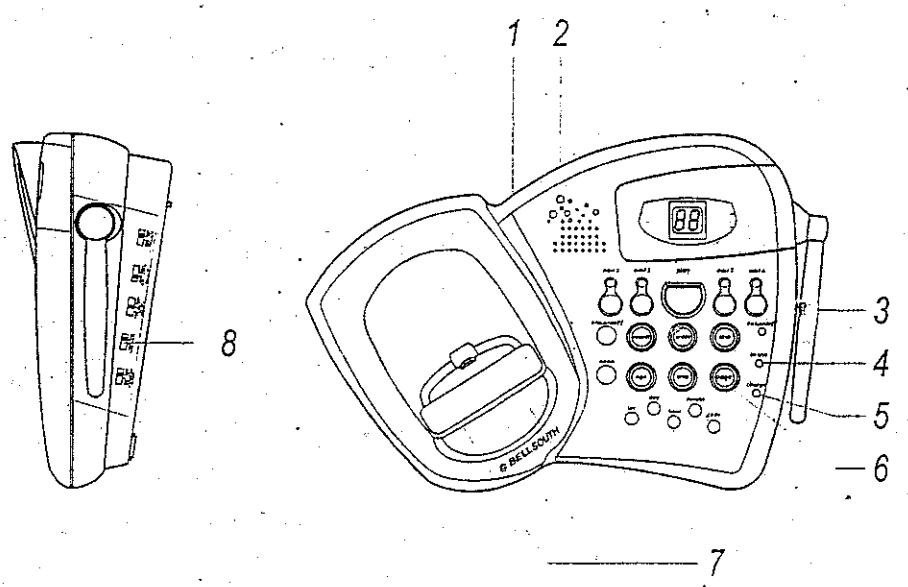
HANDSET Controls - Answering System

18. MSG (MESSAGE) PLAY /"2" (2) **Button:** Press to play messages.
19. REPEAT/"1" (1) **Button:** Press to repeat the message being played or a previous message.
20. STOP/"4" (4) **Button:** Press to stop current activity.
21. OGM REC (OUTGOING MESSAGES RECORD)/"7" (7) **Button:** Press to record your OGM.
22. (ANS)ANSWER ON/OFF/"8" (8) **Button:** Press to activate or deactivate the answer function.
23. MAIL (MAILBOX) 1/"*" (*) **Button:** Press to activate functions for MAILBOX 1.
24. RMT (REMOTE)/FUNC (FUNCTION) (rmt/func) **Button:** (REMOTE) Press to activate remote control. (FUNCTION) Press and hold down to access special function operations in STANDBY mode. (For special functions see page 28.)
25. SKIP/"3" (3) **Button:** Press to skip to the next message.
26. OGM (OUTGOING MESSAGES) PLAY/"5" (5) **Button:** Press to play your OGM.
27. MEMO REC (RECORD)/"6" (6) **Button:** Press to record memo messages.
28. ERASE/"9" (9) **Button:** Press to erase messages.
29. MAIL (MAILBOX) 3/"#" (#) **Button:** Press to activate functions for MAILBOX 3.
30. MAIL (MAILBOX) 2/"0" (0) **Button:** Press to activate functions for MAILBOX 2.
31. MAIL (MAILBOX) 4 (mail 4 flash/exit) **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.

