4. Use the **[delete]** button to edit, and press the **[dial]** button to confirm.
5. Use the same method to set the rest of the digits.

NOTE: You may use the keypad to set the area code, too.

Regional AREA CODES
Similar to programming local area codes; programmed regional area codes allow the phone to determine the number format to display when receiving Caller ID information. Calls matching any of the programmed regional area codes are displayed as 10 digits. This is helpful for areas that have multiple or overlapping area codes that require 10 digit dialing.
1. Press and hold the **[dial]** button until the display shows "SET ▼ OR ▲".
2. Use the **[▲]** or **[▼]** buttons and select "REGIONAL AC'S-1" and press the **[dial]** button to enter.
3. Use the **[▼]** button to select first digit and press the **[▲]** button to confirm and skip to the next digit.
4. Use the **[delete]** button to edit, and press the **[dial]** button to confirm.
5. Use the same method to set the rest of the digits. Up to 6 regional area codes may be programmed.

NOTE: You may use the keypad to set the regional area codes, too.

Select Language
This setting allows you to choose the language for the display information.
1. Press and hold the **[dial]** button until the display shows "SET ▼ OR ▲".
2. Use the **[▲]** or **[▼]** buttons and select "SELECT LANGUAGE" and press the **[dial]** button to enter.
3. Use the **[▲]** or **[▼]** button to select the desired language.
4. Press the **[dial]** button to confirm.

Tone/Pulse Dial Mode
Choose Tone or Pulse dialing.
1. Press and hold the **[dial]** button until the display shows "SET ▼ OR ▲".
2. Use the **[▲]** or **[▼]** buttons and select "T/P DIAL MODE" and press the **[dial]** button to enter.
3. Use the **[▲]** or **[▼]** buttons to select the desired dial mode.
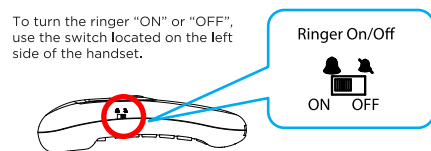4. Press the **[dial]** button to confirm.

Exit Setup
When "EXIT SETUP" is displayed press the **[dial]** button exit.

Switching the Ringer ON/OFF
Slide the ringer switch to the "OFF" position to turn the ringer off. The ringer will not be activated by any incoming calls. Don't forget to turn the ringer "ON" when you are ready to receive calls, otherwise you will not hear the ringing sound during incoming calls.
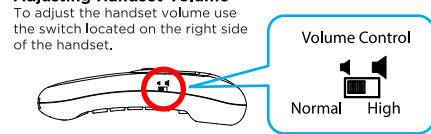
NOTE: When the ringer switch is in the "OFF" position, the lighted ring indicator will still alert you to incoming calls.

To turn the ringer "ON" or "OFF", use the switch located on the left side of the handset.

Ringer On/Off
ON   OFF

Adjusting Handset Volume
To adjust the handset volume use the switch located on the right side of the handset.

Volume Control
Normal   High

Redial
To redial the last number called use the redial feature. This feature is useful when the number you are calling is busy.
1. Pick up the handset.
2. Press the **[redial]** button.
3. The last number called is redialed.

NOTE: Use the **[redial]** button to insert a pause when a delay is needed in an automatic dialing sequence.

Flash
The Flash feature is used to activate calling services available through your local phone company, such as Call Waiting, and Three Way Calling. To use the features below you must subscribe to these services from your local telephone company.

To answer an incoming call while having a conversation: After you hear the Call Waiting tone, press and release the **[flash]** button, The first call is placed on hold and the second call is answered.

To return to the first call and put the second call on hold: Press and release the **[flash]** button to return to the first call, the second call will be put on hold.

Three-Way Calling
Press and release the **[flash]** button while on the first call, you will hear a dial tone. Dial a second number, and press the **[flash]** button again to connect the two calls.

Mute
To temporarily prevent the person on the other end of the line from hearing your conversation, press the **[mute]** button. To deactivate mute, press the **[mute]** button again.

