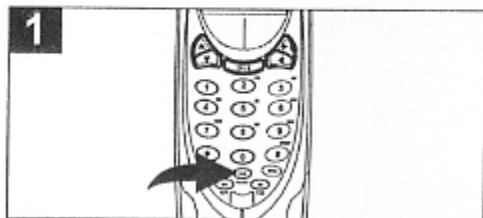


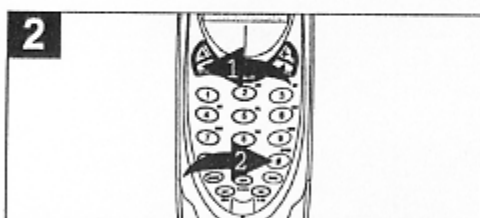
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE TONE/PULSE OPTION

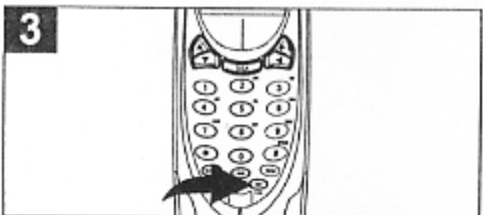
Set the Tone/Pulse option as shown to match the service provided on your telephone line. If you are not sure of your service, please contact your telephone company. The factory preset position for this switch is TONE.



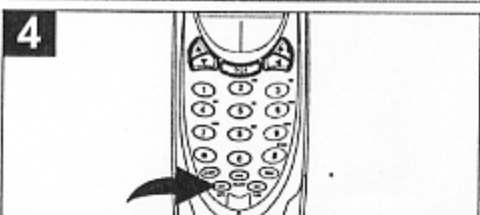
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



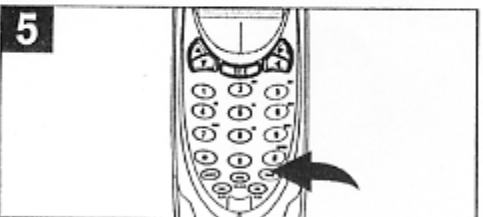
Press the Scroll Down button 1 twelve times or the OPTION/# button 2; the Tone/Pulse setting will appear.



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



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.

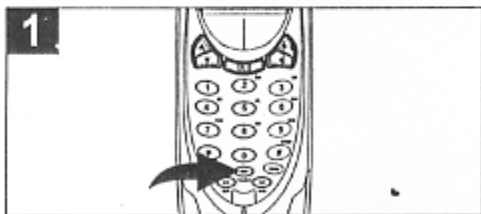


You can continue with programming or press the DIR/ESC button to return to the Standby mode.

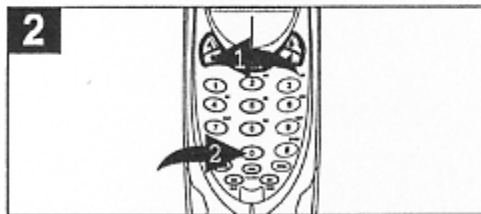
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE MESSAGE WAITING

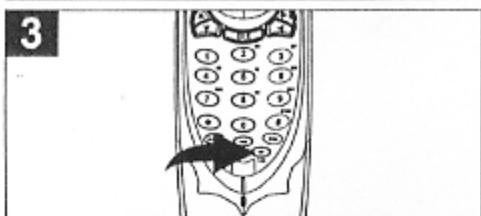
The unit's Message Waiting setting is set to OFF by default. Message Waiting will turn on automatically only when your local phone company sends the signal provided that this optional service is available in your area. When all messages have been received, the local telephone company will send a signal 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:



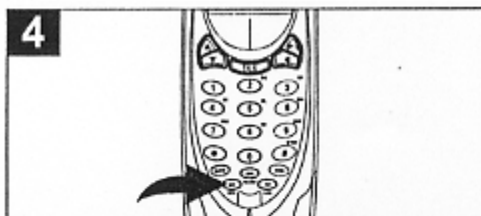
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



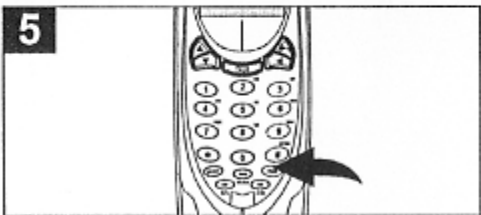
Press the Scroll Down button ① ten times or the 0 Key button ②; the Message Waiting setting ("MSG WAITING") will appear.