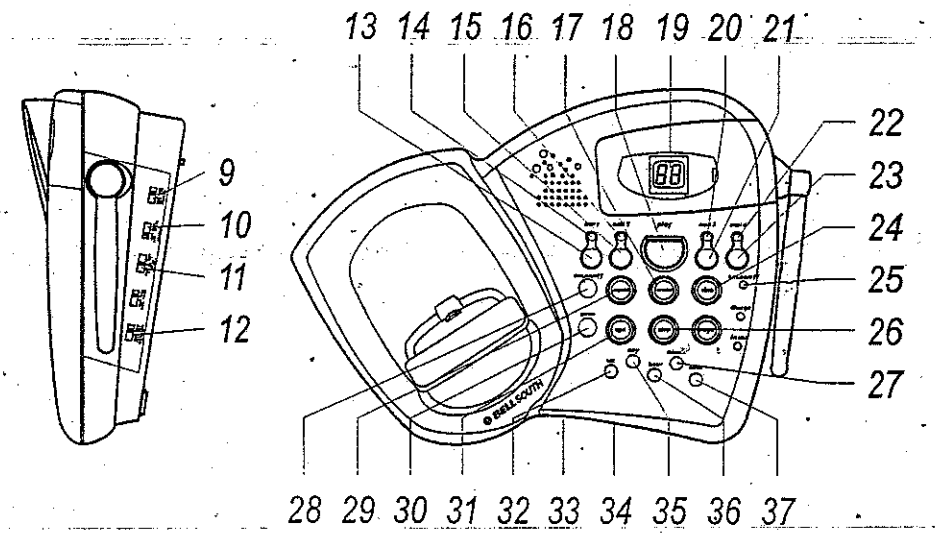
BASE UNIT Controls



BASE UNIT Controls

1. TELEPHONE LINE CONNECTION JACK
2. POWER-IN CONNECTION JACK
3. ANTENNA: Raise or reposition for the best reception.
4. CHARGE LED Indicator: Lights up when the HANDSET is placed on the BASE UNIT for charging.
5. IN USE LED Indicator: Lights up to indicate that the HANDSET is in TALK mode or blinks to indicate an extension phone is in use.
6. PAGE (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

BASE UNIT Controls



BASE UNIT Controls - Answering System

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

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

11. **MESSAGE ALERT:** Set switch to ON to generate a "beep" sound every 15 seconds when new message has been received.

12. **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.

13. **MAILBOX 1 mail 1 Button:** Press to activate functions for MAILBOX 1.

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

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

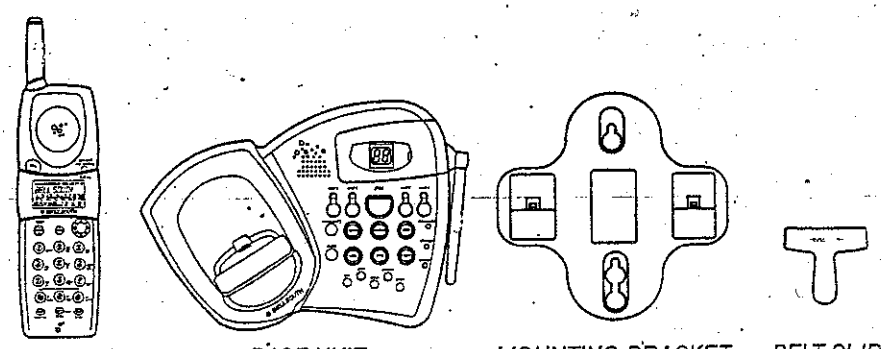
BASE UNIT Controls

17. **ERASE** (erase) **Button:** Press to erase messages.
18. **PLAY** (play) **Button:** Press to play messages.
19. **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
    Channel Display - Shows the channel on which the telephone is locked.
20. **MAIL (MAILBOX) 3 LED Indicator:** Lights to indicate the presence of message(s) and blinks to indicate MAILBOX 3 is active and ready to operate.
21. **MAILBOX 3** (mail 3) **Button:** Press to activate functions for MAILBOX 3.
22. **MAIL (MAILBOX) 4 LED Indicator:** Lights to indicate the presence of message(s) and blinks to indicate MAILBOX 4 is active and ready to operate.
23. **MAILBOX 4** (mail 4) **Button:** Press to activate functions for MAILBOX 4.
24. **SKIP** (skip) **Button:** Press to skip messages.
25. **ANS. (ANSWER) FUNCTION ON/OFF LED Indicator:** Lights when the answer function is turned ON.
26. **STOP** (stop) **Button:** Press to stop playing a message.
27. **MINUTE** (minute) **Button:** Press to set minute during time setting, or press to set the third digit of the access code during code setting.
28. **ANS. (ANSWER) FUNCTION ON/OFF** (ans. on/off) **Button:** Press to activate or deactivate the answer function.
29. **REPEAT** (repeat) **Button:** Press to repeat messages.
30. **MEMO** (memo) **Button:** Press and hold down to record memo messages.
31. **OUTGOING MESSAGE** (ogm) **Button:** Press and hold down to record OGM messages.
32. **SET** (set) **Button:** Press to set/check the day and time.
33. **RESET Button:** Press to reset the system and clear all recordings.
34. **BASE UNIT Volume Control Slide Switch:** Used to adjust the speaker volume level of the **BASE UNIT.**
35. **DAY** (day) **Button:** Press to set the day during time setting, or press to set the first digit of the access code during code setting.
36. **HOUR** (hour) **Button:** Press to set the hour during time setting, or press to set the second digit of the access code during code setting.
37. **CODE** (code) **Button:** Press to set the 3-digit Remote Access Code for remote operation.

