Memorex®

CORDLESS TELEPHONE WITH CALLER ID

MODEL: MPH2410

**BEFORE OPERATING THIS PRODUCT,
PLEASE READ THESE INSTRUCTIONS COMPLETELY.**

OPERATING INSTRUCTIONS

IMPORTANT SAFETY PRECAUTIONS

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

ATTENTION
The Owner's Manual contains important operating and maintenance instructions.
For your safety, it is necessary to refer to the manual.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with 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.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

SURGE PROTECTORS:
It is recommended to use a surge protector for AC and telephone connection. Lightning and power surges ARE NOT covered under warranty for this product.

IMPORTANT:
PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

1

IMPORTANT SAFETY PRECAUTIONS (CONTINUED)

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this product.
3. Do not use this product near water- for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
4. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious injury and serious damage to the product.
5. Slots and openings in the cabinet and in the back or bottom are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat source. This product should not be placed in a built-in installation unless proper ventilation is provided.
6. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill or spray any type of liquid on the product.
7. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel under the following conditions:
   A. If liquid has been spilled into the product.
   B. If the product has been exposed to rain or water.
   C. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
   D. If the product has been dropped or the cabinet has been damaged.
   E. If the product exhibits a distinct change in performance.
8. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
9. Do not use the telephone to report a gas leak in the vicinity of the leak.
10. Do not allow anything to rest on the telephone cord. Do not locate this product where the cord will be abused by persons walking on it.
11. Never install telephone wire during a lightning storm.
12. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
13. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
14. Use caution when installing or modifying telephone lines.
15. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

2

IMPORTANT SAFETY PRECAUTIONS (CONTINUED)

1. If your local telephone exchange only accepts Pulse dialing, you may have to switch the Tone/Pulse switch to Tone to access certain services that require Tone signalling (such as home banking). After the initial line is connected to the number you are calling, switch the Tone/Pulse switch to Tone to access Tone signalling. When you have completed your call, please switch the Tone/Pulse switch back to Pulse.
2. Hearing aid compatibility - Your telephone is compatible for use with hearing aids.

FCC and Phone Company Information

Your telephone company is required by the Federal Communications Commission to allow you to connect FCC registered telephones to their lines. The FCC requires you to provide information, if requested by the local telephone company, about the connection of an FCC registered telephone to their lines. They may ask you for the FCC registration number and the ringer equivalence number (REN); both are at the bottom of the base. They may also ask for the Universal Service Order Code (USOC), which is the RJ-11C.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive REN's on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total REN's, contact the telephone company to determine the maximum REN for the calling area.

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practical, 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; (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in of Part 68 of FCC Rules and Regulations.

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

This equipment cannot be used on telephone company provided coin service. Connection to Party Line Service is subject to state tariffs.
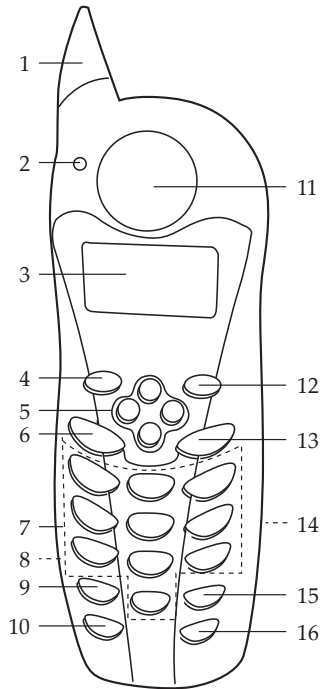
Any changes or modifications not expressly approved by (state party responsible for compliance) can void the user's authority to operate the equipment.
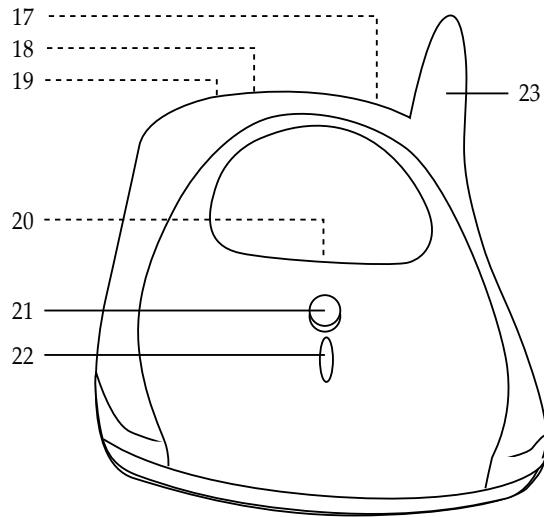
3

CONTENTS

4

LOCATION OF CONTROLS AND INDICATORS

HANDSET

BASE

1. Handset Antenna
2. NEW CALL/MSG WTG Indicator
3. Display
4. TALK Button
5. Scroll Up/Down/Left/Right Buttons
6. VOICE MAIL/MENU Button
7. Key Buttons (0-9)
8. HEADSET Jack (Side of Handset)
9. Temporary Tone/∗ Button
10. EDIT/FLASH Button
11. Handset Receiver
12. DIR (Directory) Button
13. SAVE/RE (Redial)/PA (Pause) Button
14. Receiver Volume Switch (Side of Handset)
15. Option/# Button
16. DEL (Delete)/CHAN (Channel) Button
17. TONE/PULSE Switch (Rear of Base)
18. DC 9V Jack (Rear of Base)
19. Telephone LINE Jack (Rear of Base)
20. Charging Contacts
21. PAGE Button
22. IN USE/CHARGE Indicator
23. Base Unit Antenna

5

INSTALLATION INSTRUCTIONS

1. Carefully unpack and remove your unit from the box.
2. Make sure all of the following items have been included:

- Base Unit   (AC120V, 60Hz/DC9V, 300mA)
- Handset Unit   • 2 Telephone Cords (Short and Long)
- Rechargeable Ni-Cd Battery Pack   • Belt Clip
  (3.6V, 600mAH)   • Mounting Bracket with Screws
- AC Adapter

3. Make sure the Rechargeable Battery is installed or install the Rechargeable Battery as described on page 9.

PLEASE REFER TO FIGURE 1 FOR STEPS 4 THROUGH 7:
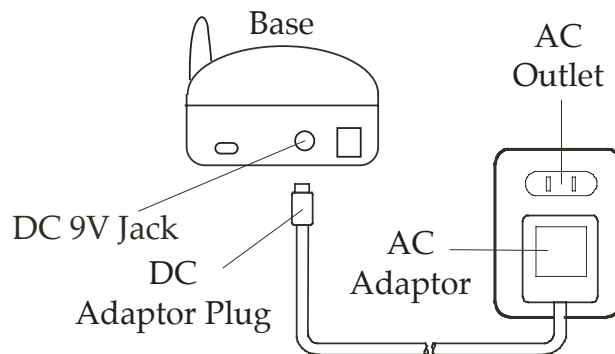
Figure 1

4. Slide the TONE/PULSE switch on the side of the Base unit to TONE or PULSE to match the service provided on your telephone line. If you are not sure of your service, please contact your telephone company. The factory preset position for this switch is TONE.
5. Connect one end of the telephone line cord into the TEL LINE jack on the rear of the base unit and the other end into a modular telephone jack.
6. Insert the small plug at the end of the DC adapter into the DC 9V jack located at the rear of the base unit.

NOTE: Use only the center-positive 9V DC adapter provided with your unit.

7. Plug the AC adapter into a standard 120V AC wall outlet.
8. If desired, install the belt clip by inserting the belt clip hook into the matching slots at the top side of the handset as shown in figure 2. Slide the other hook until it locks into place from the opposite side of the handset.
9. If desired mount on a wall as described on the next two pages.

Figure 2

6
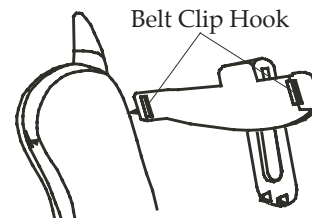
INSTALLATION INSTRUCTIONS (CONTINUED)

WALL MOUNTING THE UNIT (STANDARD WALL JACK)

Follow the instructions below to install the base onto a standard telephone wall jack:

1. Connect the short telephone line cord to the TEL LINE jack on the rear of the base unit.
2. Insert the free end of the short line cord through the hole of the mounting bracket.
3. Insert the hooks of the mounting bracket into the matching slots on the back of the unit as shown in Figure 3. Press the two locks located on the side of the mounting bracket until the locking hooks snap into the inner slots of the base unit as shown in Figure 4.
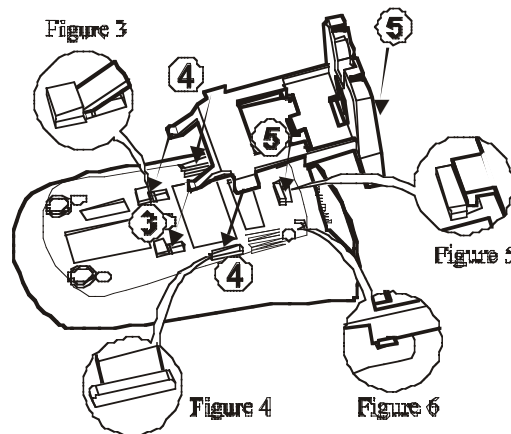
Figures 3 through 6

4. Press the middle locking hooks of the mounting bracket while pushing the back of the mounting bracket until it snaps to lock as shown in Figure 5.

NOTE: Ensure that the lock guide stays in place on the hole provided on the base unit as shown in Figure 6.

5. Plug the free end of the short line cord into the modular wall jack.
6. 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, pull the mounting bracket down until it is securely seated as shown in Figure 7.

