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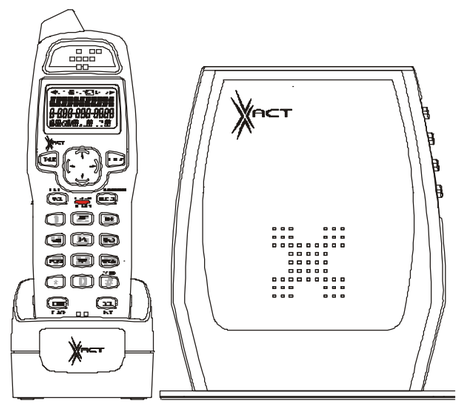
# Multi-HANDSET, Multi-BASE UNIT 2.4GHz Digital Spread Spectrum Technology CORDLESS ALL DIGITAL ANSWERING SYSTEM WITH CALLER ID/CALL WAITING

## 77 CHANNEL AUTOHOP

## Model XG2801

**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 6 or your separate Quick Start guide.***

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**www.uselectronics.info**

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## Special Features

Congratulations on your selection of a quality **XACT Product**. With proper care and adherence to the set-up and user instructions in this Owner's Manual, this unit will provide you with years of trouble-free service.

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

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

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

**Digital Spread Spectrum Technology** - Utilizes a "wider frequency band" for a more secure conversation with a clarity of digital sound, extended range, and minimal interference from other cordless telephones.

**77 Channel Auto-hop** - When interference is received, the telephone automatically hops to the clearest channel.

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

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

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

**Security** - Ensures greater privacy because of a built-in security code with 4,000,000 possible combinations that prevents use of your telephone line by another nearby cordless phone.

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

**STANDBY Mode** - When in STANDBY mode (ON-HOOK), the 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** - Recharge your BATTERY PACK many times with the built-in CHARGER. 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.

**Luminous LCD Screen** - The LCD Screen emits light for 5 seconds everytime you press any of the TELEPHONE KEYPAD buttons.

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

**HANDSET Ringer Melody** - Select the desired ringer melody from the 10 available melodies.

**HANDSET Volume Control** - Press the VOL **/MENU** button and then select the desired receiver volume setting from Low, Medium, High, or Maximum.

**Alarm Clock** - The telephone emits a distinctive sound when the ALARM CLOCK function is activated (See page 27).

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

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

## Special Features

### *CALLER ID SYSTEM*

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

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

**Caller List** - Available with Caller ID service. Stores up to 50 calls to keep track of everyone who called. The name, phone number, time and date of the call are recorded. Allows you to return their calls with a few key strokes.

**Outgoing Call Memory** - The telephone stores the last 8 OUTGOING CALLS to keep track of everyone you called. The phone number, time, date, and the duration of the call are recorded. Allows you to call them again with a single key stroke.

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

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

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

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

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

**Call Waiting Service** - Displays the name and number of the second caller, if you have subscribed to Call Waiting service from your local telephone company (see page 14.)

### *MULTI-HANDSET, MULTI-BASE UNIT SYSTEM*

**Multi-HANDSET** - Registers a total of **9 HANDSETS** into the operating system.

**Multi-BASE UNIT** - The user can have the option to add another **BASE UNIT**. The system supports **2 BASE UNITS** connected to separate telephone lines. Once registered, the **HANDSETS** can link to either of the **BASE UNITS** to make and/or receive a call.

**Automatic Linking** - All **9 HANDSETS** can register to the two **BASE UNITS (B1, B2)**. When the **FIRST BASE UNIT (B1)** is already engaged, the other **HANDSETS** can automatically link to the **SECOND BASE UNIT (B2)** by pressing the TALK button.

**Intercom Call** - A **HANDSET** can make an INTERCOM call to the other **HANDSETS** in the system.

**Call Transfer** - During a telephone conversation, the call can be transferrred from one **HANDSET** to another **HANDSET**.

**Extension Phone Detection** - When one **HANDSET** is connected to a **BASE UNIT**, the LCD Screen of the other **HANDSETS** that are linked to the same **BASE UNIT** will display "Ext in use."