Memory
This telephone can store up to 10 of your most frequently dialed phone numbers.

Storing Frequently Called Numbers
1. Pick up the handset.
2. Press the **[memo]** button, the display shows "M0–M9".
3. Press the desired memory location (0–9) on the handset keypad, and press the **[memo].**

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button to confirm.
4. Use the keypad to enter the telephone number and press the **[memo]** button to confirm.
5. Use the keypad to enter the name and press the **[memo]** button to confirm.

Changing a Stored Number
Repeat the storage sequence above, the new number will replace the previous stored number at that memory location.

Dialing a Stored Number
1. Pick up the handset.
2. Press the **[auto]** button and press a memory location (0–9) and the stored number will be dialed automatically.
OR
1. Pick up the handset.
2. Use the **[▲]** or **[▼]** buttons to select a number from the Caller ID memory.
3. Press the **[dial]** button to dial that number.
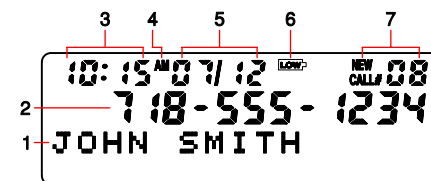
Copying a Number from the Caller ID memory
You can copy a number from the Caller ID memory by following the steps below:
1. Pick up the handset.
2. Use the **[▲]** or **[▼]** buttons to select a number from the Caller ID memory list.
3. Press the **[memo]** button, and select a memory location (0–9) from the keypad.
4. Press the **[memo]** button to confirm the memory location, press the **[memo]** button again to confirm the number, and press the **[memo]** button a third time to confirm the name and exit.

Caller ID
IMPORTANT: In order to use this unit's Caller ID features, you must subscribe to either the standard Name/Number Caller ID Service or Call Waiting Caller ID Service from your local telephone company.

This telephone automatically displays an incoming caller's name and telephone number, as well as the date and time of the call. It can record and store the information of up to 90 calls into the phone's Caller ID memory.

1. Name
2. Number
3. Time
4. AM / PM
5. Date
6. Low Battery Indicator
7. New Calls

Receiving Caller ID Information
When you receive a call, the caller's information is displayed, allowing you to decide whether or not to answer the call. If you are away from home or unable to answer the phone, the information for up to 90 of the most recent calls will be stored into the telephone's Caller ID memory. When receiving the 91st call, the oldest Caller ID record will be deleted.

Reviewing Caller ID Information
To review the information of your received calls which are stored in the phone's Caller ID memory, use the **[▲]** or **[▼]** buttons.

Deleting Caller ID Information
1. Use the **[▲]** or **[▼]** buttons to select the caller information you wish to delete.
2. Press the **[delete]** button.

NOTE: To delete all Caller ID information, press and hold the **[delete]** button until the display shows "ERASE ALL?", then press the **[delete]** button again to confirm. All Caller ID records will be erased.

Dialing Back a Number from Caller ID Memory
When reviewing Caller ID information, you may dial back the phone number displayed by pressing the **[dial]** button.

If the phone is ON the base:
1. Use the **[▲]** or **[▼]** buttons and select the number you would like dialed from the Caller ID memory.
2. Press the **[dial]** button, the display shows "PICK UP OR ADJ".
3. Pick up the handset and the displayed number will be dialed automatically.

NOTE: Depending on how the incoming caller's phone number is formatted when it's received, and whether or not you previously pre-programmed your local area code into the setup menu, you may need to adjust the format of the incoming caller's stored phone number before making the call. Press the **[dial]** button to scroll through different dialing options (7, 10, or 11 digits).

If the phone is OFF the base:
1. Use the **[▲]** or **[▼]** buttons to select the number you would like dialed from the Caller ID memory.
2. Press the **[dial]** button.
3. The display shows "ADJUST".
4. A 3-second timer begins allowing you to adjust the number format to either 7, 10, or 11 digits depending on your local area code, and calling region.
5. Press the **[dial]** button to scroll through the different dialing options (7, 10, or 11 digits).
6. When the 3-second timer runs out, the displayed number is called automatically.