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



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.



You can continue with programming or press the DIR/ESC button to return to the Standby mode.

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

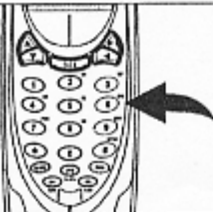
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.

2

Press the Scroll Down button **1** nine times or the 9 Key button **9**; 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.

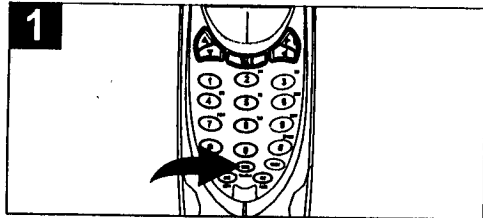
6

You can continue with programming or press the DIR/ESC button to return to the Standby mode.

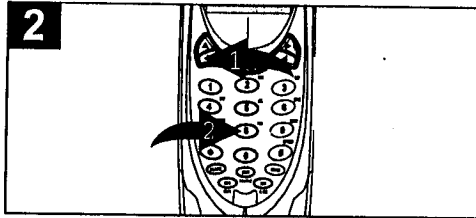
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE PAUSE TIME

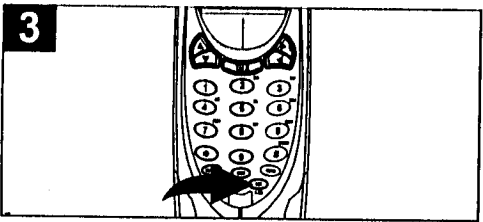
This unit enables you to change the number of seconds that a pause lasts when using programmed pauses in your speed dial numbers or after your PBX number. Set the Pause Time while in the Standby mode as follows:



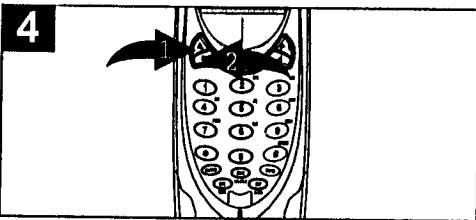
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



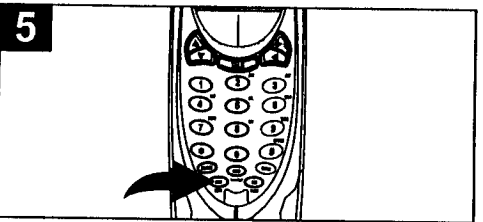
Press the Scroll Down button ❶ eight times or the 8 Key button ❷; the Pause Time setting will appear.



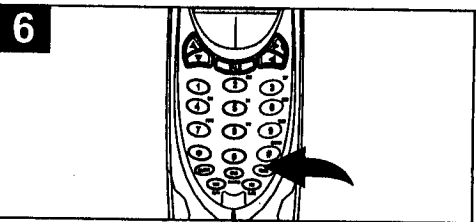
Press the EDIT/FLASH button to change the setting; the Pause Time setting will blink.



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



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.

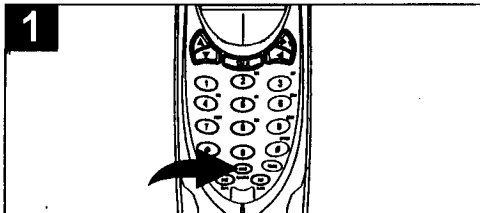


You can continue with programming or press the DIR/ESC button to return to the Standby mode.