## Special Features

### ANSWERING SYSTEM FEATURES

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

**Digital Memory** - Allows recording of memos and messages.

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

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

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

**Message Alert** - The ability to generate a sound signal when new messages are recorded.

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

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

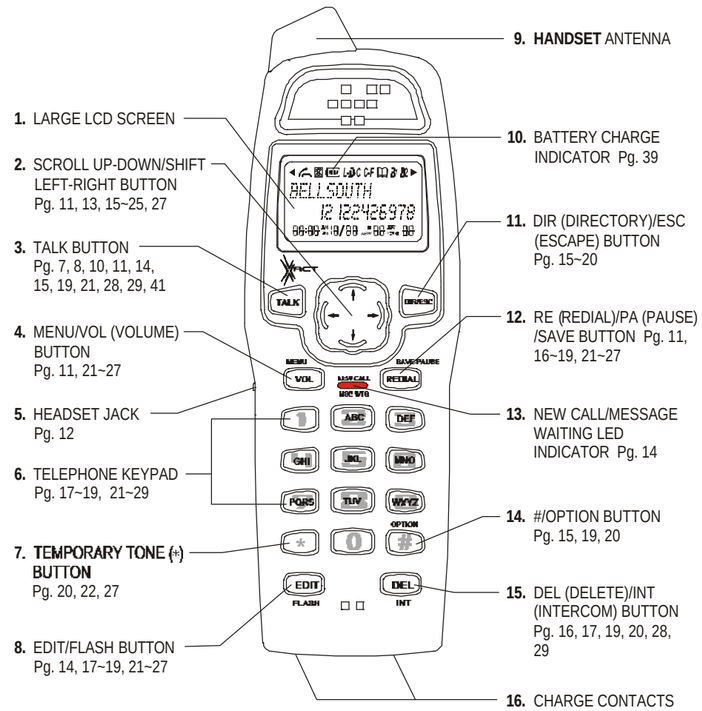
**Auto Disconnection** - Will automatically stop answering when the **HANDSET** of any phone on the same line goes OFF-HOOK.

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

### SPEAKERPHONE FEATURE

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

## HANDSET Controls



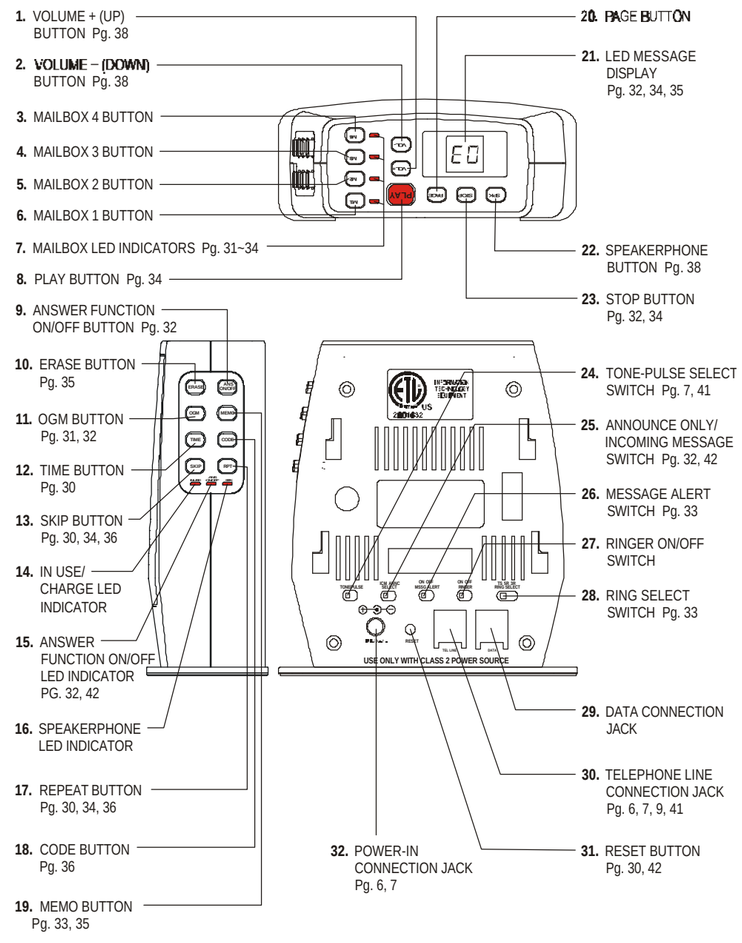

***HANDSET Controls***

1. **Large LCD Screen:** Shows call information, phone status, prompts, and DIRECTORY (PHONE BOOK) items.
2. **SCROLL UP-DOWN, SHIFT LEFT-RIGHT Button:** Press to move around the large LCD Screen.
3. **TALK Button:** Press to answer an incoming call or to place a call. Press to end a call.