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.

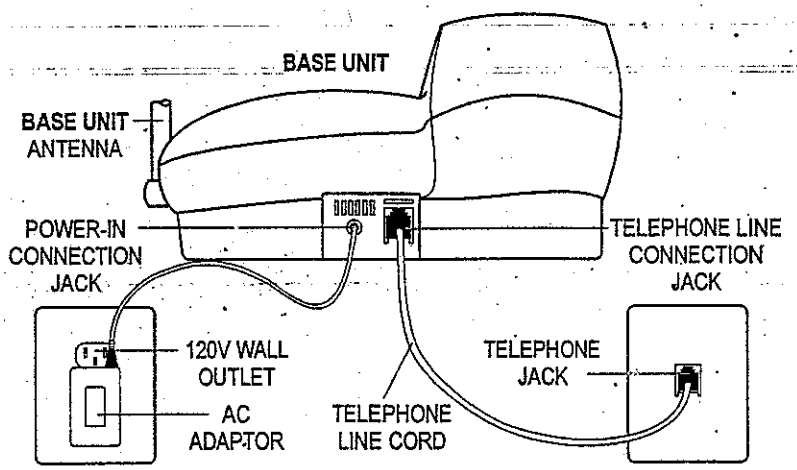
1. Carefully remove your cordless telephone from its shipping carton. If there is any visible damage, do not attempt to operate this equipment. Return it to the place of purchase.
2. Check to be sure you have all items that come with this cordless telephone system. You should have a **HANDSET**, **BASE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



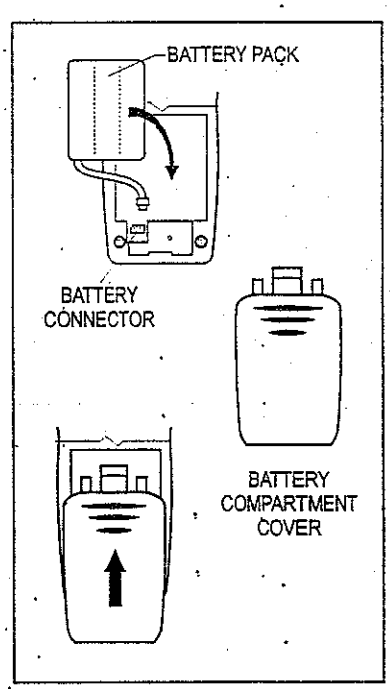
HANDSET *BASE UNIT* *MOUNTING BRACKET* *BELT CLIP*

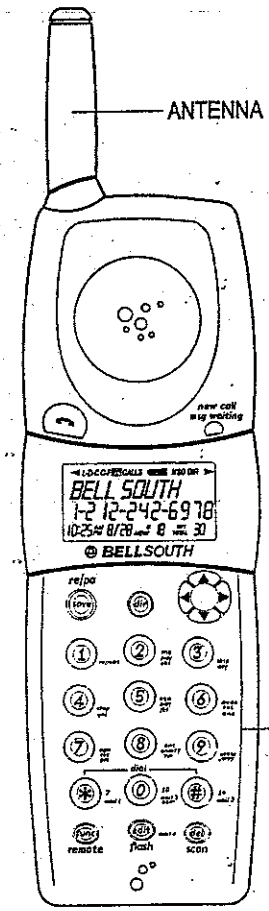
TELEPHONE LINE CORD *SHORT TELEPHONE LINE CORD* *AC ADAPTOR*

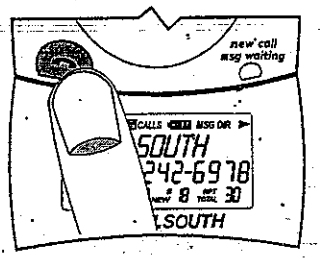
3. Insert the small plug on the end of the AC ADAPTOR into the POWER-IN CONNECTION JACK at the back of the **BASE UNIT.**
4. Plug the AC ADAPTOR into a 120V AC wall outlet.
   ⚠ **USE ONLY WITH CLASS 2 POWER SOURCE 9V AC, 500mA.**
5. Insert one plug of the TELEPHONE LINE CORD into the house TELEPHONE 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.