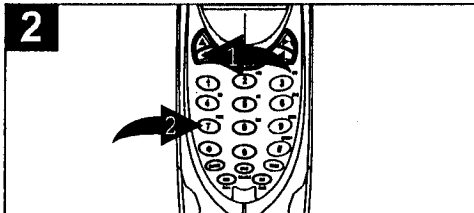
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE FLASH TIME

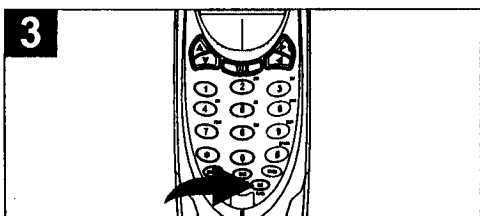
This unit enables you to select the standard flash time applicable to your calling area, which is useful when "clicking" over to a call waiting call or for PBX systems. If you are not sure of the flash time, call your local telephone company. Set the Flash Time while in the Standby mode as follows:



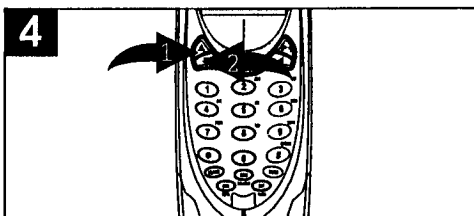
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



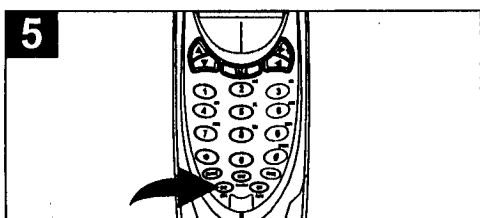
Press the Scroll Down button ❶ seven times or the 7 Key button ❷; the Flash Time setting will appear.



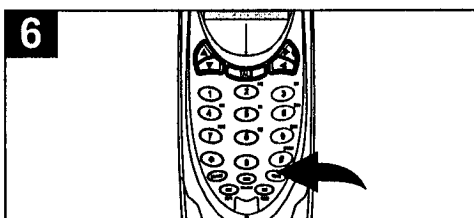
Press the EDIT/FLASH button to change the setting; the Flash Time setting will blink.



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



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.

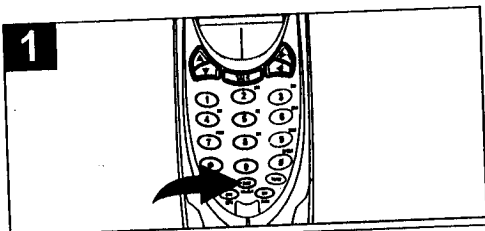


You can continue with programming or press the DIR/ESC button to return to the Standby mode.

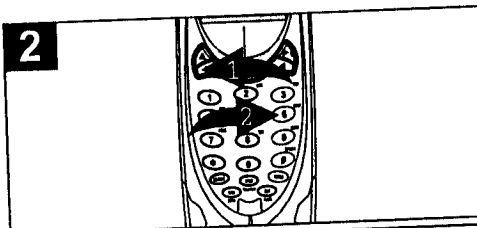
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE PBX NUMBER

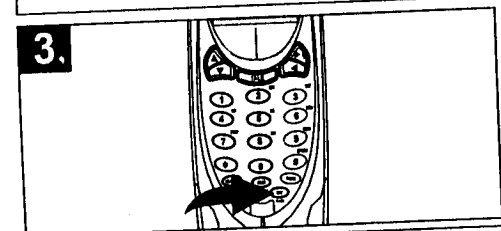
This feature will insert a number (0-9) before the outgoing number, if required. When a number is selected, the unit will automatically dial the preset PBX number and a pause before any speed dial or Caller ID callback. Set the PBX number while in the Standby mode as follows:



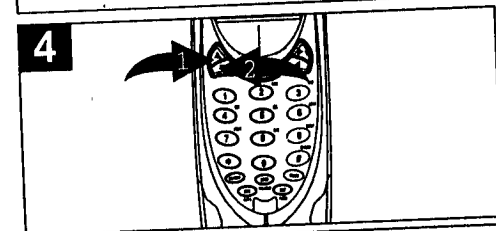
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



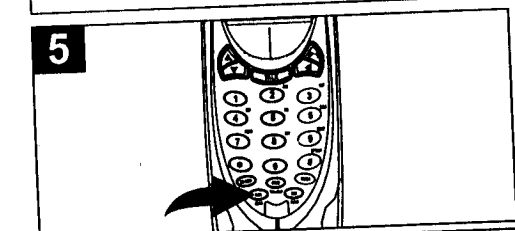
Press the Scroll Down button ① six times or the 6 Key button ② once; the PBX Number setting will appear.