## HANDSET Controls

4. **VOL /MENU Button:** (VOLUME) During TALK mode, press to adjust the receiver volume to a comfortable listening level. (MENU) Press to access the special functions operation in STANDBY mode. (For special functions see pages 21~27.)
5. **HEADSET JACK:** For connecting your headset plug to enjoy hands-free communication. (See page 12 for detail.)
6. **TELEPHONE KEYPAD 1 to 0 Buttons**: Allows you to make a call depending on pressed button. (For TELEPHONE KEYPAD characters, see page 18.)
7. **TEMPORARY TONE * Button:** Press to temporarily change the DIALING mode from PULSE to TONE for Rotary Service Users. (Press once before entering numbers to access the answering system or electronic banking services, etc.)
8. **EDIT/FLASH Button:** (EDIT) Press to edit listed items. (FLASH) Press to answer a call if you have Call Waiting.
9. **HANDSET ANTENNA**
10. **NEW CALL/MSG WTG (MESSAGE WAITING) LED Indicator:** (NEW CALL) Blinks RED to indicate that you have a new Caller ID call stored in memory. (MESSAGE WAITING) Blinks GREEN when receiving a Message Waiting signal, if you have subscribed to a Voice Mail message service from your local telephone company. (See page 14.)
11. **BATTERY CHARGE INDICATOR:** Indicates the battery charge condition as:
    - Battery Full (4 bars shown)
    - Low Battery Level (2 bars blinking). See page 39 for detail.
    - Battery Charging (4 bars progression)
12. **DIR DIRECTORY (PHONE BOOK) Button:** Press to access names and numbers stored in the DIRECTORY (PHONE BOOK). (See pages 16 to 20 for details.)
13. **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 **SAVE /RE/PA** button to dial numbers which use an alternative Long Distance Access Code.)
14. **# /OPTION Button:** (OPTION) Press to change the displayed telephone number to 7, 10, or 11 digit DIALING mode during Caller ID callback.
15. **DEL/INT (DELETE/INTERCOM) Button:** (DELETE) - Press and hold down to delete items or individual characters. (INTERCOM) Press to make an INTERCOM CALL to another **HANDSET**.
16. **CHARGE CONTACTS:** For charging the BATTERY PACK inside the **HANDSET**. We recommend cleaning the CHARGE CONTACTS periodically with a damp cloth.

## BASE UNIT Controls



## BASE UNIT Controls

1. (MEMO) **Button:** Press and hold down to record memo messages.
2. (TIME) **Button:** Press to set/check the day and time.
3. (OGM) **(OUTGOING MESSAGE) Button:** Press and hold down to record OGM messages.
4. (ERASE) **Button:** Press to erase messages.
5. **CHARGE TERMINALS:** For charging the **HANDSET** BATTERY PACK. For best performance, clean the CHARGE TERMINALS periodically with a damp cloth.
6. **SPEAKERPHONE LED Indicator:** Lights up when the **BASE UNIT** speakerphone function is activated.
7. **IN USE/CHARGE LED Indicator:** (IN USE) Lights up to indicate that the **HANDSET** is in TALK mode. (CHARGE) Lights up when the **HANDSET** is placed on the **BASE UNIT** for charging.
8. **ANSWER FUNCTION ON/OFF (ANS. ON/OFF) LED Indicator:** Lights when the answer function is turned ON.
9. **MICROPHONE**
10. (ANS ON/OFF) **(ANSWER FUNCTION ON/OFF) Button:** Press to activate or deactivate the answer function.
11. (PAGE) **Button:** Press to PAGE the **HANDSET**. Press again to stop.
12. (CODE) **Button:** Press and hold to set the 3-digit Remote Access Code for remote operation.
13. **MESSAGE ALERT:** Set switch to ON to generate a "beep" sound every 12 seconds when a new message has been received.
14. **ANNOUNCE ONLY/INCOMING MESSAGE Switch:**
    **ICM** - System records the incoming messages.
    **ANNC** - System plays your announcement and then hangs up without recording messages.
15. **RINGER ON/OFF Switch:** Set switch to OFF position to disengage the ringer on the **BASE UNIT.**
16. **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.
17. (MAIL 1) **(MAILBOX 1) Button:** Press to activate functions for MAILBOX 1.

## BASE UNIT Controls

18. (MAIL 1) **(MAILBOX 2) Button:** Press to activate functions for MAILBOX 2.
19. (MAIL 3) **(MAILBOX 3) Button:** Press to activate functions for MAILBOX 3.
20. (MAIL 4) **(MAILBOX 4) Button:** Press to activate functions for MAILBOX 4.
21. **BASE UNIT ANTENNA**
22. **MAILBOX LED Indicators:** Lights to indicate the presence of message(s) and blinks to indicate that the corresponding MAILBOX is active and ready to operate.
23. (STOP) **Button:** Press to stop playing a message.
24. (VOL+) **(VOLUME UP) Button:** Press repeatedly to increase the speaker volume level of the **BASE UNIT**.
25. (VOL-) **(VOLUME DOWN) Button:** Press repeatedly to decrease the speaker volume level of the **BASE UNIT**.
26. (PLAY) **Button:** Press to play messages.
27. (SKIP) **Button:** Press to skip messages.
28. **LED MESSAGE DISPLAY:** Indicates the number of memos/messages received, status of the system.

| | | |
|---|---|---|
| EA - Erasing | 01~63 - No. of memos/messages | OP - OGM is playing |
| Ao - Announce Only | FU - Memory is full | PA - Pause |
| SP - Speakerphone function is being used | | |