Wall Mount Stud
Telephone Modular Jack
Wall Mount Stud
Base (Side View)
Wall Mount Bracket
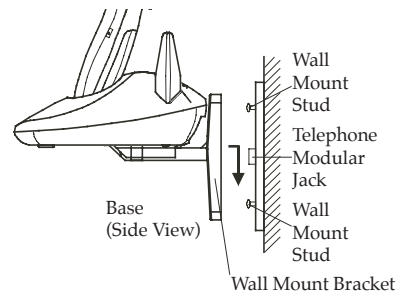
Figure 7

7

INSTALLATION INSTRUCTIONS (CONTINUED)

WALL MOUNTING THE UNIT (NO STANDARD WALL JACK)

1. Drill two holes with a vertical distance between the two marked positions of 3 15/16" (100mm).
2. Drive a screw into each of the holes. Tighten them to the end of the screw lines, only leaving the smooth part of the screw head outside the wall.
3. Install the wall mount bracket into the base unit as previously discussed in Figures 3-6 on the previous page.
4. Hang the unit onto the screws, then slide it down firmly to fasten the base securely, as shown in Figure 8.

Base
(Side View)

Screws
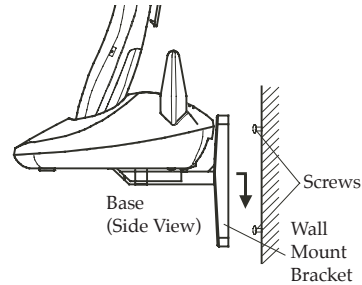
Wall
Mount
Bracket

Figure 8

UNINSTALLING THE WALL MOUNT BRACKET

To remove the wall mount bracket from the base unit, pull it back as shown in Figure 9.
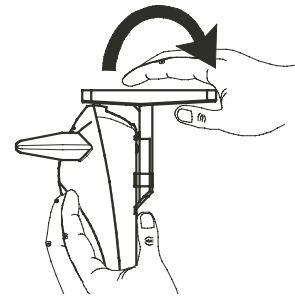
Figure 9

HEADSET CONNECTION

One of the special features of your phone is that your handset could utilize a headset (not included) for hands-free communication. Insert the small plug at the end of your headset cord to the headset jack at the side of the handset. Follow the procedures discussed in "Placing a Call" and "Receiving a Call" to place and receive a call.

NOTE: The headset jack of your cordless telephone is compatible with 2.5 mm headset plugs only. When you plug in the headset into the headset jack, it automatically mutes the microphone and speaker of the handset. Unplug the headset to return the handset to normal use.

8

INSTALLATION INSTRUCTIONS (CONTINUED)

INSTALLATION OF THE RECHARGEABLE BATTERY
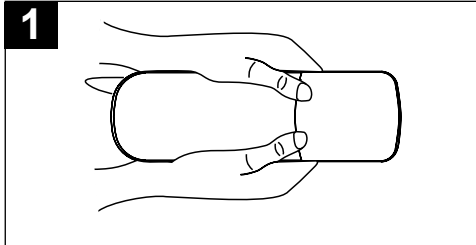
Remove the battery cover located on the rear of the handset by pressing on the top cover and sliding it downward.
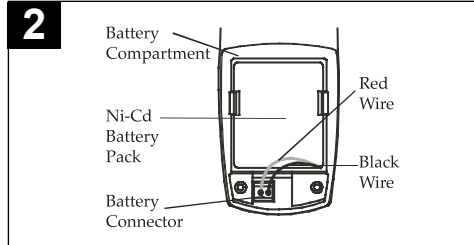
Connect the Ni-Cd battery pack plug into the battery connector; the LCD display will turn on in the Standby mode.
Insert the Ni-Cd battery pack into the battery compartment.
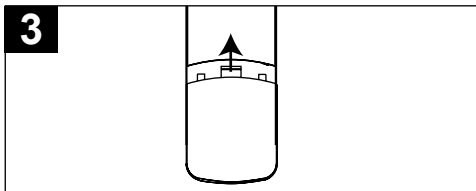
Put the battery cover back on by sliding it upward until it clicks into place.

CHARGING THE RECHARGEABLE BATTERY

Be sure the rechargeable battery is fully charged 12 hours prior to initial use.
The handset's rechargeable battery will be charged when it's on the base's charge contacts; the CHARGE indicator will light when it is placed in the base.
NOTES:
• The Low battery indicator will appear in the display when the battery power is low and needs recharging. If the battery becomes weak while you are on a call, the Battery Low indicator in the LCD display will blink and a beep will be heard every 12 seconds. In this case, end the call immediately and return to the base for recharging.
• Every few months, or when charging becomes abnormal, clean the contacts of the handset and the base with a standard pencil eraser.
• To maximize battery life, fully discharge the battery every month or two. To do this, simply unplug the telephone line cord and press the TALK button until the battery is discharged, and then recharge it.

9

SET-UP INSTRUCTIONS

### SETTING THE RINGER VOLUME

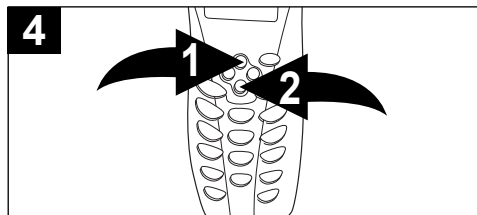Set the ringer volume (HI, LOW, OFF) while in the Standby mode as follows:
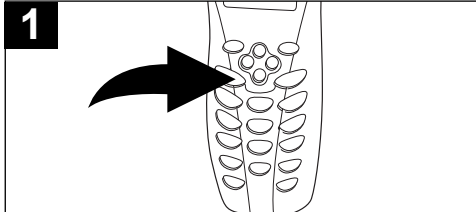
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.

2
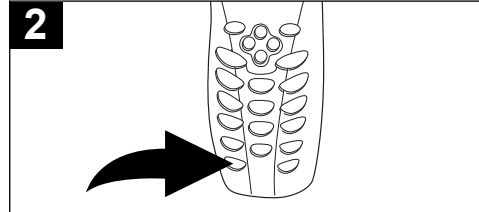
Press the EDIT/FLASH button to change the setting; the Ringer Volume setting will blink.

3
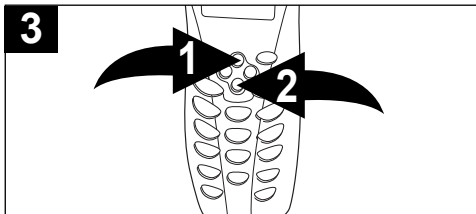
Press the Scroll Up ❶ or Down ❷ button to select a desired ringer volume (HI, LOW or OFF).
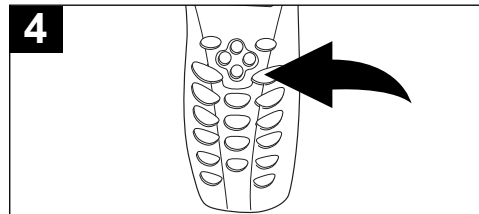
4

When the desired Ringer Volume setting appears, press and hold the SAVE/RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

5
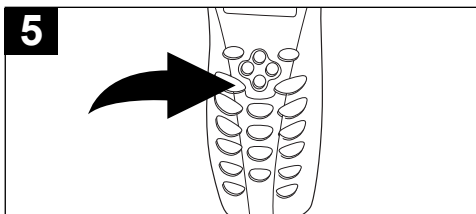
You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

NOTE:
A button must be pressed within 20 seconds, or the unit will revert back to the Standby mode.

10

SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE LANGUAGE

Set the language (ENGLISH, SPANISH, FRENCH) while in the Standby mode as follows:
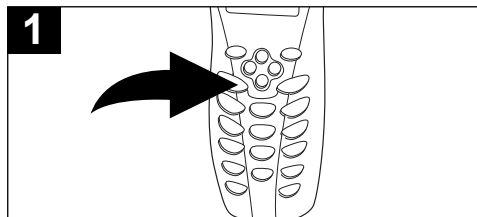
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.
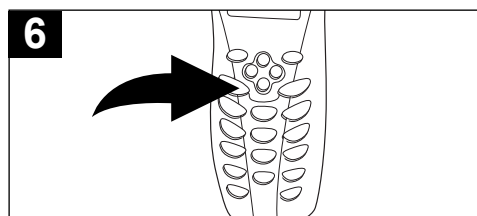
2
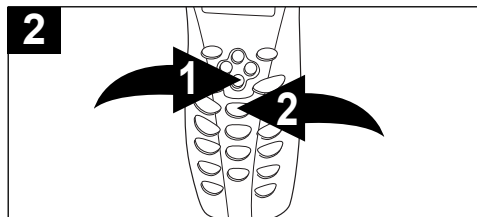
Press the Scroll Down button ❶ once or the 2 key button ❷ once; the Language setting will appear.

3
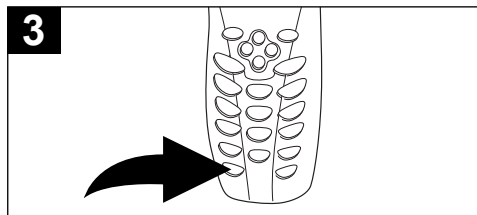
Press the EDIT/FLASH button to change the setting; the Language setting will blink.

4

Press the Scroll Up ❶ or Down ❷ button to select the desired language (ENGLISH, SPANISH or FRENCH).