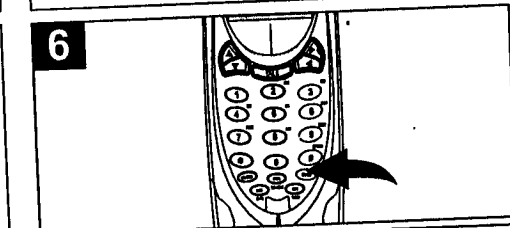
Press the EDIT/FLASH button to change the setting; the PBX Number setting will blink.



Press the Scroll Up ① or Down ② button to select a PBX Number or Off (to turn the PBX setting Off).



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.

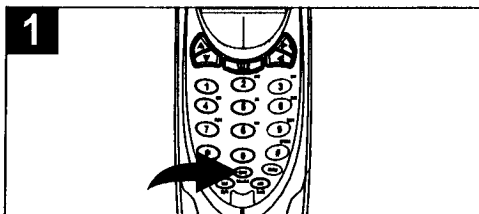


You can continue with programming or press the DIR/ESC button to return to the Standby mode.

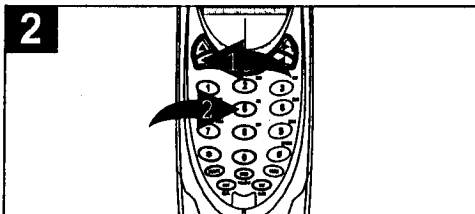
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE LCD CONTRAST

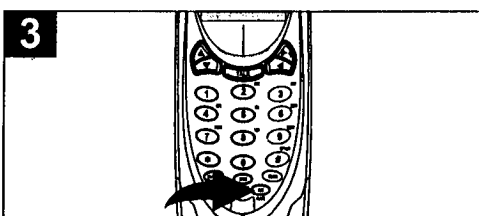
If you find the LCD screen difficult to read, set the contrast level while in the Standby mode as follows:



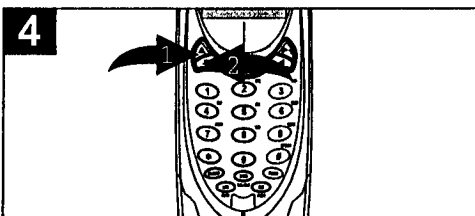
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



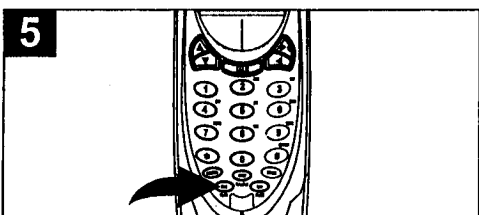
Press the Scroll Down button ① five times or the 5 Key button ②; the Contrast setting will appear.



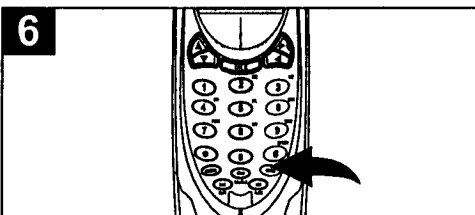
Press the EDIT/FLASH button to change the setting; the Contrast setting will blink.



Press the Scroll Up ① or Down ② button to adjust the Contrast level.



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.

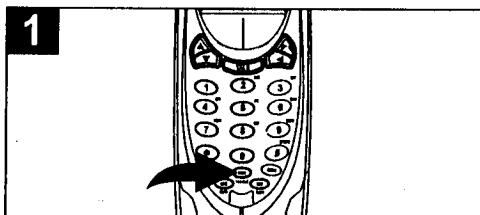


You can continue with programming or press the DIR/ESC button to return to the Standby mode.