29. (RPT) **Button:** Press to repeat messages.
30. (SPK) **(SPEAKERPHONE) Button:** Press to answer a call using the **BASE UNIT**.
31. **TONE-PULSE SELECT SWITCH**
32. **RESET Button:** Press and hold down for 2 seconds to reset the system and clear all recordings.
33. **POWER-IN CONNECTION JACK**
34. **TELEPHONE LINE CONNECTION JACK**

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## Safety Instructions

### *IMPORTANT SAFETY INSTRUCTIONS*

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

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the telephone.
3. Do not use this telephone near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, near a swimming pool, or anywhere else where there is water.
4. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
5. Do not use the telephone to report a gas leak in the vicinity of the leak.
6. Use only the power cord and BATTERY PACK indicated in the Owner's Manual. Do not dispose of the BATTERY PACK in a fire. The BATTERY PACK may explode. Check with local codes for possible special disposal instructions.
7. Operate this telephone using the electrical voltage as stated on the **BASE UNIT** or in the Owner's Manual. If you are not sure of the voltage in your home, consult your dealer or local power company.
8. Unplug this telephone from the wall outlet before cleaning or replacing the BATTERY PACK. Do not use liquid cleaners or aerosol cleaners on the telephone. Use a damp cloth for cleaning.
9. Place this telephone on a stable surface. Serious damage and/or injury may result if the telephone falls.
10. Do not cover the slots and openings on this telephone. This telephone should never be placed near or over a radiator or heat register. This telephone should not be placed in a built-in installation unless proper ventilation is provided.
11. Do not place anything on the power cord. Install the telephone where no one will step or trip on the cord.
12. Do not overload wall outlets or extension cords as this can increase the risk of fire or electric shock.
13. Never push any objects through the slots in the telephone. They could touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the telephone.
14. To reduce the risk of electric shock, do not take this telephone apart. If service or repair work is required on this telephone, take it to a qualified service representative. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
15. Unplug this telephone from the wall outlet and consult a qualified service representative in any of the following situations.
    - **A.** When the power supply cord is frayed or damaged.
    - **B.** If liquid has been spilled into the telephone.
    - **C.** If the telephone has been exposed to rain or water.
    - **D.** If the telephone does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment may require extensive work by a qualified technician to restore the telephone to normal operation.

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**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, 800mAh
U.S. Electronics Inc.
Ni-Cd BATTERY PACK: model B658
(See page 39 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 telephone that you have purchased contains a rechargeable BATTERY PACK. The BATTERY PACK is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this BATTERY PACK into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

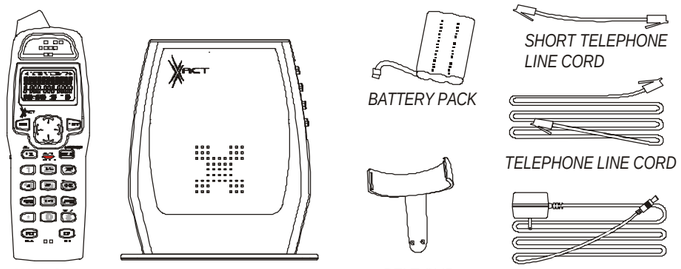




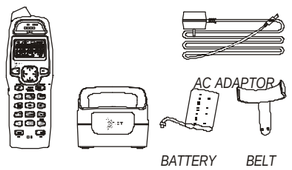
### *Connecting Your Phone*

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

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




For XG2801EX model, the package comes with model HCB702 that includes the following items: **HANDSET**, CHARGER, CHARGER AC ADAPTOR, BATTERY PACK, and BELT CLIP.




**3.** Insert the small plug on the end of the AC ADAPTOR into the POWER-IN CONNECTION JACK at the back of the **BASE UNIT**.
**4.** Plug the AC ADAPTOR into a 120V AC wall outlet.
**USE ONLY WITH CLASS 2 POWER SOURCE:**
**9V DC, 500mA for the BASE UNIT.**
**9V DC, 150mA for the CHARGER UNIT.**
**5.** Insert one plug of the TELEPHONE LINE CORD into the house TELEPHONE JACK and the other end into the TELEPHONE LINE CONNECTION JACK at the back of the **BASE UNIT**. (If you have an older 4-prong TELEPHONE JACK, you will need an RJ-11C TELEPHONE JACK ADAPTOR. This adaptor is available at the same place you purchased your telephone.)
**6.** We recommend not placing this unit next to appliances. Doing so may cause interference.

