12. USER'S MANUAL

FCC RF EXPOSURE INFORMATION

WARNING! Read this information before using your phone

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.0 cm. from the body. To maintain compliance with FCC RF exposure guidelines, use only belt-clips, holsters or similar accessories that maintain a 1.0 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure guidelines, and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

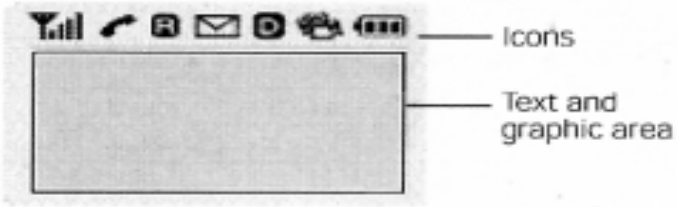
Key	Functions
MENU	Enters the menu facility. Also, scrolls through the menu options.
OK	*Performs several useful functions:* -In Standby mode, slide it up to find your Phone Book entry by location number. -In Standby mode, slide it down to view your Phone Book (in alphabetical order). -In Standby mode, slide it left to launch the PIM Schedulor. -From Standby or Conversation mode, slide it right to access the Messages Menu, slide and hold it to listen to your voice mail. -In Standby mode, press it to launch the Web Browser. -When navigating a menu, press it to select the highlighted item.
CLR	Deletes characters from the display. *In the menu facility*, returns to the previous menu level.
SEND	Makes or answers a call. *In Standby mode*, enters the Outgoing Call Log.
END/PWR	Ends a call. Also switches the phone on and off when pressed and held. *In the menu facility*, returns to the idle mode and cancels your input.

Key	Functions *(continued...)*
0 – 9	Enters numbers, letters and some special characters.
#	*In Standby mode*, if you hold down the # key, the alert type quickly switches to the vibrate mode (see page 28).

Display

Display Layout

The display comprises two areas; an upper line of fixed icons, and the lower text and graphic area. The following icons display at power-on:



Icons

Signal strength : Shows the received signal strength. The greater the number of bars, the better the signal strength.

Service: Appears when a call is in progress.

No service indicator: Appears when you are outside a service area. When it appears, you cannot make or receive calls. Wait a little while for a signal or move into an open area.

Roaming: Appears When you are out of your home area and have registered with a different network (when travelling in other countries, for example).

New Message: Appears when a new message has been received.

Digital mode: Indicates that the phone is in a Digital mode.

Vibrator on: Appears when vibrate mode is on. An incoming call will vibrate the phone rather than ring it.

Battery strength: Shows the level of your battery. The more bars you see, the more power you have left.

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. A travel charger is provided with your phone. Use only approved batteries and chargers. Ask your local SAMSUNG dealer for further details.

The phone can be used while the battery is charging.

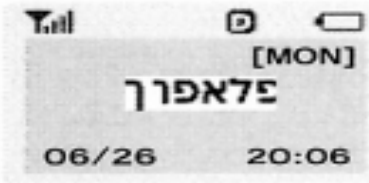
Note: You must fully charge the battery before using your phone for the first time.

1. Connect the lead from the travel charger to the bottom of the phone. Check that the arrow on the lead connector is facing towards the front of the phone.

2. Connect the charger to a standard AC wall outlet. The color indication of the lamps on the charger is as follows:
   Red: charging
   Green: fully charged
3. When charging is finished, disconnect the charger from the power outlet.
   Disconnect the adapter from the phone by pressing the grey tabs on either side of the connector and pulling the connector out.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, an empty battery icon (no bars displayed) flashes in the upper right corner of the screen. You will hear a warning tone.



Battery is running out of power.

When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On/Off

1. Open the phone.

2. Hold down the key for more than one second to switch the phone on.

   The red light flashes, and an alert sounds:

   - When the system locates services, the greeting message displays along with the date and time. You can now place and receive calls.
   - If the system cannot locate service, the greeting message displays without the date and time. In this case, you cannot place and receive calls. You can try later when service is available.
   - If your phone is locked, the lock icon appears. Press the key, and enter the four-digit lock code to unlock the phone.