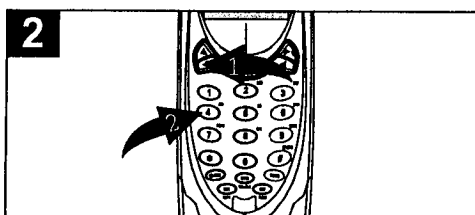
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE TIME AND DATE

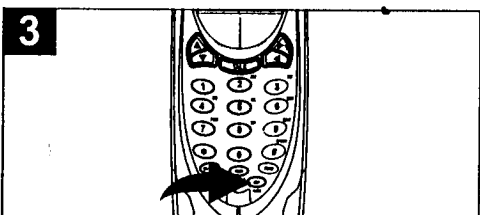
Change the Time and Date while in the Standby mode as follows:



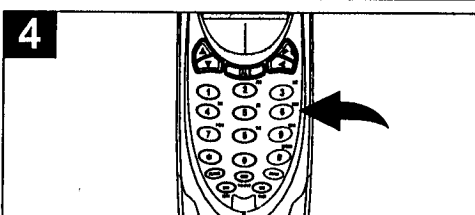
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



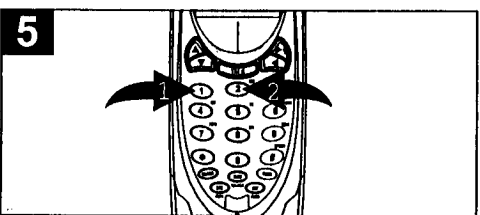
Press the Scroll Down button ❶ four times or the 4 Key button ❷; the Time Setting will appear.



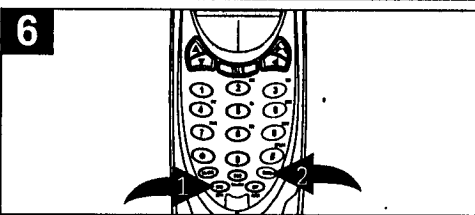
Press the EDIT/FLASH button to change the setting; the month setting will blink.



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.



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

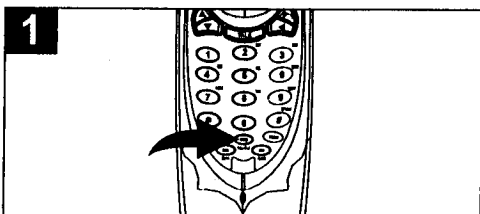


When finished, press and hold the SAVE/RE/PA button ❶ for more than two seconds; a long beep will be heard to confirm the setting has been saved. You can continue with programming or press the DIR/ESC button ❸ to return to the Standby mode.

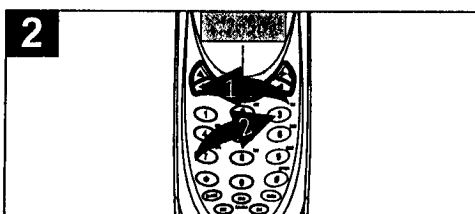
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE FIRST RING

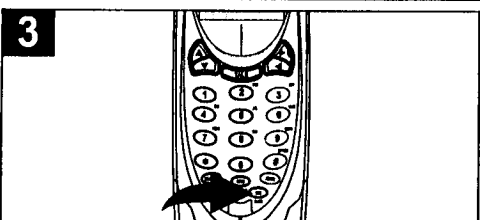
This feature will turn the first ring of the phone On or Off. Set to Off so the phone does not ring until the Caller ID information has been displayed. Turn the first ring option On or Off while in the Standby mode as follows:



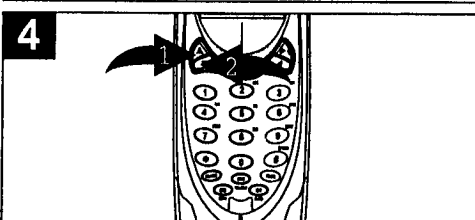
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



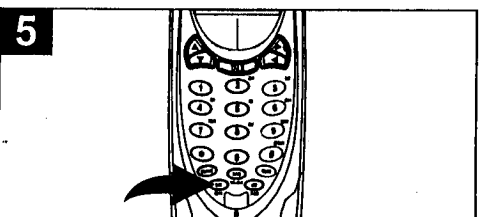
Press the Scroll Down button ❶ three times or the 3 Key button ❷; the First Ring will appear.



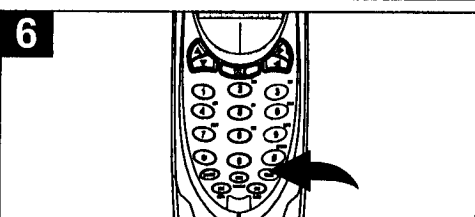
Press the EDIT/FLASH button to change the setting; the First Ring setting will blink.