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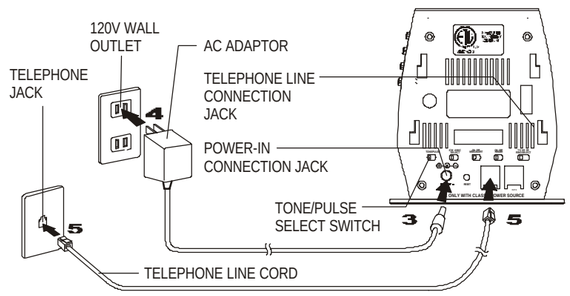
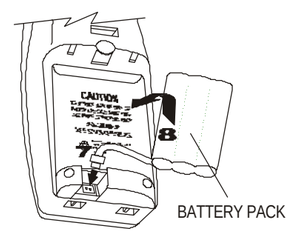
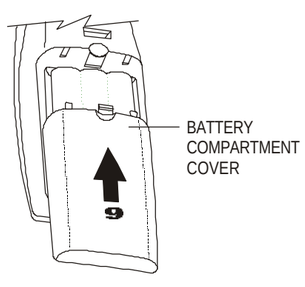


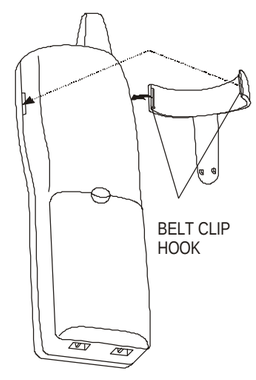

7. Install the **HANDSET** BATTERY PACK by plugging it into the BATTERY CONNECTOR inside the BATTERY COMPARTMENT.
8. Place the BATTERY PACK inside the BATTERY COMPARTMENT.
9. Slide the **HANDSET** BATTERY COMPARTMENT COVER firmly into place in its closed position.
10. **IMPORTANT: Before initial use, charge the HANDSET for 12 hours.**
11. TONE/PULSE Select Switch:
    - **A.** If your home is equipped with a tone dialing system, set the TONE/PULSE Select Switch to the TONE position.
    - **B.** If you have a rotary dialing system, set the TONE/PULSE Select Switch to the PULSE position.
    - **C.** If you are not sure which system you have, set the TONE/PULSE Select Switch to the TONE position. Press the TALK button on the **HANDSET** to get a dial tone, and press any button on the TELEPHONE KEYPAD except the zero. If the dial tone continues, it means that you do not have TONE dialing service. Press the TALK button on the **HANDSET** to hang up. Set the TONE/PULSE Select Switch to the PULSE mode and then try again.




12. Set the date and time on the **HANDSET**. (See page 23 for details.)
13. Set the date and time on the **BASE UNIT**. (See page 30 for details.)

Press the TALK button to confirm that you have a dial tone. If you do not get a dial tone, review steps 3 through 11. If you still do not have a dial tone, refer to the Problem Solving section on pages 41~42.




### *Belt Clip Installation*

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

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

**IMPORTANT**

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

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## Desk Mounting

For normal position, place the **BASE UNIT** on any desired but suitable location.

## Wall Mounting

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

1. With the back of the BASE UNIT facing up, connect the SHORT TELEPHONE LINE CORD to the TELEPHONE LINE CONNECTION JACK.
2. Insert the free end of the SHORT TELEPHONE LINE CORD through the hole of the MOUNTING BRACKET.
3. Insert the OUTER HOOKS of the MOUNTING BRACKET into the matching slots on the back of the **BASE UNIT**.
4. Push the MOUNTING BRACKET upward until the LOCKING HOOKS snaps into the inner slots of the **BASE UNIT**.
5. Plug the free end of the SHORT TELEPHONE LINE CORD into the MODULAR WALL JACK.
6. Align the upper keyhole of the MOUNTING BRACKET with the upper stud of the wall plate, so that the opening end of the MOUNTING BRACKET matches the lower stud, then pull the **BASE UNIT** down until it is securely seated.





## Preparing for Use

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

1. Place the **HANDSET** on the **BASE UNIT** for 12 hours.
2. After 12 hours, remove the **HANDSET** from the **BASE UNIT**.

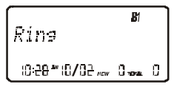
***Before you can use your cordless telephone, you must charge the HANDSET for 12 hours. Failure to do so will require more frequent charging of the BATTERY PACK. See page 39 for more information on the BATTERY PACK.***

***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.*

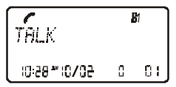
## Receiving Calls

When a call is received, all of the **HANDSETS** registered to the system will ring with the RINGER LEVEL and MELODY selected by the user. The first **HANDSET** to respond will get the call.

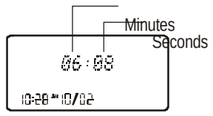
1. When the phone rings, the LCD Screen of all of the **HANDSETS** registered to the system will display "Ring." If you have Caller ID, the LCD Screen will display the Caller ID information after the first ring.