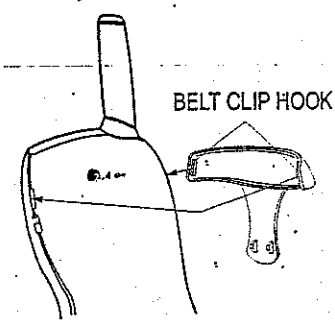
8. Install the **HANDSET** BATTERY PACK by plugging it into the BATTERY CONNECTOR inside the BATTERY COMPARTMENT.
9. Place the BATTERY PACK inside the BATTERY COMPARTMENT.
10. Slide the **HANDSET** BATTERY COMPARTMENT COVER firmly into place in its closed position.
11. **IMPORTANT: Before initial use, charge the HANDSET for 12 hours.**
12. 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.







Press the **talk** button to confirm that you have a dial tone. If you do not get a dial tone, review steps 3 through 12. If you still do not have a dial tone, refer to the Problem Solving section on pages 45~46.



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**.

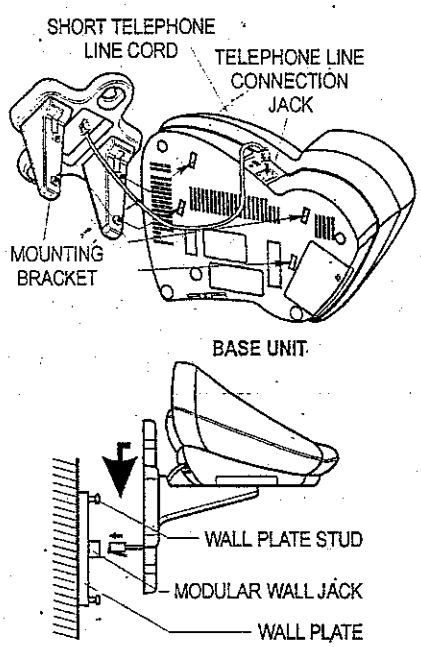
13. Press the **RESET** button on the **BASE UNIT** to initialize.
14. Set the date and time on the **HANDSET**. (See page 29 for details.)
15. Set the date and time on the **BASE UNIT** by following the clock setting on the **HANDSET**. (See page 33 for details.)

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

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.



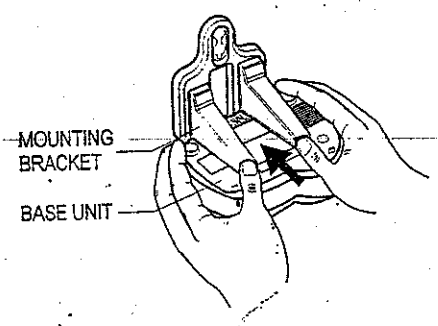
Detaching the Wall Mounting

Detaching the MOUNTING BRACKET

If later you choose to place the **BASE UNIT** of your cordless telephone on a desktop, follow these steps to unlock the MOUNTING BRACKET from your **BASE UNIT**.

1. With the bottom of the **BASE UNIT** facing up, move your left and right thumb to the ends of the MOUNTING BRACKET ARM as shown.

2. Push the MOUNTING BRACKET ARM following the arrow direction as engraved on the bottom of the **BASE UNIT** to detach the MOUNTING BRACKET.



Cordless Telephone Operation

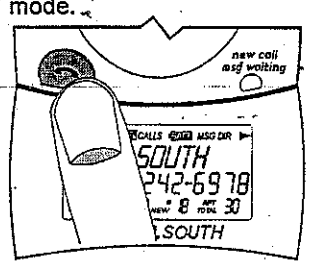
Preparing for Use

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 43 for more information on the BATTERY PACK.