5
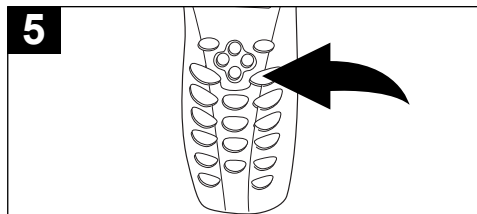
When the desired Language setting appears, press and hold the SAVE/ RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

6
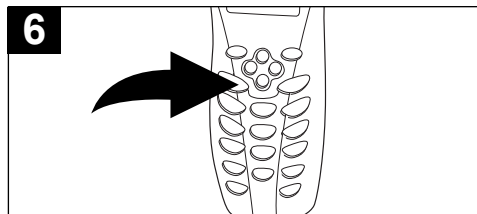
You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE FIRST RING

This feature will turn the first ring of the phone On or Off. Set to Off so the phone does not ring until the Caller ID information has been displayed. Turn the first ring option On or Off while in the Standby mode as follows:
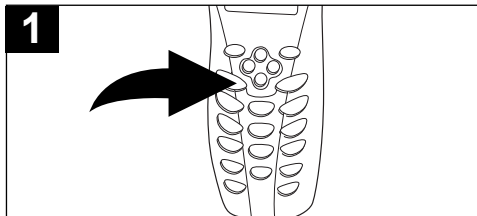
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.

2
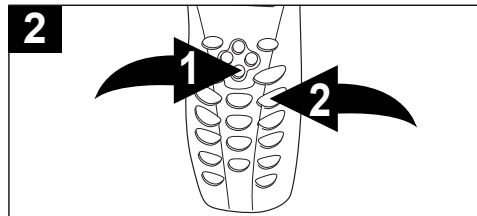
Press the Scroll Down button ❶ twice or the 3 key button ❷; the First Ring will appear.

3
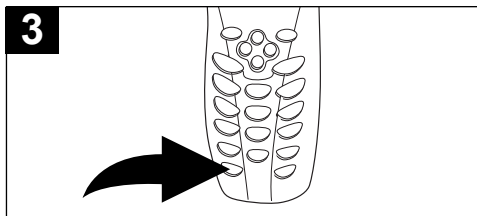
Press the EDIT/FLASH button to change the setting; the First Ring setting will blink.

4
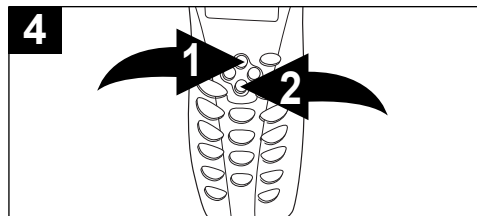
Press the Scroll Up ❶ or Down ❷ button to turn the First Ring On or Off.

5
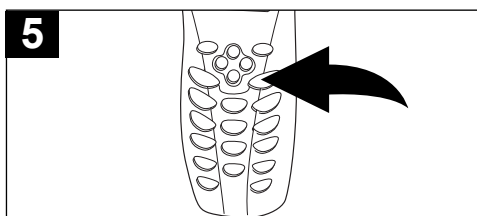
When the desired First Ring setting appears, press and hold the SAVE/ RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

6

You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

12

SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE TIME AND DATE

Change the Time and Date while in the Standby mode as follows:
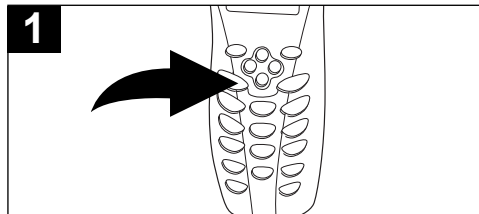
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.
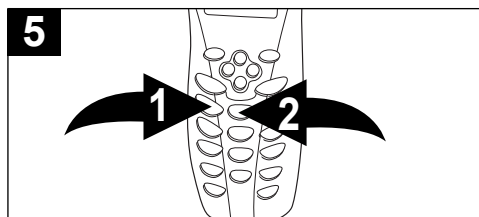
2
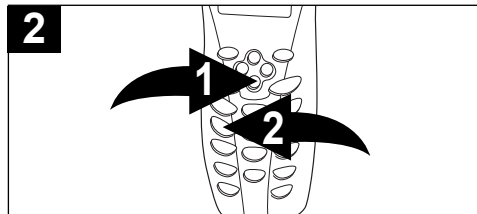
Press the Scroll Down button ❶ three times or the 4 key button ❷; the Time Setting will appear.
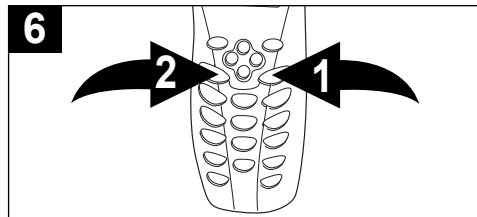
3
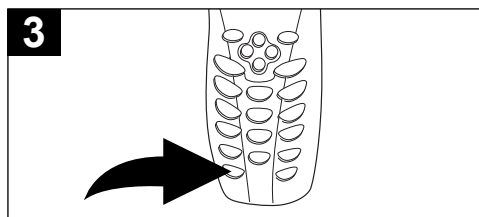
Press the EDIT/FLASH button to change the setting; the month setting will blink.
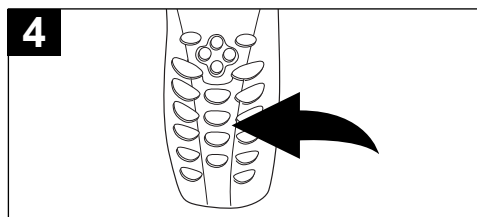
4

Set the month using the Key buttons (0-9). Repeat this step to set the date, hour, and minutes; the AM/PM indicator will then be blinking.

5

Press the 1 Key button to choose AM ❶ or the 2 Key button ❷ to choose PM.

6

When finished, press and hold the SAVE/RE/PA button ❶ for more than two seconds; a long beep will be heard to confirm the setting has been saved. You can continue with programming or press the VOICE MAIL/MENU button ❷ to return to the Standby mode.

13

SET-UP INSTRUCTIONS (CONTINUED)

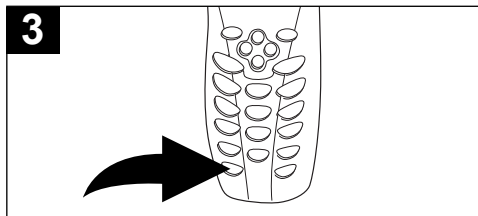### SETTING THE LCD CONTRAST

If you find the LCD screen difficult to read, set the contrast level while in the Standby mode as follows:
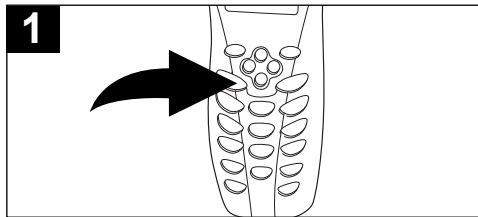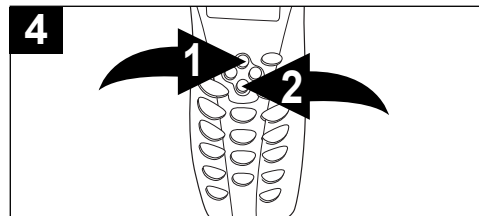
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.
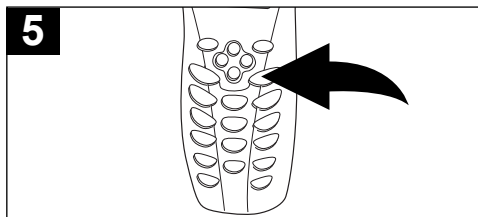
2
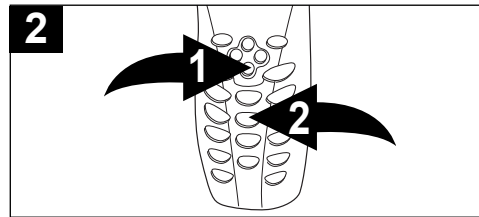
Press the Scroll Down button ❶ four times or the 5 key button ❷; the Contrast setting will appear.

3

Press the EDIT/FLASH button to change the setting; the Contrast setting will blink.

4

Press the Scroll Up ❶ or Down ❷ button to adjust the Contrast level.

5

When the desired Contrast setting appears, press and hold the SAVE/ RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

6

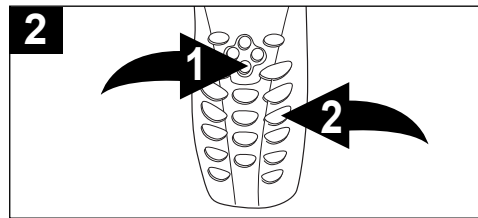You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

14
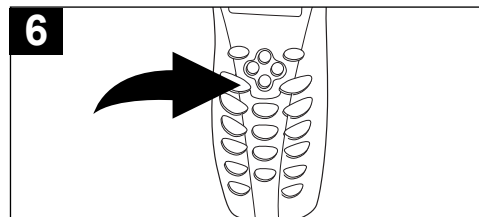
# SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE PBX NUMBER

This feature will insert a number (0-9) before the outgoing number, if required. When a number is selected, the unit will automatically dial the preset PBX number and a pause before any speed dial or Caller ID callback. Set the PBX number while in the Standby mode as follows:
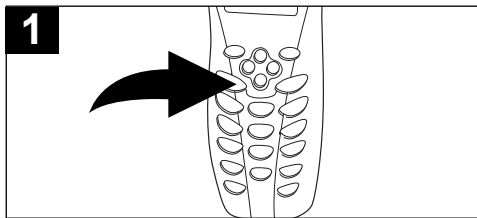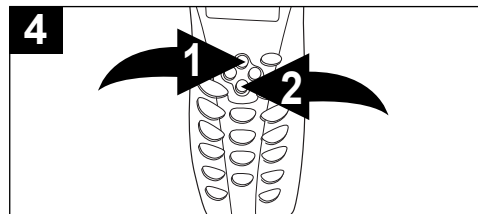
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.
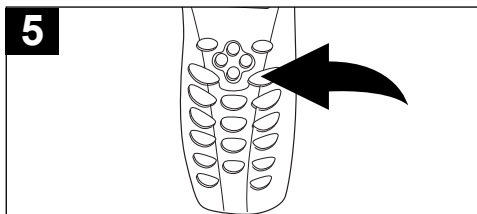
2

Press the Scroll Down button ❶ five times or the 6 key button ❷ once; the PBX Number setting will appear.