2. With the **HANDSET** on or off of the **BASE UNIT**, press the TALK button. "Talk" will be displayed and the Call Timer starts to count. Start your conversation.




3. To end your conversation, either press the TALK button or place the **HANDSET** on the **BASE UNIT**. The duration of the call will be displayed on the LCD Screen for about 3 seconds and then returns to the STANDBY mode.




**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.

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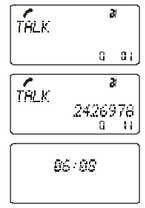
### Placing Calls

1. Press the TALK button. "Talk" will display and the Call Timer starts to count.
2. Wait until you hear a dial tone and then dial the phone number.
3. When you have finished your call, press the TALK button again or place the **HANDSET** on the **BASE UNIT**. The duration of the call will be displayed on the LCD Screen for about 3 seconds.




**OR**

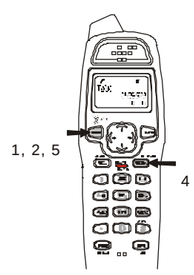
1. Dial the phone number.
2. Press the TALK button. The number displayed will be dialed.
3. When you have finished with your call, press the TALK button again or place the **HANDSET** on the **BASE UNIT**. The duration of the call will be displayed on the LCD Screen for about 3 seconds.

### HANDSET Volume Control

1. To adjust the **HANDSET** receiver volume level while having a conversation, press the VOL/**MENU** button. The LCD Screen will display "volume setting."
2. The default setting is "Low." Press the SCROLL UP ▲ or DOWN ▼ button, or press the TELEPHONE KEYPAD 1 to 4 button to select the desired setting from Low, Medium, High or Maximum.

### Redial Feature

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

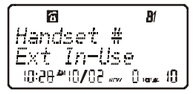







### Extension In Use Indicator

This telephone can detect when a **HANDSET** is already in use. The LCD Screen of all of the **HANDSETS** linked to the same **BASE UNIT** will display "Ext in-use." This means you will have to wait until the line is free to make a call.



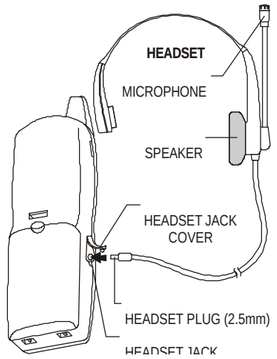

### Using the Headset Feature

Your HANDSET, when connected to a headset (not included), will provide you with hands-free communication.

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

***NOTE:***
*When you plug the headset plug into the HEADSET JACK it automatically mutes the MICROPHONE and SPEAKER of the **HANDSET**. Unplug the headset to return the **HANDSET** to normal use.*

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




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

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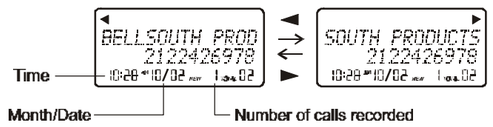
## Caller ID System

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 50 calls and stores the data in Memory.

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

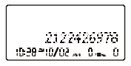
### *Viewing Caller Information During Incoming Calls*

1. When there is an incoming call, the name and the telephone number of the caller will automatically appear after the first ring. If the name has more than 14 characters, the first 14 letters will be displayed first. Press the SHIFT LEFT button to view all the following letters.



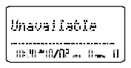

**OR**

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




**OR**

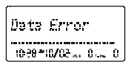
"Unavailable" will appear when Caller ID information is not available. The origin of the call does not support the Caller ID system (including international calls).




**OR**

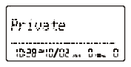
"Data error" will appear when the Caller ID information was received incorrectly or only part of the data was received.

***NOTE:*** *When an error is received, none of the data from this call is saved in memory.*



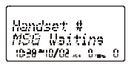

**OR**

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




**OR**

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



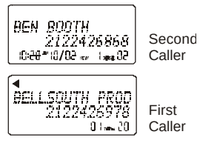





## Caller ID with Call Waiting

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

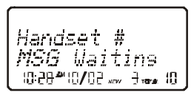
When a new call comes in while you are talking, you will hear a notification beep from the **HANDSET** and the volume is momentarily muted. The new caller's name and phone number, if available, appears on the LCD Screen.




1. When you receive a "Call Waiting" call and you want to connect the call, press the EDIT/FLASH button and start talking with the second caller. The active call will be placed on hold.
2. Press the EDIT/FLASH button to alternate between calls.
3. Press the TALK button or place the **HANDSET** on the **BASE UNIT** to end the call.

### *"MSG Waiting" (Message Waiting)*

The Message Waiting LED indicator will blink green when there is a message for you from your telephone company if you have subscribed to Voice Mail message service and if you have requested Visual Message Indication from your local telephone company. "Msg waiting" will appear on the LCD Screen in STANDBY mode. (To remove the MSG WAITING indicator, see page 26 for detail.)