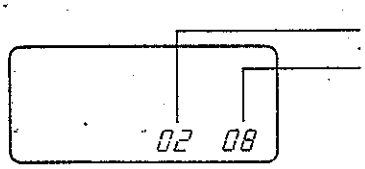
NOTE:
Depending on the frequency of use, once the **HANDSET** is fully charged, it remains functional for approximately 4 hours of continuous use and approximately 5 days when the **HANDSET** is off the **BASE UNIT** in STANDBY mode.



Receiving Calls

1. When the phone rings, 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 shown 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/del button to display the channel.)

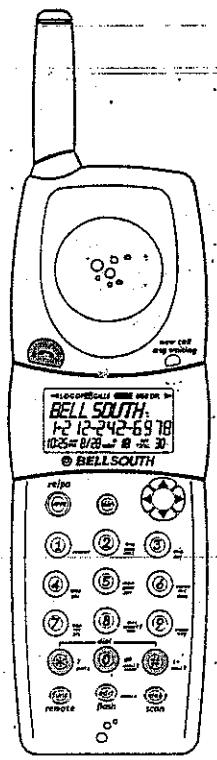
Call Timer Display

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.

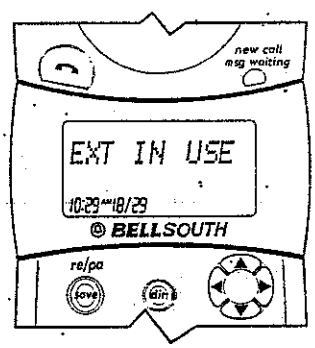
OR

1. Dial the phone number.
2. Press and hold down the 7-Digit or 10-Digit or 1+ 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

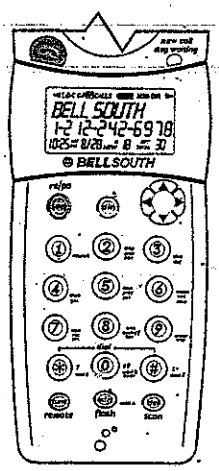
Extension telephones can be connected. When an extension phone is being used, the **BASE UNIT** IN USE LED indicator will start to blink and "EXT IN-USE" will be displayed on the **HANDSET** LCD Screen. This means that an extension phone is in use. You will have to wait until the line is free to make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



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

Cordless Telephone Operation

Redial Feature



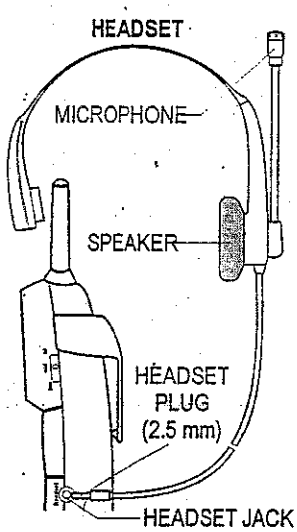
1. If you get a busy tone, press the talk button or place the **HANDSET** on the **BASE UNIT** to hang up.
2. Later, press the talk button again.
3. Listen for a dial tone.
4. Press the redial/pause button. This will automatically redial the last telephone number you called.
5. When you have finished 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 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.

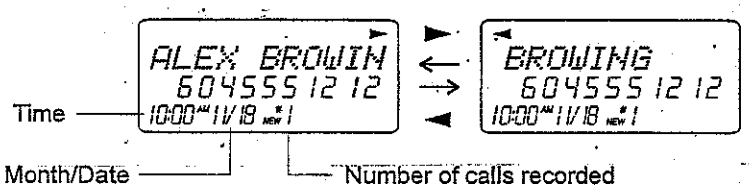
Caller ID System

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.



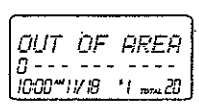
OR

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.

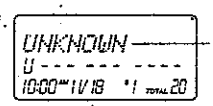
e.g.



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 name

U is Out of Area

OR

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

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 31 for detail.)

Caller ID System Operation

Call Waiting

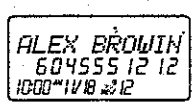
When you subscribe to Call Waiting service from your local telephone company, this telephone will display the name and number of the second caller while you are having a conversation.