Caller ID Messages
NO CALLS - The Caller ID memory is empty.
UNAVAILABLE - The incoming call does not have Caller ID service. If "UNKNOWN CALLER" appears along with a calling number, the name information for that number is not available.
LOW - [LOW] The battery power is low, and the batteries need to be replaced as soon as possible. Please remember to use alkaline batteries, and do not mix old and new batteries.
BLOCKED CALL - The incoming call is registered as a private number, and Caller ID information is withheld.
NEW CALL - Indicates call or calls that have not been reviewed.

Troubleshooting Tips
No dial tone
• Check all cabling, and telephone jack connections.

Phone does not ring
• Make sure the ringer switch is set to the ON position.

No display
• Replace batteries.
• Make sure the batteries are properly installed.

No information is shown after the phone rings
• In order to receive Caller ID records, you must subscribe to the standard name and number Caller ID service available through your local telephone company.
• Be sure to wait until the second ring before answering.

Other party cannot hear you
• Check if the **[mute]** button has been accidently pressed, if so press the **[mute]** button again to deactivate the mute function.
• Make sure the handset coil cord is properly plugged in.
• Check that extension phones are on the hook at the same time you're using the phone, it is normal for the volume to drop when additional extension phones are used at the same time.

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packard bell

SLIMLINE CORDED HANDSET
User Manual

PB2516

Legal Information
This telephone system meets FCC Standards for Hearing Aid Compatibility.

WARNING:

TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Rating plate and caution marking are marked on the bottom of enclosure of the apparatus.

CAUTION: When using telephone equipment, there are basic safety instructions that hsould always be followed refer to the **IMPORTANT SAFETY INSTRUCTIONS** in this user manual and save for future reference.

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Privacy of Communications may not be ensured when using this product.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Part 68 Information
1. Notification to the Local Telephone Company
On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company. The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

A plug and jack used to connect this equipment to the premises wiring and by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

Notes
- This equipment may not be used on coin service provided by the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
- Notice must by given to the telephone company cpr permanent disconnection of your telephone from your line.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

US Number is located on the cabinet bottom.
REN Number is located on the cabinet bottom.

2. Rights of the Telephone Company
Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

FCC Part 68 Information (cont'd)
The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

For Products that Require Batteries

Important Battery Precautions
- Use only the type of battery specified in this user manual.
- Batteries may present a risk of fire, explosion, or chemical burn if abused. Do not try to charge a battery that is not intended to be recharged.
- Do not dispose of the battery(ies) in a fire. They may explode, Check with local codes for disposal instructions.
- Non-rechargeable batteries, such as alkaline batteries, may leak if left in your product for a long period of time. Remove the batteries from the product if you are not going to use it for a month or more.
- If your product uses more than one battery, do not mix types and make sure they are inserted correctly. Mixing different types of batteries or inserting them incorrectly, may cause them to leak.
- Discard any leaky or deformed battery immediately. Leakage from battery acid can cause skin burns or other personal injury.
- Please help to protect the environment by recycling or disposing of batteries according to federal, state, and local regulations.
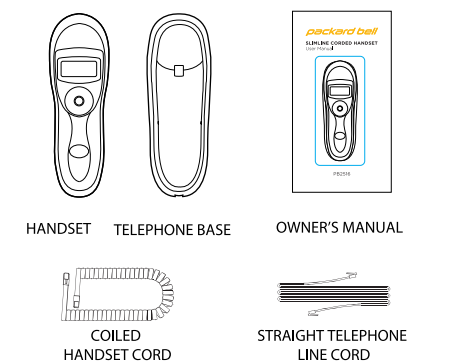
SAVE THESE INSTRUCTIONS

Telephone Jack Requirements

To use this phone, you must have an RJ11C modular telephone jack. If you do not have a modular jack, please call your local telephone company to find out how to get one installed.