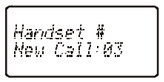



**Note:** This function requires voice mail subscription from the local telephone company. Furthermore, the local phone company must provide a type of voice mail signaling called "FSK" (Frequency Shift Key). Not all telephone companies have the visual message waiting feature available. Please contact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

## Caller List

This phone automatically stores the last 50 calls received. It records call information such as the caller's name and telephone number together with the date and time of the call.

The NEW CALL LED indicator will blink red to indicate that you have a new Caller ID call stored in memory. Also, "New call:_ _" will be diplayed on the LCD Screen with "_ _" being the number of new calls that have not been reviewed.



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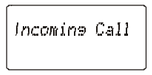
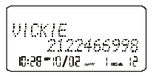
### *Viewing the Caller List*

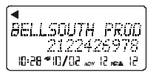
1. With the **HANDSET** in STANDBY mode, press the SCROLL UP or DOWN button. The LCD Screen will display "Incoming call," press the SCROLL UP or DOWN button again to display the Caller ID records.



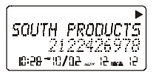

2. Any unviewed (new) calls will be displayed first. The information on the call will be displayed with the name, number, date, and time that the call was received.




3. Pressing the SCROLL DOWN button will go through the calls from the last call received to the first Caller ID record. Pressing the SCROLL UP button will allow you to view the calls from the first call received to the last.




4. If the name has more than 14 characters, the first 14 letters will be displayed first. Press the SHIFT LEFT button to view all the following letters.



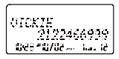

5. Press the DIR/ESC button to return to STANDBY mode.

### *Placing a Call from the Caller List*

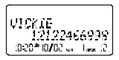
You can place a call from the Caller list by using the Caller ID CALLBACK feature.

1. When viewing the Caller ID List, press the SCROLL UP or DOWN button to find the record you wish to call back.
2. Press the #/**OPTION** button to change the displayed number to 7, 10, or 11 digits.

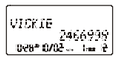
   The first dialing option displayed is the 11 digits for a long distance call.

   
   
   First press.

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

   
   
   Second press.

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

   
   
   Third press.

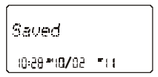
3. Press the DIR/ESC button to dial the displayed number. Press the TALK button to cancel and return to STANDBY mode.
4. To end a call, either press the TALK button or place the **HANDSET** on the **BASE UNIT**.





### *Storing Caller ID Records into the DIRECTORY (PHONE BOOK)*

1. When viewing the Caller ID List, press the SCROLL UP or DOWN button to find the record you wish to store into the DIRECTORY (PHONE BOOK).
2. Press and hold the SAVE/**RE/PA** button.
3. The LCD Screen will display "Saved."



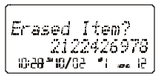

4. If you wish to edit the newly stored number, edit it in the DIRECTORY (PHONE BOOK) (page 19, "Editing a Stored Number").
5. Press the DIR/ESC button to return to STANDBY mode.

### *Deleting Caller ID Records*

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

#### *Deleting a Single Record*

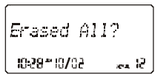
1. Press the SCROLL UP or DOWN button to find the record you wish to delete.
2. Press the DEL/INT button. The LCD Screen will display "Erase item?"




3. To delete the record, press the DEL/INT button again. The LCD Screen will display the preceeding Caller ID record.
4. Press the DIR/ESC button to exit the Caller ID list.

#### *Deleting All Records*

1. Press the SCROLL UP or DOWN button.
2. Press and hold the DEL/INT button. The LCD Screen will display "Erase all?"




3. To delete all of the Caller ID records, press the DEL/INT button again. The LCD Screen will return to STANDBY mode.

**NOTE:** The user can cancel the deleting step by pressing the DIR/ESC button.

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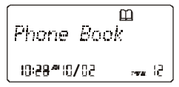
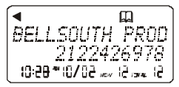
## Name and Telephone Number DIRECTORY (PHONE BOOK)

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

### Viewing the DIRECTORY (PHONE BOOK)

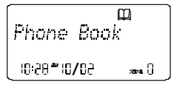
1. Press the DIR/ESC button. The LCD Screen will display "Phone book."
2. Press the TELEPHONE KEYPAD (2 **/ABC** to 9 **/WXY**) button that corresponds to the first letter of a Caller's name (a triple "beep" will sound if no entries are stored under those letters). Press the SCROLL UP ▲ or DOWN ▼ button to find the record you wish to view.
3. If the name has more than 14 characters, the first 14 letters will be displayed first. Press the SHIFT LEFT ◀ button to view all the following letters and/or .
4. Press the DIR/ESC button to exit the DIRECTORY (PHONE BOOK).