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



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.

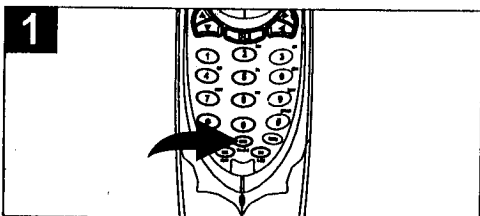


You can continue with programming or press the DIR/ESC button to return to the Standby mode.

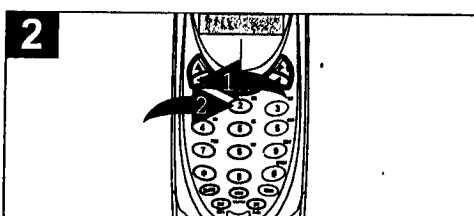
SET-UP INSTRUCTIONS (CONTINUED)

SETTING THE LANGUAGE

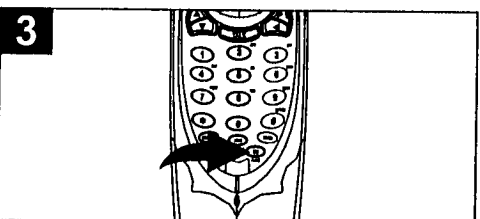
Set the language (ENGLISH, SPANISH, FRENCH) while in the Standby mode as follows:



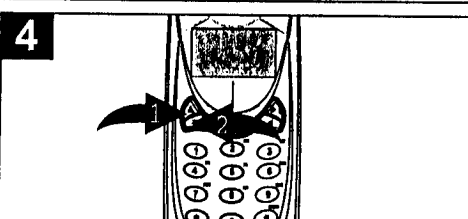
Press the VOICE MAIL/MENU button, the word "Function" will appear in the display.



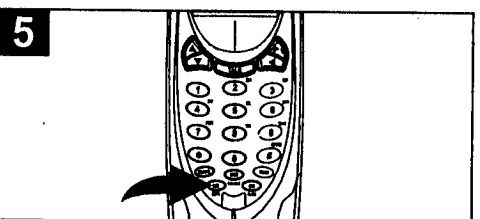
Press the Scroll Down button ① twice or the 2 Key button ② once; the Language setting will appear.



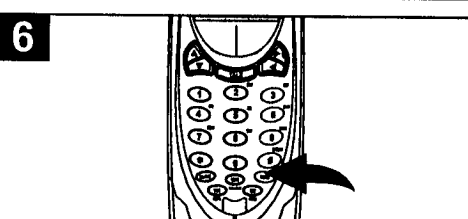
Press the EDIT/FLASH button to change the setting; the Language setting will blink.



Press the Scroll Up ① or Down ② button to select the desired language (ENGLISH, SPANISH or FRENCH).



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.

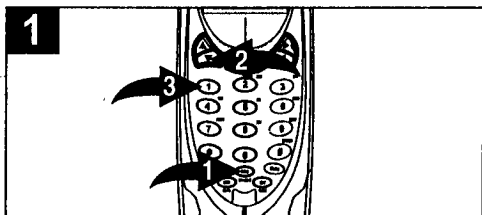


You can continue with programming or press the DIR/ESC button to return to the Standby mode.

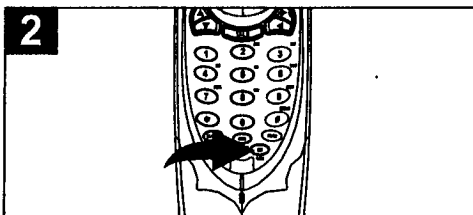
SET-UP INSTRUCTIONS

SETTING THE RINGER VOLUME

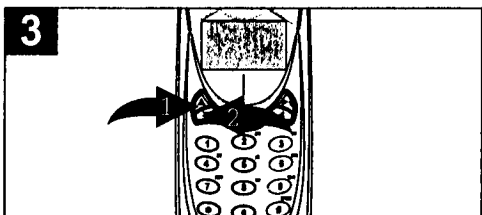
Set the ringer volume (HI, LOW, OFF) while in the Standby mode as follows:



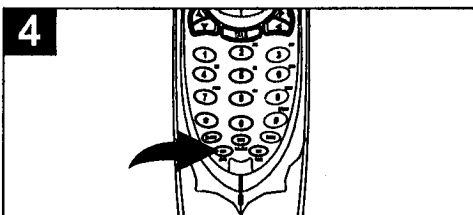
Press the VOICE MAIL/ MENU button ❶, the word "Function" will appear in the display. Press the Scroll Down button ❷ or the 1 Key button ❸ once, the Ringer Volume setting will appear in the display.