Modular Telephone
Line Jack

Important Installation Information
- Never install telephone wiring during a lightning storm.
- Never touch uninsulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Temporarily disconnect any equipment connected to the phone, such as faxes,other phones, or modems.
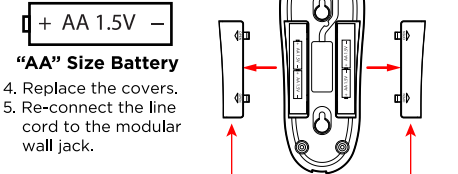
Should have any questions or problems concerning this product, please visit our website at SouthernTelecom.com and click on **Product Support** or call our customer support line at **(877) 768 - 8481** (Mon. - Fri., 8am - 10pm EST).

Important Safety Instructions (cont'd)
E. If the product has been dropped and damaged,
F. If the product exhibits a distinct change in performance,
16. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
17. Do not use the telephone to report a gas leak in the vicinity of the leak.
18. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

Important Safety Instructions
NOTE: Some of the below precautions may not apply to your product, e.g.: Battery and power cord precautions.
When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:
1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bath tub, kitchen sink or swimming pool).
5. Do not place this product on an unstable surface.
6. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
7. Never push objects of any kind into the ventilation slots of this product as they may touch dangerous voltage points or create a short circuit that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
8. Use only the power cord and batteries indicated in this manual.
9. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
10. Plug the adaptor to the socket - outlet that is closest to the equipment and which is easily accessible.
11. Do not allow anything to rest on the power cord. Do not install this product where the cord may have people walk on it.
12. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the telephone base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
13. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
14. The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.
15. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
A. When the power supply cord or plug is damaged or frayed.
B. If liquid has been spilled onto the product.
C. If the product has been exposed to rain or water.
D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.

Getting Started

In the Box

HANDSET   TELEPHONE BASE   OWNER'S MANUAL

COILED
HANDSET CORD

STRAIGHT TELEPHONE
LINE CORD

Battery Installation
This telephone requires 4 AA-size alkaline batteries (not included) to operate the Caller ID and memory functions.
1. Make sure that the telephone is disconnected from the wall jack.
2. Remove the battery compartment covers located at the bottom of the unit's base.
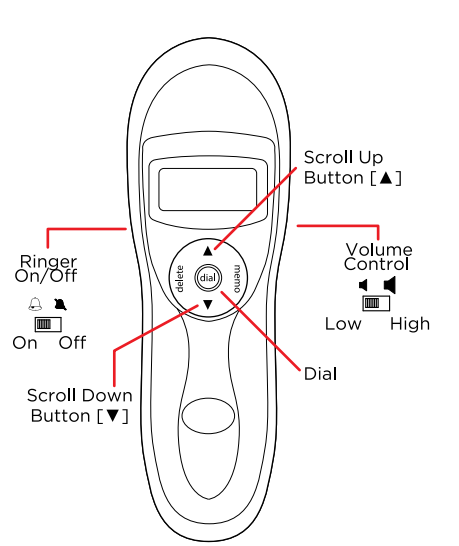3. Install 4 AA- size batteries as shown on the diagram.

$+$ AA 1.5V $-$

"AA" Size Battery

4. Replace the covers.
5. Re-connect the line cord to the modular wall jack.

Battery Compartment
Covers

NOTE:
- Do not mix old & new batteries.
- If you will not be using the phone for a long period of time, remove the batteries to prevent possible leakage and corrosion.
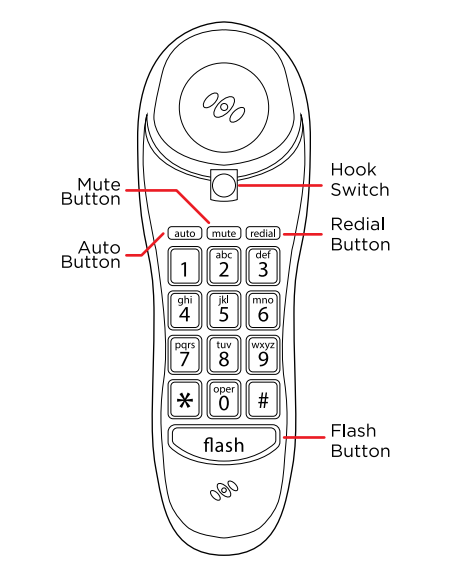