3. When you wish to switch the phone off, hold down the key for more than two seconds.

WARNING: **Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.**

Note: **Your phone has a built-in antenna. As with any other radio-transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.**

Standby Mode

Standby is the most basic state of your phone. The phone goes into Standby mode soon after you turn it on, or whenever you briefly press the key. When your phone is in Standby mode, you will typically see the greeting message and current date and time. If you enter a phone number, you can press the key to dial it, or press the key to save it in the internal phone book.

Press the key at any time to return to Standby mode. Be careful; if you are on a call when you press the key, you will return to Standby mode, but your call will be disconnected. Press the key several times or hold it down to return to Standby mode without ending the call.

Call Functions

Making a Call

In Standby mode, key in the area code and phone number and press the SEND key.

Note: If you have set Auto Retry option (6-1) to On (see page 55), and the call does not connect, the phone automatically retries to make the call.

Correcting the Number

To clear ...	Then .....
The last digit displayed	Press the CLR key .
The whole display	Hold down the CLR key for more than one second.

Ending a Call

When you have finished your call, briefly press the END key or close the phone.

Emergency Dialing

You can place calls to emergency numbers in your emergency number list even if your phone is locked or all outgoing calls are restricted. For further information on emergency numbers, refer to page 68.

Prepend Dialing

The Prepend option lets you add digits such as area codes and network feature activation codes to a phone number that is in your Internal Phone Book or Call Logs. (The prepended phone number cannot be more than 10 digits.)

To prepend existing phone numbers in the Phone Book or Call Logs:

1. Access the phone number entry.
2. When the desired phone number displays, press the MENU key to access the **Options** menu.
3. Press the 4 key (or 3 key in Call Logs) to select the **Prepend** option.
4. Enter the area code or feature code.
5. Press the SEND key to dial the number.

Making a Call from the Phone Book

You can store the phone numbers called regularly in memory, called the Phone Book. You then simply recall the number to dial. For further information on Phone Book, refer to page 37.

Speed Dialing

Once you have stored phone numbers in the phone book memory, or you can dial them easily whenever you want.

One-Touch Dial

Memory locations 01 through 09 are special one-touch locations. You can dial the phone numbers stored in the Phone Book memory from 01 through 09 simply by pressing one button.

Press and hold the third digit of the memory location containing the number to be dialled.

For example: Location no. 009
Press and hold.

The number (and name) stored is displayed, then dialed.

Two-Touch Dial

Memory locations 10 through 99 are special two-touch locations.

Press the second digit briefly, then hold down the third digit of the memory cell.

For example: Location no. 023
Press briefly and hold down .

The number (and name) stored is displayed, then dialed.

Three-Touch Dial

Memory locations 100 through 249 are special three-touch locations.

Press the first and the second digit briefly, then hold down the third digit of the memory cell.

For example: Location no. 123
Press and briefly, then hold down .

The number (and name) stored is displayed, then dialed.

Note : When several numbers are saved in one location, only the phone number which is specified with **Set Speed Dial** option will be automatically dialed. For details, refer to the **Edit** option under **Find Name** menu on page 38.

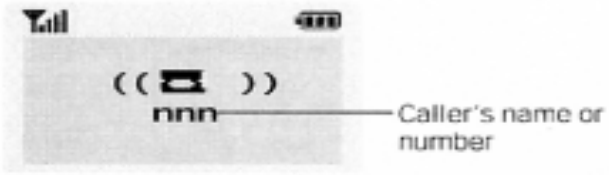
Last Number Redial

The phone stores the last 10 numbers dialed. To recall any of these numbers, proceed as follows.

1. If there are any characters on the display, clear the display by holding down the key for more than one second.
2. Press the key. The list of outgoing calls are displayed.
3. Slide the key to scroll through the list until you select the required name or number.
4. Press the key to dial the number displayed.

Answering a Call

When somebody calls you, the phone rings and the phone icon is displayed in the middle of the screen.



If the caller can be identified, the caller's phone number (or name if pre-stored in your Phone Book) is displayed. If the caller cannot be identified, only the phone icon appears.

1. To answer a call, open the flip cover. If the flip cover is already open, press any key except for the key.

   If the **Anykey Answer** menu (**6-4**) is set off, you can answer a call only by pressing the key.

2. End the call by closing the flip cover or pressing the key.

   Note: You can answer a call while using the phone book or menu features. The current operation will be interrupted.