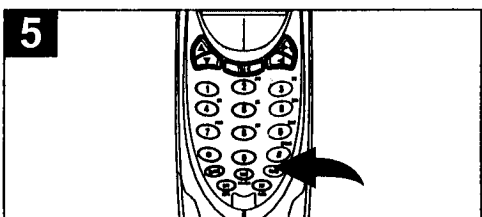
Press the EDIT/FLASH button to change the setting; the Ringer Volume setting will blink.



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



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.



You can continue with programming or press the DIR/ESC button to return to the Standby mode.

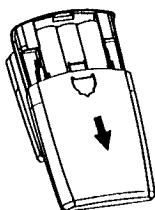
NOTE:

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

INSTALLATION INSTRUCTIONS (CONTINUED)

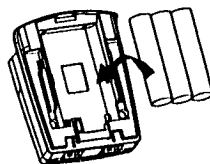
INSTALLATION OF THE RECHARGEABLE BATTERY

1



Remove the battery cover located on the rear of the handset by pressing on the top cover and sliding it downward.

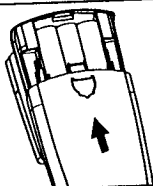
2



Connect the Ni-MH battery pack plug into the battery connector; the LCD display will turn on in the Standby mode.

Insert the Ni-MH battery pack into the battery compartment.

3



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.

INSTALLATION INSTRUCTIONS (CONTINUED)

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.

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
 - Handset Unit
 - Rechargeable Ni-MH Battery Pack (3.6V, 600mAH)
 - AC Adapter (AC120V, 60Hz/DC9V, 300mA $\ominus \oplus$)
 - Telephone Line Cord
 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 6:

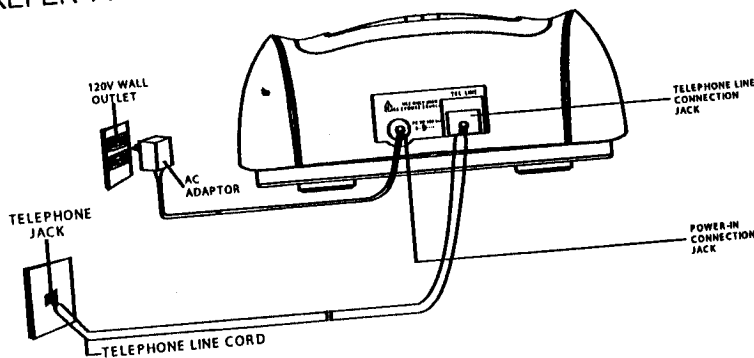
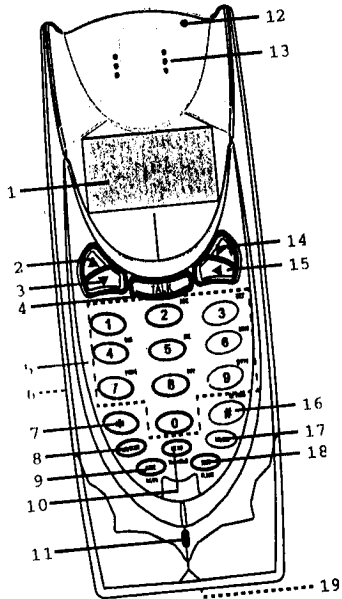