3
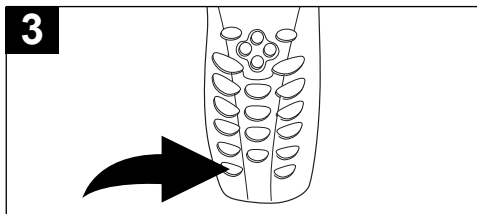
Press the EDIT/FLASH button to change the setting; the PBX Number setting will blink.

4

Press the Scroll Up ❶ or Down ❷ button to select a PBX Number or Off (to turn the PBX setting Off).

5

When the desired PBX Number setting appears, press and hold the SAVE/ RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

6

You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

15
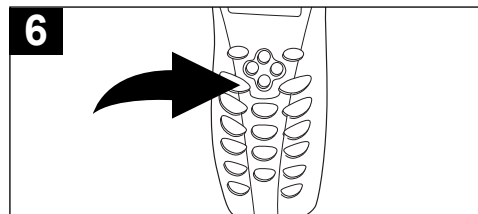
## SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE FLASH TIME

This unit enables you to select the standard flash time applicable to your calling area, which is useful when "clicking" over to a call waiting call or for PBX systems. If you are not sure of the flash time, call your local telephone company. Set the Flash Time while in the Standby mode as follows:
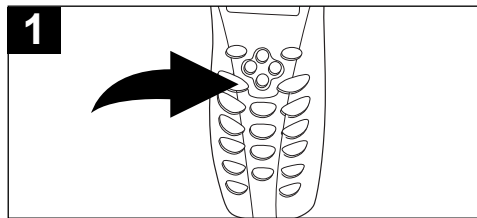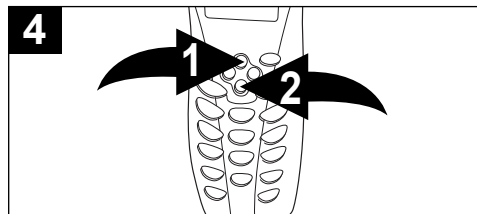
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.
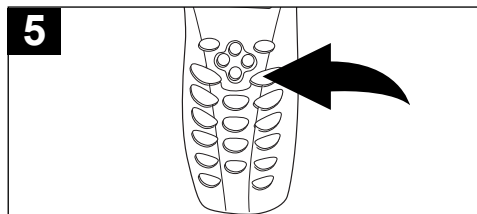
2
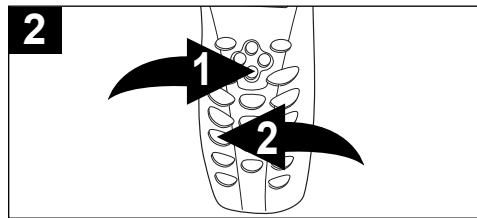
Press the Scroll Down button ❶ six times or the 7 key button ❷; the Flash Time setting will appear.

3
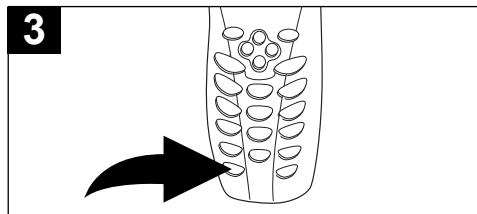
Press the EDIT/FLASH button to change the setting; the Flash Time setting will blink.

4

Press the Scroll Up ❶ or Down ❷ button to select a desired Flash Time (in milli-seconds).

5

When the desired Flash Time setting appears, press and hold the SAVE/ RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.
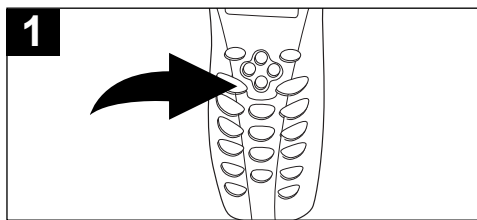
6

You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

16
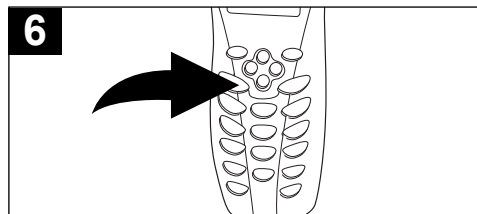
SET-UP INSTRUCTIONS (CONTINUED)
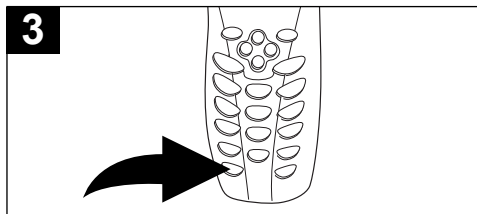
SETTING THE PAUSE TIME

This unit enables you to change the number of seconds that a pause lasts when using programmed pauses in your speed dial numbers or after your PBX number. Set the Pause Time while in the Standby mode as follows:
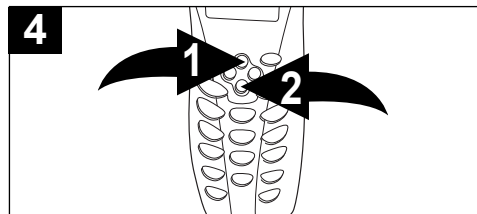
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.
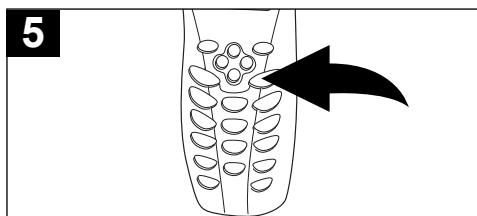
2
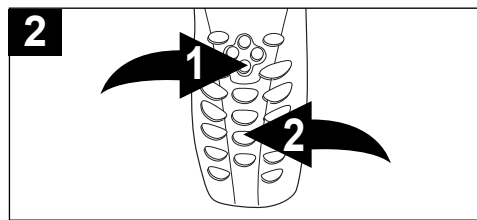
Press the Scroll Down button ❶ seven times or the 8 key button ❷; the Pause Time setting will appear.

3

Press the EDIT/FLASH button to change the setting; the Pause Time setting will blink.

4

Press the Scroll Up ❶ or Down ❷ button to select the desired Pause Time.

5

When the desired Pause Time setting appears, press and hold the SAVE/ RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

6

You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

17
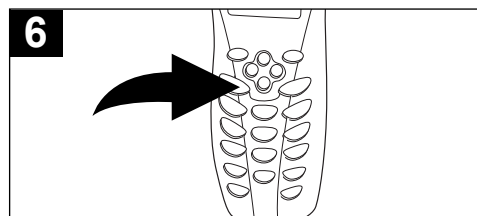
SET-UP INSTRUCTIONS (CONTINUED)
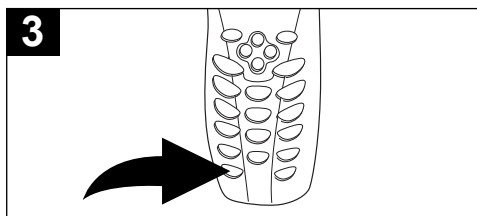
SETTING THE VOICE MAIL

This unit enables you to store the Voice Mail Post Code number in your area. This will automatically connect you to the Voice mail server provider with one touch dialing. Set the Voice Mail setting while in the Standby mode as follows:
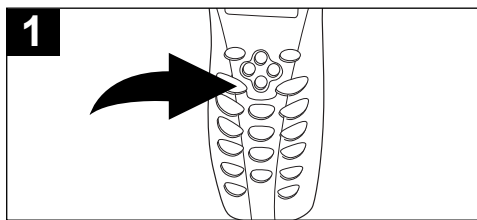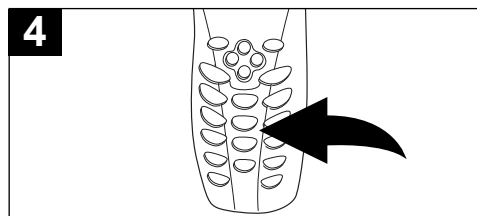
1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.

2
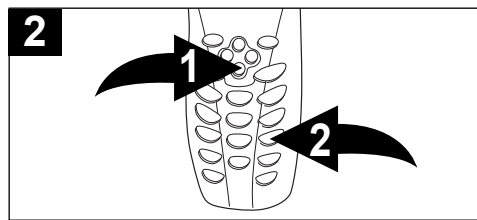
Press the Scroll Down button ❶ eight times or the 9 key button ❷; the Voice Mail setting will appear.

3

Press the EDIT/FLASH button to change the setting; the Voice Mail setting will blink.