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.

1st Caller

e.g.



2nd Caller

"C-F" (Forwarded Call)

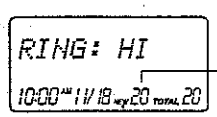
Appears on the upper left hand side, when the incoming call has been assigned/ forwarded to your telephone number and the service is provided by your local telephone company.

"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

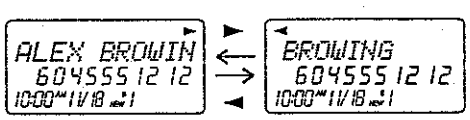
Records call information for up to 80 incoming calls such as caller's name and telephone number together with the date and time of the call. After recording a new incoming call, the NEW CALL LED indicator will blink and the display will look as shown below:



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.



Viewing the Caller List (continued)

2. Press the dir button to return 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 and hold down the 7-DIGIT button for a local call, or the 10-DIGIT button for a 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 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 scan/del button. To add digits, use the TELEPHONE KEYPAD 0 ~ 9 buttons.
4. Press and hold down the 7-DIGIT button for a local call, or the 10-DIGIT button for a 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 or DOWN button to find the caller.
2. Press and hold down the save button.

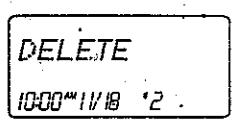
NOTE: It is not advisable to save a telephone number without the corresponding name. This will lead to improper display on PRIVATE and OUT OF AREA calls.

Deleting All Records in the Caller List

1. Press and hold down the scan/del button at STANDBY mode.
2. The LCD Screen will automatically return to STANDBY mode.

Selective Deleting in the Caller List

1. Press the SCROLL UP or DOWN button to find the caller at STANDBY mode.
2. Press and hold down the scan/del button, then the LCD Screen will display the next item in the directory.
3. Press the dir button to return to STANDBY mode.

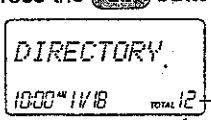


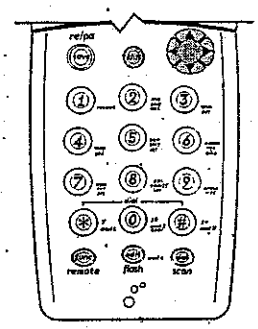
Name and Telephone Number DIRECTORY

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.

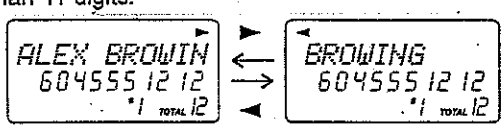
Viewing the Directory

1. Press the dir button:





2. Press the SCROLL UP or DOWN button to find the record you need, press the SHIFT RIGHT button if the name or telephone number is more than 11 digits.

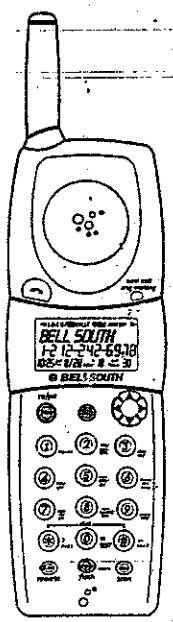


NOTE: To exit the DIRECTORY List at anytime, press the dir button.

Speed Viewing the DIRECTORY

1. Press the dir button.
2. Enter the first letter of a name. (See page 32 for details of entering a letter.)
3. Press the SCROLL DOWN button to find all names with the same first letter.

Saving in the DIRECTORY



1. Press the dir button.
2. Press the button.
3. Use the TELEPHONE KEYPAD 0 ~ 9 buttons to enter the name, (see page 32 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 0 ~ 9 buttons. You can store up to 16 digits.
6. Press and hold down the rep/save button.
7. Press the dir button to return 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 a 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 a "#" symbol at the beginning of the name by pressing the # button.

BLOCKED CALLS

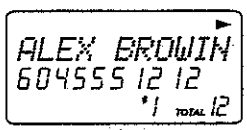
You can assign a BLOCKED CALL which will disable the ringer sound on the **HANDSET** from the second ring to any caller in the DIRECTORY. When you are saving the name and number into the DIRECTORY, add an "*" symbol at the beginning of the name by pressing the * button.