Figure 1

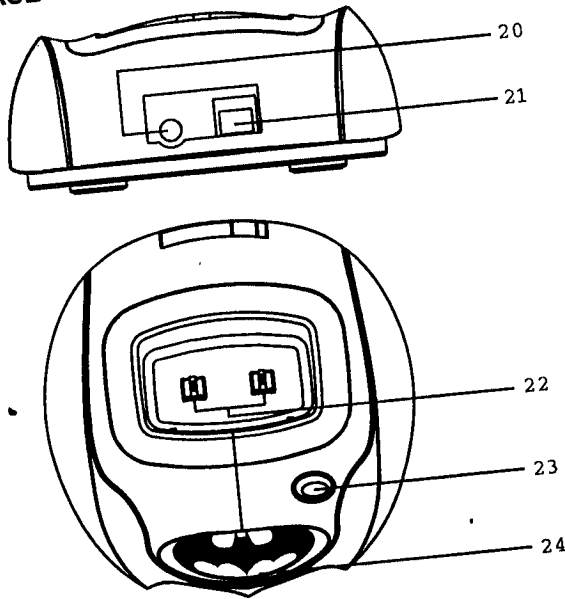
4. Connect one end of the telephone line cord into the TEL LINE jack on the rear of the base unit and the other end into a modular telephone jack.
 5. Insert the small plug at the end of the DC adapter into the DC 9V jack located at the rear of the base unit.
- NOTE:** Use only the center-positive 9V DC adapter provided with your unit.
6. Plug the AC adapter into a standard 120V AC wall outlet.

LOCATION OF CONTROLS AND INDICATORS

HANDSET



BASE



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

EXERCISE CAUTION AS UNIT HAS SHARP POINTS.

CONTENTS

Important Safety Precautions	1	Deleting a Number from the Phonebook	32
Contents	4	Preferred Calls.....	32
Location of Controls and Indicators	5	Blocked Calls.....	32
Installation Instructions	6	Specifications.....	33
Headset Connection	7	Troubleshooting Guide	34
Installation of the Rechargeable Battery ...	8	Care and Maintenance	35
Charging the Rechargeable Battery	8		
Set-Up Instructions	9		
Setting the Ringer Volume.....	9		
Setting the Language	10		
Setting the First Ring	11		
Setting the Time and Date	12		
Setting the LCD Contrast.....	13		
Setting the PBX Number	14		
Setting the Flash Time.....	15		
Setting the Pause Time	16		
Setting the Voice Mail.....	17		
Setting the Message Waiting.....	18		
Setting the Area Code	19		
Setting the Tone/Pulse Option	20		
Telephone Operation	21		
Placing a Call.....	21		
Receiving a Call.....	22		
What Appears in the Caller ID Display ...	22		
Redialing a Number.....	23		
Channel Selection	23		
Ending a Call	23		
Adjusting the Handset Volume	23		
Out of Range	23		
Using the Temporary Tone.....	23		
Call Waiting	24		
Paging the Handset.....	24		
Inserting a Pause.....	24		
Message Waiting Function	25		
Digital Security System.....	25		
Checking the Caller ID Log.....	26		
Deleting One Name/Number from the Caller ID Log.....	26		
Deleting All Name(s)/Number(s) from the Caller ID Log.....	27		
Dialing a Number in the Caller ID Display	27		
Storing Names & Telephone Numbers in the Phonebook.....	28		
Character Map Chart.....	29		
Viewing the Phonebook.....	29		
Saving Caller ID Information to the Phonebook	30		
Dialing a Number from the Phonebook ...	30		
Editing Telephone Number(s)/Name(s)...	31		

IMPORTANT SAFETY PRECAUTIONS (CONTINUED)

1. If your local telephone exchange only accepts Pulse dialing, you may have to press the Temporary Tone/* button 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 press the Temporary Tone/* button to access Tone signalling.
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 RJ-11C.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs 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 RENs 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 RENs, 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 and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in 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 or 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.

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, 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; 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. Never install telephone wire during a lightning storm.
11. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
12. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
13. Use caution when installing or modifying telephone lines.
14. 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

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.



DANGEROUS VOLTAGE:

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.



ATTENTION:

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

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.

WARNING

USE UNDER SUPERVISION OF AN ADULT DUE TO LONG CORD.

This unit has a long AC cord or other long cord that can easily be tripped on or pulled on, causing injury. Please make sure it is arranged so it will not drape over a tabletop, etc. where it can be pulled on by children or tripped over accidentally.