4

Use the Key buttons (0-9) to enter the phone number used to access your voice mail messages (up to 15 digits).
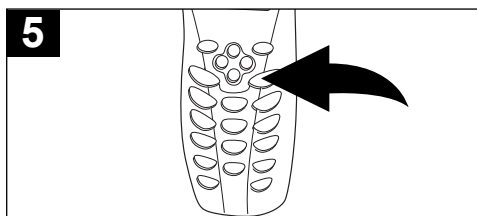
5

When the desired Voice Mail number has been set, press and hold the SAVE/RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

6

You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

18
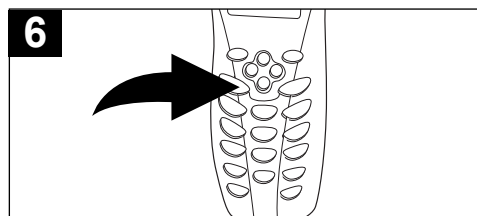
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE MESSAGE WAITING

The unit's Message Waiting setting is set to OFF by default. Message Waiting will turn on automatically only when your local phone company sends the signal provided that this optional service is available in your area. When all messages have been received, the local telephone company will send a signal to turn the Message Waiting off. In the unlikely event the Message Waiting On signal fails to turn off due to a data capturing error, simply turn it off while in the Standby mode as follows:

1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.

2

Press the Scroll Down button ❶ nine times or the 0 key button ❷; the Message Waiting setting ("MSG WAITING") will appear.
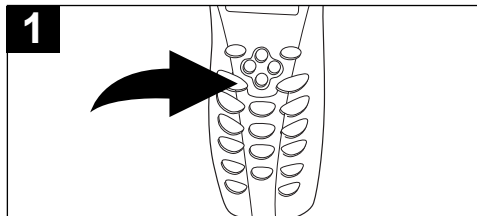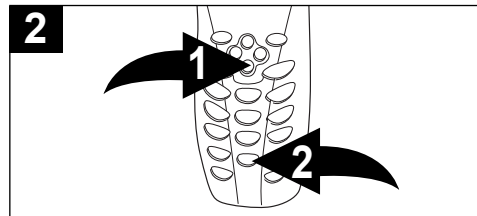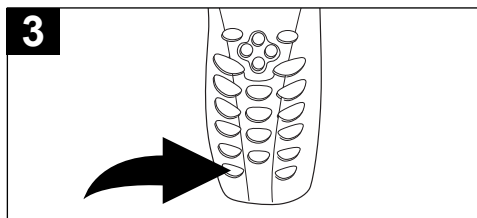
3

Press the EDIT/FLASH button to reset the Message Waiting indication; "DEL" will appear.
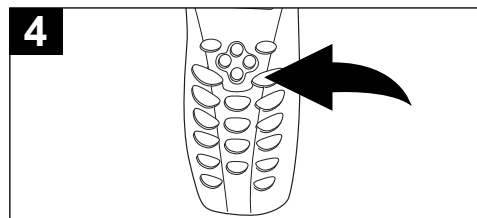
4

Press and hold the SAVE/RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

5

You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

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SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE AREA CODE

This unit does not require any programming of an area code. However, this setting could be used to add the local area code to numbers that were stored as 7 digits in the memory and/or 10 digit dialing if required by the local telephone company. Set while in the Standby mode as follows:

1

Press and hold the VOICE MAIL/ MENU button for more than two seconds; the Ringer Volume setting will appear in the display.
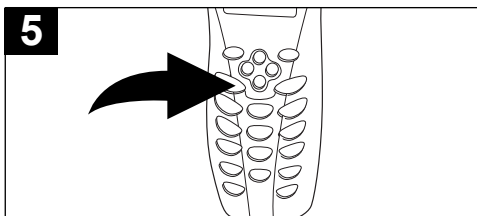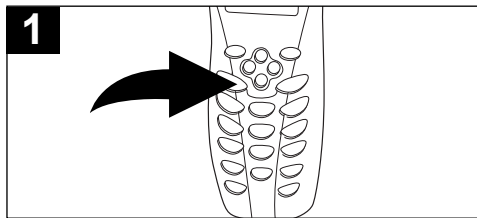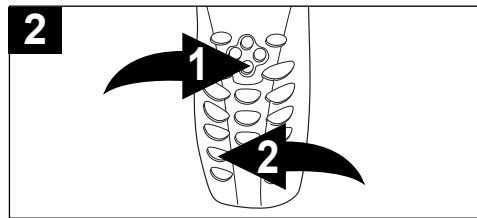
2

Press the Scroll Down button ❶ ten times or the Temporary Tone/∗ button ❷; the Area Code setting will appear.

3
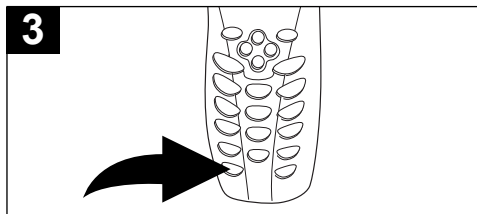
Press the EDIT/FLASH button to change the setting; the Area Code setting will blink.

4
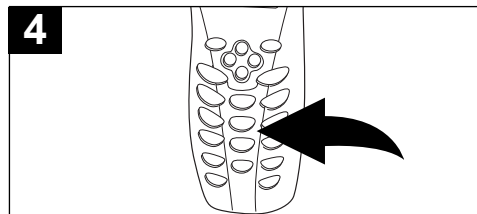
Use the Key buttons (0-9) to enter the three digit area code for your phone number.
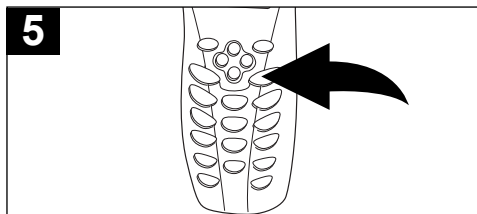
5

When the desired Area Code has been set, press and hold the SAVE/ RE/PA button for more than two seconds; a long beep will be heard to confirm the setting has been saved.

6

You can continue with programming or press the VOICE MAIL/MENU button to return to the Standby mode.

20
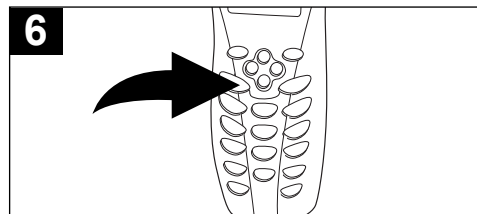
TELEPHONE OPERATION

TONE/PULSE SWITCH
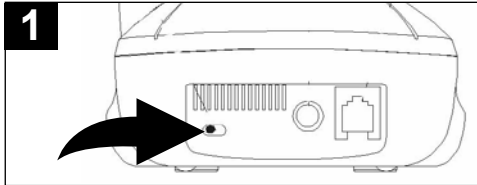
Slide the TONE/PULSE switch on the side of the base to TONE or PULSE to match the service provided on your telephone line. If you are not sure of your service, please contact your telephone company.

PLACING A CALL
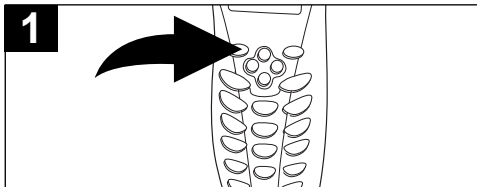
After the battery has been fully charged, press the TALK button and listen for a dial tone; the timer will start counting in the display.
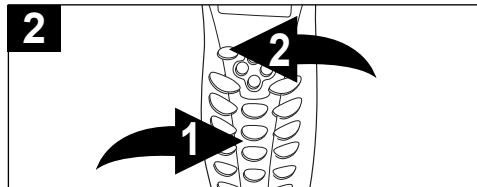
Press the Key buttons (0-9) ❶ to dial the phone number you wish to call. When finished talking, press the TALK button ❷ again or place the handset on the base to hang up.

NOTES:
- You can also dial the number first, then press the TALK button. The unit will then dial the number automatically.
- Do not use this telephone within 20 feet of a microwave that is cooking as you may experience interference.

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TELEPHONE OPERATION (CONTINUED)

RECEIVING A CALL
Up to 80 incoming calls are saved in the Caller ID log.

1

Make sure that the Caller ID service is turned on by your phone company. When you receive a call, the display will show the name of the caller and number of the call. To answer the call, press the TALK button. The display will show the amount of time you have been on the phone. When finished, press the TALK button again or place the handset on the base to hang up.

NOTES:
- If you subscribe to Caller ID, the time and date are automatically set when the first call is received.
- Calls picked up on the first ring will not be logged in the Caller ID log.
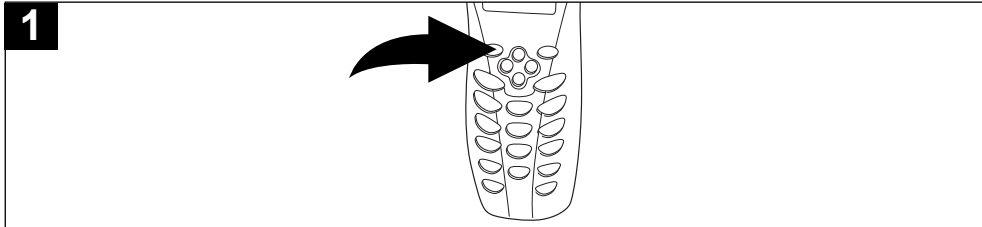- Press the Scroll Right button to view caller ID information of more than 11 characters.

WHAT APPEARS IN THE CALLER ID DISPLAY
- When the incoming call has been assigned to your telephone number, the display will show "C-F" (Forwarded Call).
- When the incoming call is a long distance call and this service is provided by your local phone company, the display will show "L-D-C" (Long Distance Call).
- If a call is received from an area which does not provide caller ID service, the display will show "UNAVAILABLE".
- If a call was received incorrectly or only part of the data was received, the display will show "DATA ERROR".
- If a call is received from a caller that has blocked his/her information, the display will show "PRIVATE".
- Call Waiting calls are shown in the Caller ID log if you subscribe to the extra feature from the phone company that allows this.
- If there are new calls, the total number and "NEW CALL" will appear in the display.