Viewing Missed Calls

If you are unable to answer a call for any reason, you can find out who was calling you, if this service is available. In this way, you can call the person back simply by pressing the SEND key, if necessary.

The number of missed calls is displayed on the idle screen immediately after the call was missed.

To view the missed call, refer to '**Incoming**' **(1-2)** under '**Calls**' on page 35.

In-Call Options

Your phone provides a number of functions that you can use during a call. You may not utilize all of these functions at all times. Many of the in-call options are network services.

Press the MENU key during a call to access the following in-call options:

Mute/Unmute: allows you to switch your phone's microphone off, so that the other party cannot hear you.

Example: You wish to say something to another person in the room but do not want the other party to hear you.

Calls: allows you to access the **Calls** menu.

Phone Book: allows you to access the **Phone Book** menu.

Silent Key: does not transmit the key tones. It allows you to press keys without hearing annoying key tones during a call.

Note: To communicate with answering machines or computerized telephony systems, the Silent key option must be disabled.

Send Tel #: sends DTMF tones of your number.

My Phone #: shows your phone number.

Send DTMF: sends DTMF tones of the currently displayed number. DTMF (Dual Tone Multi Frequency) tones can be used to control electronic phone services such as bank-by-phone or voicemail. During a call, key in the digits you want to send as DTMF tones, for example, the bank account number and password. Then select this in-call option.

Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network. Contact your service provider to activate Call Waiting.

When a waiting call is detected, the incoming call alert sounds (network dependent) and a text notification displays.

To answer a waiting call:

1. To answer the call, press the SEND key. The phone connects the calling party, and places the current party on hold.

2. Press the SEND key again to switch between two parties.

Three-Way Calling

This feature enables you to conduct conference calls with two separate parties at the same time. You are billed airtime for each outgoing call separately. Contact your service provider to activate Three-Way Calling.

To place a Three-Way call:

1. During a conversation, enter the phone number for the third party and press the SEND key, then press the SEND key again. The phone places the other party on hold.

2. When the third party answers, press the SEND key again to connect with the original party.

Call Forwarding

This feature provides the option of forwarding incoming calls to another phone number, even while your phone is off. Activating Call Forwarding does not affect outgoing calls made from this phone. Contact your service provider to activate Call Forwarding.

Adjusting the Volume

During a call, if you want to adjust the earpiece volume, use the volume keys on the left side of the phone. Press the ▲ key to increase and the ▼ key to decrease the volume.
In Standby mode, you can adjust the key tone volume using the same keys.

Quick Switching to Vibration Mode

You can quickly switch your phone to the vibration mode with a touch of the key. Press and hold the key until the icon and **- Vibrate -** appears in the display. Your phone goes to the vibration mode immediately.

Press and hold the key again to return to bell mode.

This feature is convenient when you are in a hurry to mute the phone sound(in a theater, for example).

Using the Menu

The phone offers a range of functions that allows you to customize the phone to your needs. These functions are arranged in menus and submenus.

The menus and submenus can be accessed by scrolling or by using the shortcuts.

Accessing a Menu Function by Scrolling

1. In Standby mode, press the key to access the menu facility. Scroll with the key (or slide the key up/down or press the /) to reach the desired main menu, e.g. **Display**. Press the key to enter the menu.
2. If the menu contains any submenus: for example, **Language**, find the one you want by scrolling with . sliding the key . press key to enter the submenu.

   If the menu you have selected contains submenus, repeat this step.
3. Scroll with the navigation key( ) to find the setting of your choice. Press the key to confirm the chosen setting.

Notes:
- **You can return to the previous menu level by pressing the key.**
- **You can exit the menu without changing the menu settings by pressing the key.**

Accessing a Menu Function by Using its Shortcut

The menu items (menu, submenus and setting options) are numbered and can be accessed quickly by using their shortcut number.