NOTE:

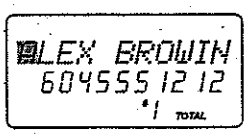
In the BLOCKED CALL function, the **BASE UNIT** will still ring if the **BASE UNIT** ringer is set to ON and the Answering System will answer and/or record ICMs depending on the ANNC/ICM Select Switch setting.

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.

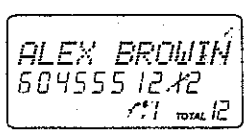


3. Press the button to edit the name.
   e.g.



■ cursor is blinking

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 scan/del button. To add, use the TELEPHONE KEYPAD 0~9 buttons. (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 scan/del button. To add, use the TELEPHONE KEYPAD 0~9 buttons. (See page 32 for details.)
   e.g.



– cursor is blinking

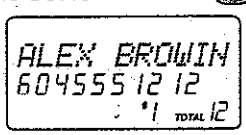
7. Press and hold down the repeat/save button to confirm.

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 button to edit the name.
4. Press the SCROLL DOWN button.
   e.g.



— 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 scan/del button.
   To add, use the TELEPHONE KEYPAD 0 ~ 9 buttons.
6. Press and hold down the 7-DIGIT button for a local call, or press and hold down the 10-DIGIT 0 button for a local call with an area code, or press and hold down the 1+ # button for a long distance call.
7. To end your conversation, either press the talk button or place the **HANDSET** on the **BASE UNIT**.

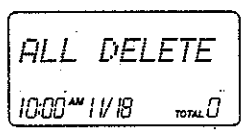
NOTE: If you want to save the edited number in the DIRECTORY, follow steps 1 through 5 and then press and hold down the redial/pause/save button.

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 a local call, or press and hold down the 10-DIGIT 0 button for a local call with an area code, or press and hold down the 1+ # button for a 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

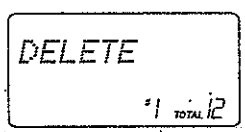
1. Press the dir button.
2. Press and hold down the scan/del button at STANDBY mode.



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 item you want to delete.
3. Press and hold down the scan/del button, then the LCD Screen will display the next item in the DIRECTORY.



4. Press the dir button to return to STANDBY mode.

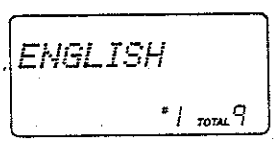
Caller ID System Operation

Function Operation

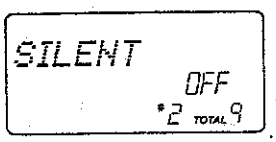
This unit contains the following special functions:

A. LANGUAGE
B. SILENT ON/OFF
C. TIME SET
D. RINGER VOLUME
E. LCD CONTRAST
F. PBX NUMBER
G. PBX ON/OFF
H. PAUSE TIME
I. MSG WAITING

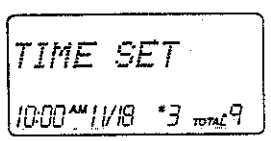
To access, press and hold down the rmt/func button for 2~3 seconds at STANDBY mode, then press the TELEPHONE KEYPAD 1 ~ 9 buttons or the SCROLL DOWN button.



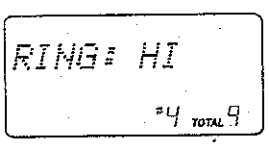
KEYPAD 1 Button



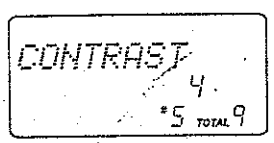
KEYPAD 2 Button



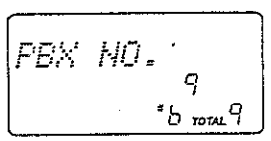
KEYPAD 3 Button



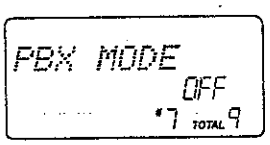
KEYPAD 4 Button



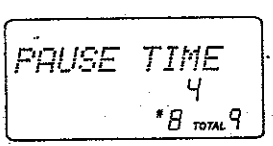
KEYPAD 5 Button



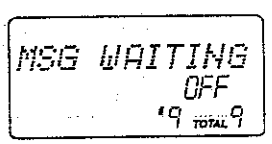
KEYPAD 6 Button



KEYPAD 7 Button



KEYPAD 8 Button



KEYPAD 9 Button

NOTE: If the next command is not entered within 10 seconds after pressing the rmt/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.