22

TELEPHONE OPERATION (CONTINUED)

REDIALING A NUMBER
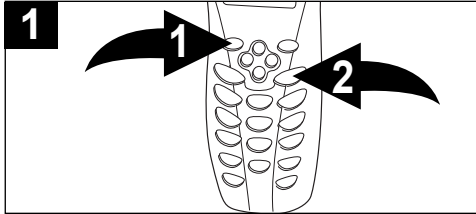
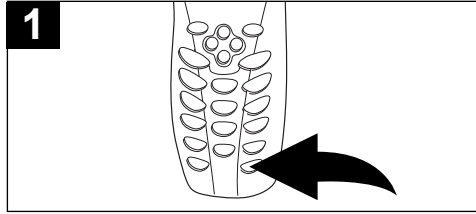Press the TALK button ❶ (the display will light), followed by the SAVE/RE/PA button ❷ to automatically redial the last number dialed on this handset (up to 32 digits).
**NOTE:** Please note that only the last number you called on this handset can be stored in the Redial memory.

CHANNEL SELECTION

The base unit will automatically search for the clearest channel in the Talking mode. However, should you hear static or noise during the course of a conversation which makes it difficult to hear the caller, the DEL/CHAN button on the handset allows you to choose between 50 preset frequencies.

ENDING A CALL
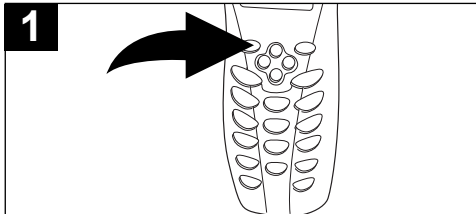
To end a call, simply return the handset to the base, or press the TALK button on the handset.

ADJUSTING EARPHONE VOLUME
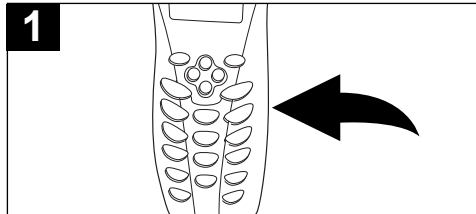
To adjust the volume in the handset receiver, slide the Receiver Volume switch to the HI, MID or LOW position.

OUT OF RANGE

The handset and base communicate up to a maximum range. The distance can be affected by the weather, power lines or other cordless telephones. You are out of range and should move closer when:
• You hear noise or static.
• You cannot receive an incoming call.

23

TELEPHONE OPERATION (CONTINUED)

USING THE TEMPORARY TONE

1

If you are in a Pulse dialing area you may still take advantage of touch-tone services after dialing to respond to touch-to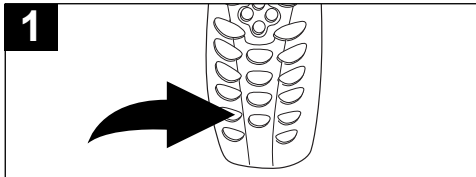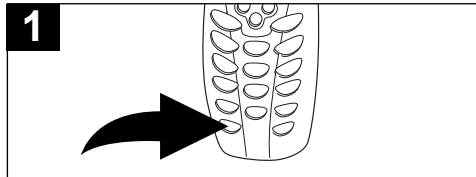ne prompts. To do this, press the Temporary Tone/∗ Button to temporarily change the dialing mode from Pulse to Tone after dialing in the Pulse mode. This will enable Pulse users to access touch-tone services. It will revert back to Pulse after hanging up.

CALL WAITING

1

If you subscribe to Call Waiting through your local phone company, and you receive another phone call while having a conversation, the phone will alert you with a beep and the display will show the name and number of the second caller. Simply press the EDIT/FLASH button to answer the new call. Press the EDIT/FLASH button again to return to the original call. Call Waiting Caller ID also needs to be subscribed to in order to see the new caller's name/number on the display if you are already on the phone.

PAGING THE HANDSET

1
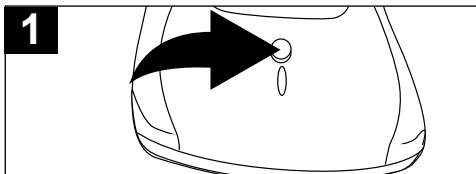
Press the PAGE button on the base to locate the handset when not in use; the handset will beep for one minute and "PAGING" will appear in the display during paging. Press the PAGE button again on the base to stop.

INSERTING A PAUSE

1
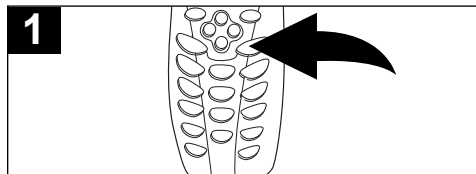
In some cases, such as a PBX or long distance service, a pause may be needed in the dialing sequence. Pressing the SAVE/RE/PA button on the handset will insert a four second delay between dialed numbers. Pauses can also be entered in programming dialing sequence in memory dialing.

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TELEPHONE OPERATION (CONTINUED)

MESSAGE WAITING FUNCTION
When a caller has recorded a message on a personal message service, "MSG WAITING" will appear in the display and the NEW CALL/MSG WAITING indicator will blink green. These will disappear when you retrieve your message.
NOTE: This feature is only for subscribers of a voice mail message waiting service. Also, the local phone company must provide a type of voice mail signaling called 'FSK" (Frequency Shift Key). Not all phone companies have the visual message waiting feature available. Please contact your local telephone company to check if this is available in your area.

DIGITAL SECURITY SYSTEM

The security code prevents your cordless telephone conversation from being accessed by a phone on a different line. Once the handset battery is fully charged, the handset will automatically select the code from a total of over 65,535 combinations. The code is changed every time the handset is placed in the cradle.

If you experience difficulty with placing or receiving calls, a lost security code may be the cause of the problem. When this occurs, the handset can no longer communicate with the base. Reset by placing the handset on the base for 5-10 seconds. If that does not work, unplug the AC adaptor from the wall outlet. Disconnect the handset battery for 5-10 seconds, then reconnect. Place the handset back on the base and then plug in the AC adaptor.

25

TELEPHONE OPERATION (CONTINUED)

CHECKING THE CALLER ID LOG
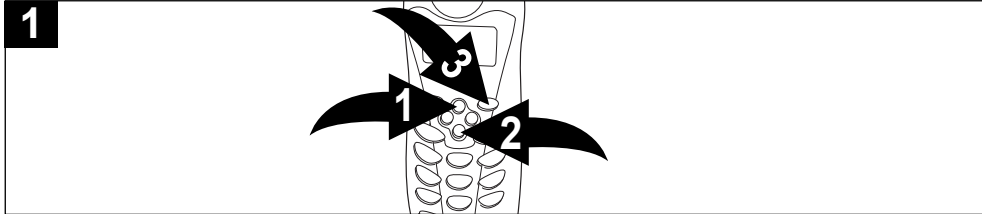
While the handset is in the Standby mode, press the Scroll Up ❶ or Down ❷ button; any unviewed (new) caller ID information will be displayed first. The information of the call, including name, number, date and time received will be displayed. Press the Scroll Down button to cycle through the calls from the last call received to the first Caller ID record. Press the scroll Up button to cycle through the calls from the first call received to the last. Press the DIR button ❸ to return to the Standby mode.
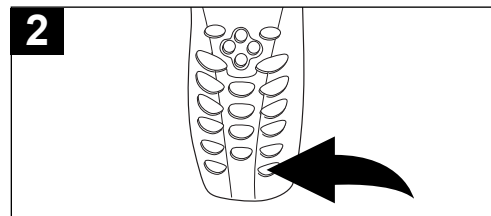
NOTES:
• The NEW CALL/MSG WTG indicator will blink red until all new caller ID information has been reviewed.
• Press the Scroll Right button to view caller ID information of more than 11 characters.

DELETING ONE NAME/NUMBER FROM THE CALLER ID LOG
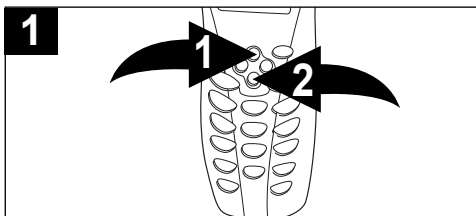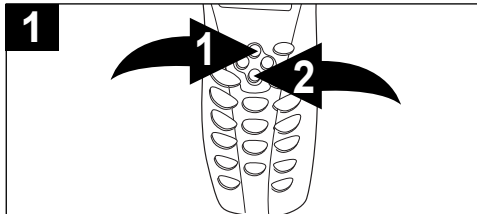

Scroll through the calls to select a number to delete using the Scroll Up ❶ or Down ❷ button.
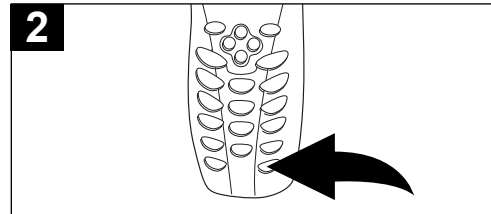

Press the DEL/CHAN button ; "ERASE ITEM?" will appear in the display. Press the DEL/CHAN button again; the display will show "ERASED".