Battery Installation (cont'd)
A) **CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
B) Please follow instructions for repairing if any (e.g. battery installation section); otherwise, do not alternate or repair any parts of device except as specified.
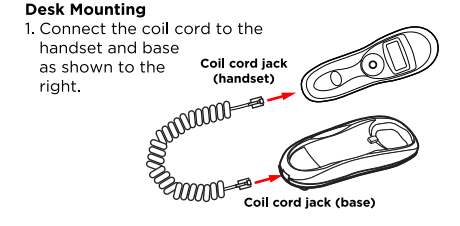
Location of Controls

Ringer
On/Off

On   Off

Scroll Down
Button [▼]

Scroll Up
Button [▲]

Volume
Control

Low   High

Dial

Location of Controls (cont'd)

Mute
Button

Auto
Button

Hook
Switch

Redial
Button

Flash
Button

Connecting & Setup

Desk Mounting
1. Connect the coil cord to the handset and base as shown to the right.

Coil cord jack
(handset)

Coil cord jack (base)

Connecting & Setup (cont'd)
2. Plug one end of the straight line cord into the jack at the bottom of the phone's base, and the other end into a modular wall telephone jack.

Straight Telephone
Cord

Base TEL
LINE Jack

Modular Wall
Phone Jack

3. Pick up the handset and confirm you hear the dial tone.

Wall Mounting
To mount your telephone on a wall plate (not included), follow the instructions below:
1. Plug a short straight line cord (not included) into a modular wallphone jack.
2. Align the holes on the base with the mounting studs on the wall plate.
3. Pull the base down onto the studs until the telephone is secure.

Caller ID Setup
IMPORTANT: Do not connect the telephone into the wall jack while setting up the Caller ID menu because an incoming call may invalidate the information not yet saved.
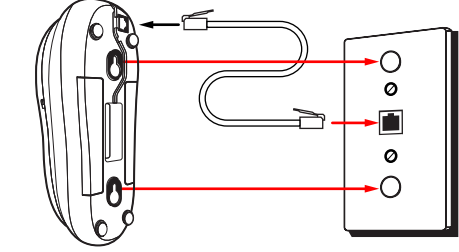1. Press and hold the **[dial]** button until the display shows "SET ▼ OR ▲".
2. Use the **[▲]** or **[▼]** buttons to scroll through the options below, and press the **[dial]** button to select the desired option you wish to set.
   - **DATE/TIME**
   - **LOCAL AREA CODE**
   - **REGIONAL AC'S-1**
   - **SELECT LANGUAGE**
   - **T/P DIAL MODE**
   - **EXIT SETUP**

NOTE: Press the **[flash]** button to exit the setup menu, or the phone will exit automatically if there is no operation within 20 seconds and return to the "NO CALLS" screen.

Date and Time
The date and time is programmed automatically when the first Caller ID record is received. It is also possible to set the date and time manually if desired.
1. Press and hold the **[dial]** button until the display shows "SET ▼ OR ▲".
2. Use the **[▲]** or **[▼]** buttons and select "DATE/TIME" and press the **[dial]** button to enter.
3. Use the **[▲]** or **[▼]** buttons to set the hour, minute, AM/PM, month, and day.
4. Press the **[dial]** button to confirm your selections.

Local Area Code
The telephone uses the programmed area code to determine the number format to display when receiving Caller ID information. It is also used for the dial back feature.
1. Press and hold the **[dial]** button until the display shows "SET ▼ OR ▲".
2. Use the **[▲]** or **[▼]** buttons and select "LOCAL AREA CODE" and press the **[dial]** button to enter.
3. Use the **[▼]** button to select the first digit and press the **[▲]** button to confirm and skip to the next digit.