Caller ID System Operation

A. LANGUAGE

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

1. Press and hold down the rmt/func button.
2. Press the TELEPHONE KEYPAD 1 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button to select the language you desire. English is the preset language.
5. Press and hold down the re/pa save button.
6. Press and hold down the rmt/func button to return to STANDBY mode.

B. SILENT ON/OFF

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

1. Press and hold down the rmt/func button.
2. Press the TELEPHONE KEYPAD 2 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button. SILENT OFF is the preset mode.
5. Press and hold down the re/pa save button.
6. Press and hold down the rmt/func button to return to STANDBY mode.

NOTE: The **BASE UNIT** will still ring if the **BASE UNIT** ringer is set to ON and the Answering System will answer and/or record ICMs depending on the ANNC/ ICM Select Switch setting.

C. TIME SET

Set the date and time.

1. Press and hold down the rmt/func button.
2. Press the TELEPHONE KEYPAD 3 button.
3. Press the button.
4. Use the TELEPHONE KEYPAD button to enter the month, date, hour and minute. The cursor moves automatically after entering each item. Press the TELEPHONE KEYPAD 1 button for AM setting, or press TELEPHONE KEYPAD 2 button for PM setting.
5. Press and hold down the rmt/func button to return to STANDBY mode.

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

D. RINGER VOLUME

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

1. Press and hold down the rmv/func button.
2. Press the TELEPHONE KEYPAD 4 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button to adjust the ringer volume suitable for your convenience. (HI is the preset ringer volume.)
5. Press and hold down the re/pa save button.
6. Press and hold down the rmv/func button to return to STANDBY mode.

E. LCD CONTRAST

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

1. Press and hold down the rmv/func button.
2. Press the TELEPHONE KEYPAD 5 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button to adjust the brightness of the LCD Screen. Level 4 is the preset brightness.
5. Press and hold down the re/pa save button.
6. Press and hold down the rmv/func button to return to STANDBY mode.

F. PBX NUMBER

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

1. Press and hold down the rmv/func button.
2. Press the TELEPHONE KEYPAD 6 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button. (9 is the preset PBX number.)
5. Press and hold down the re/pa save button.
6. Press and hold down the rmv/func button to return to STANDBY mode.

G. PBX MODE

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

1. Press and hold down the rmt/func button.
2. Press the TELEPHONE KEYPAD 7 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button.
   PBX MODE OFF - Set for direct line access. The preset PBX mode is OFF.
   PBX MODE ON - When connected to a switchboard system.
5. Press and hold down the button.
6. Press and hold down the rmt/func button to return to STANDBY mode.

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

H. PAUSE TIME

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

1. Press and hold down the rmt/func button.
2. Press the TELEPHONE KEYPAD 8 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button to adjust the pausing time. The preset pause time is 4 seconds.
5. Press and hold down the button.
6. Press and hold down the rmt/func button to return to STANDBY mode.

I. MSG Waiting (Message Waiting)

To turn off the Message Waiting LCD indicator.

1. Press and hold down the rmt/func button.
2. Press the TELEPHONE KEYPAD 9 button.
3. Press the button.
4. Press the SCROLL UP or DOWN button.
5. Press and hold down the button.
6. Press and hold down the rmt/func button to return to STANDBY mode.

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

TELEPHONE KEYPAD Characters

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

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

For example, if you want to enter the character "C", press the TELEPHONE KEYPAD 2 button, the first character displayed will be "A". Press the TELEPHONE KEYPAD 2 button again to display "B", and press it again to display the letter "C".
To enter the next character, press the appropriate button. If, however, the next character is on the same button as the previous character, you will first need to press the SHIFT RIGHT button. Pressing the SHIFT RIGHT button a second time will produce a space. If you want to change any character, you can go back to the incorrect character by pressing the SHIFT LEFT button. To delete the character inside the cursor "▮", press the scan/del button.