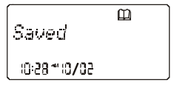


### Storing Phone Numbers

1. With the **HANDSET** in STANDBY mode, press the DIR/ESC button.The LCD Screen will display "Phone book."
2. Press the EDIT/FLASH button to create a new DIRECTORY (PHONE BOOK) entry.
3. Enter the name you wish to store using the TELEPHONE KEYPAD 2 **/ABC** to 9 **/WXY** buttons to enter the name, (see page 18 for detail) you can store up to 18 letters. To move the cursor to the right, create a space, or to enter a new letter, press the SHIFT RIGHT ▶ button.
4. Press the SCROLL DOWN ▼ button, and dial the telephone number you wish to store using the TELEPHONE KEYPAD 1 to 0 buttons. You can store up to 22 digits. Briefly press the SAVE **/RE/PA** button to insert a pause into the number.
5. Press and hold the SAVE **/RE/PA** button to store the number into memory.






***NOTES:***

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





### Telephone Keypad Characters

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

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

***EXAMPLE:***

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

1. Press the DIR/ESC button. The LCD Screen will display "Phone book."
2. Press the EDIT/FLASH button to create a new DIRECTORY (PHONE BOOK) entry.
3. Press the following TELEPHONE KEYPAD buttons to get the desired letters:

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

4. Press the SCROLL DOWN ▼ button to move the cursor to the number icon.
5. Press the TELEPHONE KEYPAD 1 to 0 buttons to get the desired numbers:
6. Press and hold the SAVE **/RE/PA** button to store the data in the DIRECTORY (PHONE BOOK) memory.

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***Placing Calls from the DIRECTORY (PHONE BOOK)***

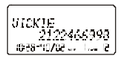
1. Press the (DIR/ESC) button. The LCD Screen will display "Phone book."
2. Press the SCROLL UP (▲) or DOWN (▼) button to find the record you want to call.

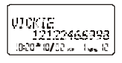
   **OR**

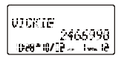
   Press a TELEPHONE KEYPAD (2)**/ABC** to (9)**/WXY**) that corresponds to the first letter of a name. Press the SCROLL UP (▲) or DOWN (▼) button to find the record you wish to call.
3. Press the (#)**/OPTION** button to change the displayed number to 7, 10, or 11 digits. The first dialing option displayed is the 11 digits for a long distance call.

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

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

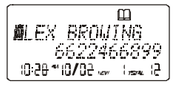
   
   First press.

   
   Second press.

   
   Third press.
4. Press the (TALK) button to dial the displayed number.
5. To end the call, either press the (TALK) button or place the **HANDSET** on the **BASE UNIT.**

***Editing a Stored Number in the DIRECTORY (PHONE BOOK)***

1. Press the (DIR/ESC) button. The LCD Screen will display "Phone book."
2. Press the SCROLL UP (▲) or DOWN (▼) button to find the record you wish to edit.
3. Press the (EDIT/FLASH) button. The entry will display with a flashing prompt over the first character of the name field.

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

   To erase a character or digit, press the (DEL/INT) button.

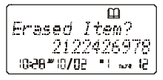
   To add a letter or number, use the TELEPHONE KEYPAD (1) to (0)**/OPER** buttons. Characters or numbers will be inserted in front of the cursor (See page 18 for details.)
5. When the entry is edited as you desire, press and hold the (SAVE)**/RE/PA** button to store the edited record.





***Deleting a Stored Record in the DIRECTORY (PHONE BOOK)***

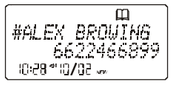
1. Press the (DIR/ESC) button. The LCD Screen will display "Phone book."
2. Press the SCROLL UP (▲) or DOWN (▼) button to find the record you wish to delete.
3. Press the (DEL/INT) button. The LCD screen will display "Erase item?"

   
   
4. To delete the record, press the (DEL/INT) button again. The LCD Screen will display the preceeding Caller ID record.
5. Press the (DIR/ESC) button to return to STANDBY mode.

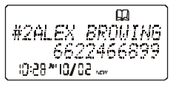
***PREFERRED CALLS***

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

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



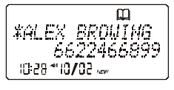

To assign a RINGER MELODY, add a "#" symbol followed by the desired RINGER MELODY number (1~0) at the beginning of the name. To hear a sample of the RINGER MELODY sound, see page 23 for details.




***BLOCKED CALLS***

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

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




***"C-F" (Forwarded Call)***

The "CF" icon pops-up on the LCD Screen, when the incoming call has been assigned to your telephone number and the service is provided by your local telephone company.

***"L-D-C" (Long Distance Call)***

The "LDC" icon pops-up on the LCD Screen, when the incoming call is a long distance call and the service is provided by your local telephone company.