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TELEPHONE OPERATION (CONTINUED)

### DELETING ALL NAME(S)/NUMBER(S) FROM THE CALLER ID LOG

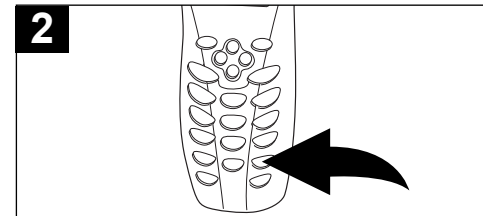| 1	2
Enter the caller ID display by pressing the Scroll Up ❶ or Down ❷ button.	Press and hold the DEL/CHAN button; "ERASE ALL?" will appear in the display. Press the DEL/CHAN button again; the display will show "ALL ERASED" and then return to the Standby mode.

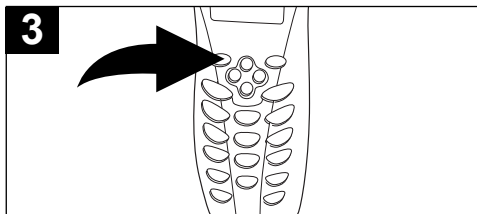### DIALING A NUMBER IN THE CALLER ID DISPLAY

You can automatically call a number from the caller ID log as follows:
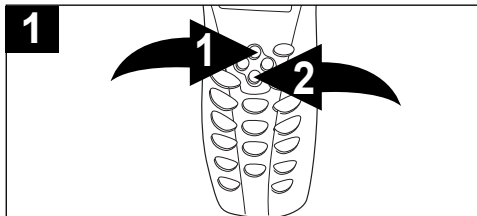
1	2
Scroll through the calls to select a number to call using the Scroll Up ❶ or Down ❷ button.	Press the Option/# button to change the displayed number to 7, 10 or 11 digits. The first dialing option displayed is 11 digits, for a long distance call.

3	4
Press the TALK button to dial the displayed number. Press the TALK button again or return the handset to the base to end the call.	Press the DIR button to cancel dialing and return to the standby mode.
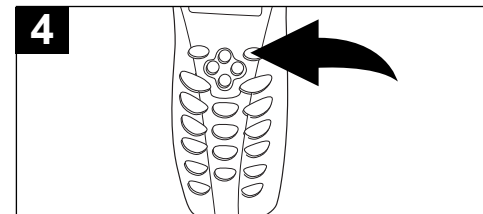
27

TELEPHONE OPERATION (CONTINUED)

STORING NAMES & TELEPHONE NUMBERS IN THE PHONEBOOK

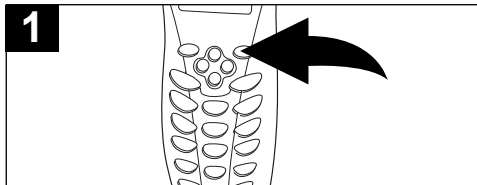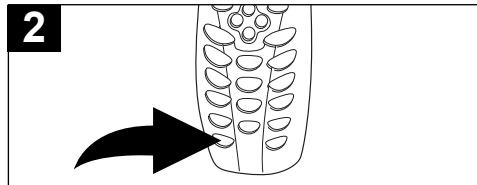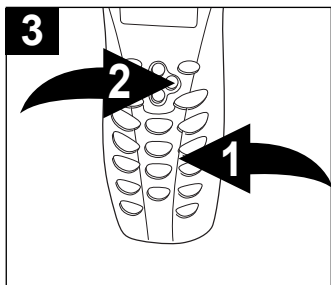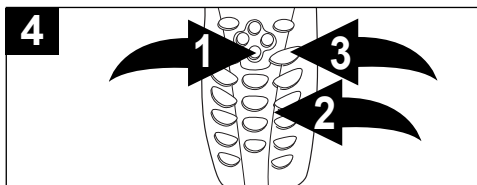The memory can store up to 40 name/telephone numbers.

1

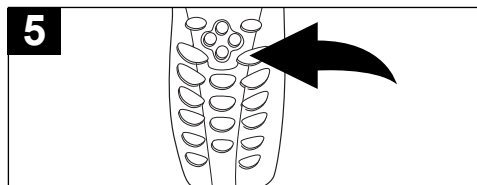Press the DIR button while in the Standby mode.

2

Press the EDIT/FLASH button to create a new directory entry.

3

See the Character Map Chart on the top of the next page and using the Key buttons (0-9,*,#) ❶, enter the name. To move the cursor to the right, create a space or enter a new letter, press the Scroll Right ❷ button. For example, press the 4 button ❶ once to enter a "G", then press the Scroll Right ❷. Press the 7 button ❶ three times to enter the second character, "R". Repeat this step until all letters have been entered (up to 18).

4

Press the Scroll Down button ❶ and enter the telephone number using Key buttons (0-9,*,#) ❷. You can store up to 22 digits. Briefly press the SAVE/RE/PA button ❸ to insert a pause.

5

Press and hold the SAVE/RE/PA button to store the number into memory. Press the DIR button to return to the Standby mode, or if no buttons are pressed within 20 seconds, the unit will automatically revert back to the Standby mode.

NOTES:
- If the data is stored in a location where data has already been stored, the old data will be overwritten.
- When storing a telephone number, e.g. 9655588 into the Phonebook, the display will show 9 655 588. However, the correct format sequence of 965-5588 will display after it is saved.
- "MEMORY FULL" will appear in the display when there are no memory locations left.
- To edit a phone number after it has been typed in already, move through the number using the Scroll Left or Right button. To delete a character or number inside the cursor, press the DEL/CHAN button.

28

TELEPHONE OPERATION (CONTINUED)

CHARACTER MAP CHART

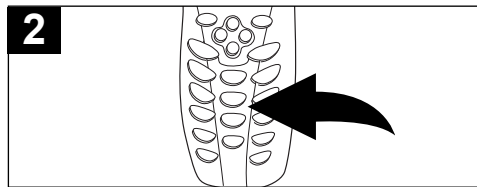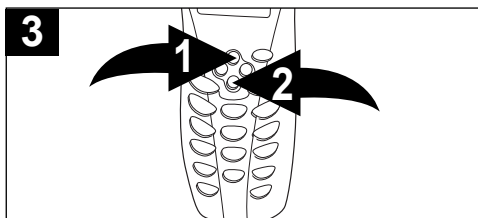| Key	1 press	2 press	3 press	4 press	5 press	6 press	7 press	8 press	9 press
1	Space	1	&	'	(	)	.		
2	A	B	C	a	b	c	2		
3	D	E	F	d	e	f	3		
4	G	H	I	g	h	i	4		
5	J	K	L	j	k	l	5		
6	M	N	O	m	n	o	6		
7	P	Q	R	S	p	q	r	s	7
8	T	U	V	t	u	v	8		
9	W	X	Y	Z	w	x	y	z	9
0	0								
$*$	$*$								
#	#								

VIEWING THE PHONEBOOK

1
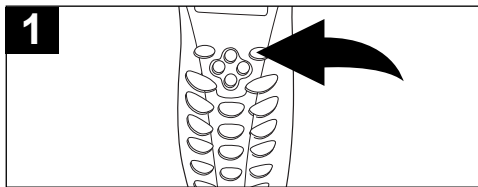
Press the DIR button.

2

Press the Key button that corresponds to the first letter of the saved name (three beeps will sound if no entries are stored under those letters).

3

Press the Scroll Up ❶ or Down button ❷ to locate the desired record.
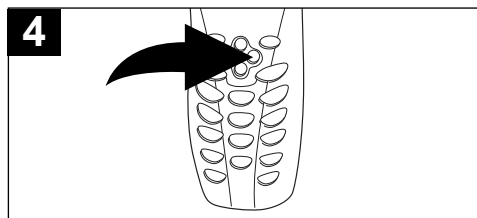
4

Press the Scroll Right button to view a name of more than 11 characters. If the number has more than 11 digits, the last 11 digits will be displayed first. Press the scroll Right button to view the preceding numbers.
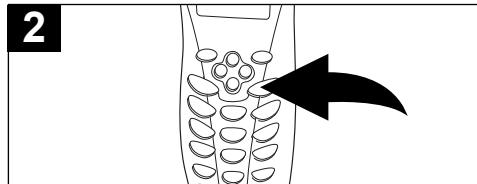
29

TELEPHONE OPERATION (CONTINUED)

SAVING CALLER ID INFORMATION TO THE PHONEBOOK
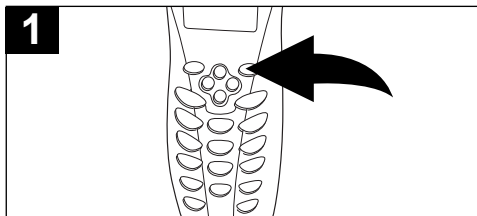The Phonebook can save the information directly from the caller ID.

1
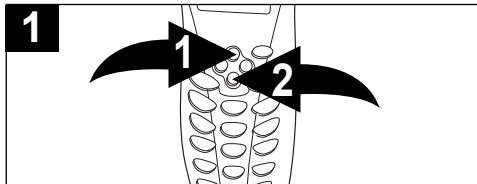
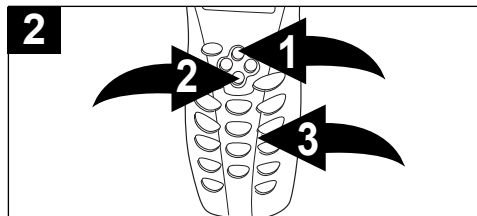Scroll through the calls to select a number using the Scroll Up ❶ or Down button ❷.

2

Press and hold the SAVE/RE/PA button; "SAVED" will appear in the display.

DIALING A NUMBER FROM THE PHONEBOOK
To select and dial a number from the phonebook, follow the steps below:

1

While in the Standby mode, press the DIR button.

2

Press the Scroll Up ❶ or Down button ❷ to locate the desired Phonebook entry **OR:** Press the Key button ❸ that corresponds to the first letter of the saved name, then press the Scroll Up or Down button to locate the desired number.
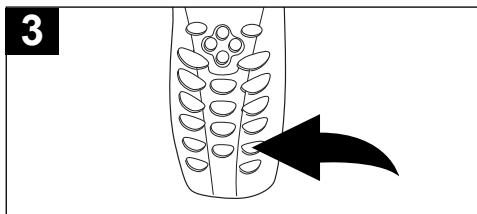
3

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

4

Press the TALK button to dial the displayed number.

30

TELEPHONE OPERATION (CONTINUED)

EDITING TELEPHONE NUMBERS/NAMES

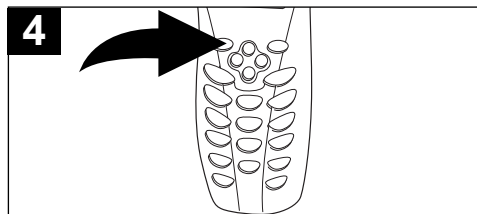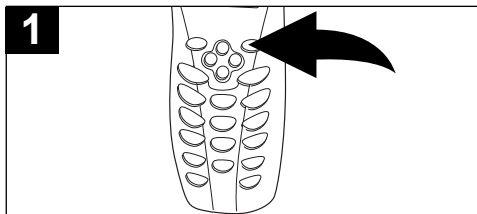You can edit a phone number in the Phonebook as follows:

1

While in the Standby mode, press the DIR button

2
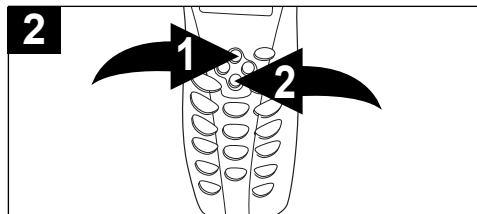
Press the Scroll Up ❶ or Down button ❷ to locate the desired Phonebook entry.

3
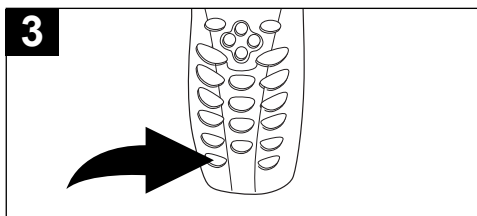
Press the EDIT/FLASH button; the entry will display a blinking prompt over the first character.
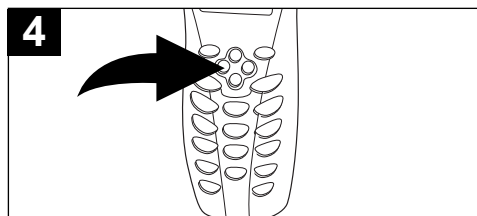
4

Move the cursor over the letter/number you want to edit using the Scroll buttons.
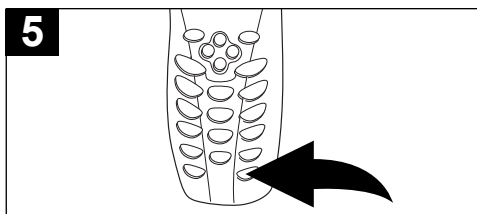
5

To erase a character, press the DEL/CHAN button. To add a letter or number, use the Key buttons; characters/numbers will be inserted in front of the cursor.
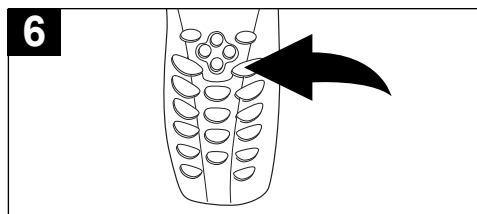
6

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

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DELETING A NUMBER FROM THE PHONEBOOK
Delete a number from the Phonebook as follows:
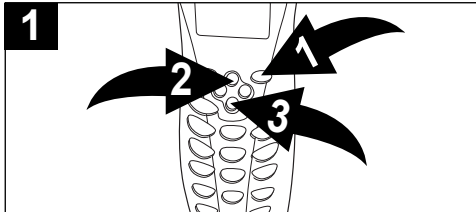
Press the DIR button ❶ while in the Standby mode and locate the entry to be deleted using the Scroll Up ❷ or Down button ❸.
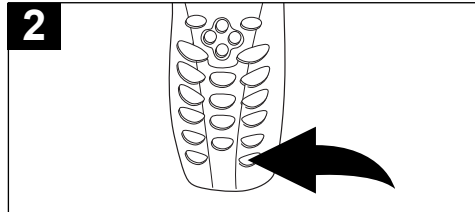
Press the DEL/CHAN button ; "ERASE ITEM?" will appear in the display. Press the DEL/CHAN button again; the display will show "ERASED".

PREFERRED CALLS
This function allows you to recognize an incoming caller from the ringing sound by assigning a priority ring to the designated number from the Phonebook as follows:
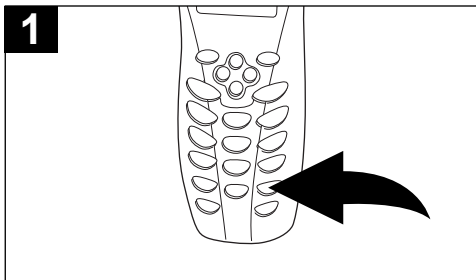
To assign a preferred call, simply insert "#" at the beginning of the name by pressing the "#" when storing.

BLOCKED CALLS
This function allows you to block calls from preselected numbers. When a call is received from a "blocked number", the phone will not ring.
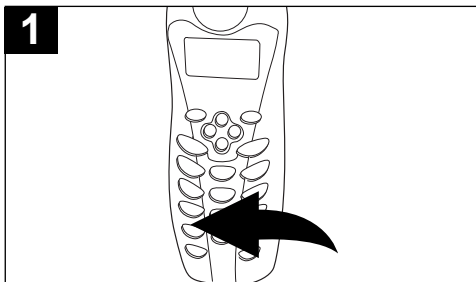
To assign a blocked call, simply insert "∗" at the beginning of the name by pressing the "∗" when storing.

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TROUBLESHOOTING GUIDE (TELEPHONE)

SYMPTOM	SOLUTION
No dial tone	Check that the telephone line cord connectors at both ends are pushed in firmly until they click.
	If you had a power failure or had unplugged the base unit, return the handset on the base unit for five to 10 seconds to reset the system.
Does not ring	Check to see if the RINGER switch is set to OFF.
	You may have exceeded the Ringer Equivalence Number (REN) limit of how many phones can be connected to the same line. The REN total of all devices (printed on the bottom label of each unit) should not exceed five (5). Disconnect the appropriate units to lower the REN total.
	Check to see if you have programmed a number to be a blocked call. Refer to the "BLOCKED CALLS" section of the manual.
No power on the handset unit	Check for the Ni-Cd battery pack connection inside the battery compartment on the handset.
	The handset rechargeable Ni-Cd battery pack may need charging.
Does not charge	Make sure the charging contacts on both the base unit and the handset are in contact during charging.
	The charging contacts may need cleaning with an alcohol-moistened cloth or pencil eraser.
Range is limited	Move the base unit so that it is centrally located in your residence or office and make sure that the base unit is not located near appliances.
Calls received flutters or fades	The handset rechargeable Ni-Cd battery pack may need charging.
Interference on reception	Choose an alternate channel using the DEL/CHAN button on the handset.

TROUBLESHOOTING GUIDE (CALLER ID)

SYMPTOM	SOLUTION
The Caller ID LCD panel is blank	Check the power connections.
	Check the telephone line cord connections.
	Check the batteries for proper installation.
	The handset LCD panel will only start displaying information after the first call is received.
The Caller ID LCD panel does not show the caller's name and/ or phone number	The Caller ID unit will not function until you have Caller ID service provided by your local phone company. Call your local phone company to have Caller ID installed on your telephone line.
	Check your telephone line connections. Make sure all connections are secure and connected.
	If you have a telephone answering device (TAD) connected with the unit, set the TAD to answer after two rings or more.
	If it is a blocked call or an out-of-area call, the caller's name and/or phone number will not appear on the display.
	If only the caller's phone number appears on the display, it may be a Single Data Message Format (SDMF) call, as opposed to a Multiple Data Message Format (MDMF) call.
Random characters and/or "DATA ERROR" on the LCD panel	On rare occasions, the Caller ID information sent by the telephone company may have an error during the transmission. This is not the fault of your Caller ID unit.
Cannot erase call records in memory	The DEL/CHAN button must be pressed and held for at least two seconds.
Cannot get Call Waiting identification on the LCD panel	Subscription to Caller ID Call Waiting (CIDCW) is required from your local phone company for the CIDCW function to operate properly. Call your local phone company for details.

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CARE AND MAINTENANCE

1. Clean your phone with a damp (never wet) cloth. Solvent or detergent should never be used.

2. Avoid operating your unit under direct sunlight or in hot, humid or dusty places.

3. Keep your unit away from heating appliances.

FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE, PLEASE VISIT OUR WEBSITE AT
WWW.MEMOREXELECTRONICS.COM

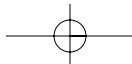**OR CONTACT CUSTOMER SERVICE AT 1-800-919-3647**

PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

FOR PARTS AND ACCESSORIES, CONTACT FOX INTERNATIONAL AT 1-800-321-6993.
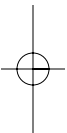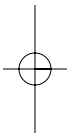
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