1. In Standby mode, press the MENU key to access the main menu.

2. Within three seconds, key in the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

Example: Accessing the **Ring Tone** option

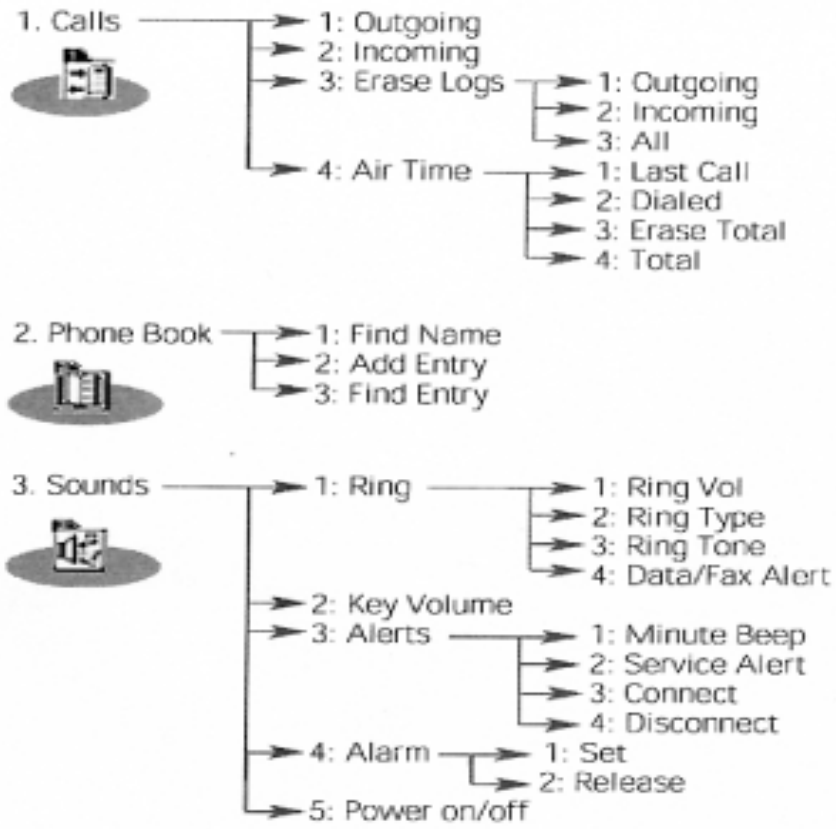
Press 3, 1, and 3.

3 for **Sounds**, **1** for **Ring**, **3** for **Ring Tone** menu function.

3. Find the setting of your choice by sliding the OK key, then press the OK key.

Note: The numbers assigned to each menu function are indicated on the list on page 31.

Menu Map



4. Display
- 1: Backlight
- 2: Banner
- 3: Animation
  - 1: Opening
  - 2: Closing
- 4: Language
- 5: My Phone #
- 6: Contrast

5. Games & PIM
- 1: Today
- 2: View Month
- 3: Jump To Date
- 4: Tasks
- 5: World Time
- 6: Calculator
- 7: Game

6. Setup
- 1: Auto Retry
- 2: Auto Receive
- 3: Auto Hyphen
- 4: Anykey Answer
- 5: Tone Length
- 6: Set Time
- 7: Set Nam
- 8: Data/Fax
- 9: Terminal BPS

7. Web Browser (GoNext)
- 1: Start Service
- 2: Favorites
- 3: Address Input
- 4: Internet Setup
  - 1: Homepage
  - 2: Proxy Server
  - 3: Page Info
  - 4: DNS Server
  - 5: Idle Timer
  - 6: Cookie Setup
  - 7: ID Setup
  - 8: Access Numb

0. Security
- 1: Lock
- 2: Restrict
  - 1: Phone Book
  - 2: Incoming
  - 3: Outgoing
  - 4: New Numbers
- 3: Lock Code
- 4: Emergency#
- 5: PIN
  - 1: Send PIN
  - 2: PIN Code
- 6: Block Own#
- 0: Reset Phone
  - 1: Settings
  - 2: Memory
  - 3: All

Calls

You can use the **Calls** menu to:

- View and dial the last outgoing or incoming numbers.
- Erase the numbers in the Call Log memory.
- View the duration of calls.

Outgoing

Menu 1-1

The phone stores up to 10 outgoing calls you dialed. When you access this menu, the list of outgoing calls is displayed.

To select an entry , slide the OK key up or down.

To dial the selected entry, press the SEND key.

To view the date and time at which the call was dialed and use option features, press the OK key.

When you press the OK key, you can view the date/time stamp for the selected entry. If there is a Phone Book match, the name displays.

Press the MENU key to access **Options**. The following options are available:

Talk: dials the selected number.

Show Entry (or **Store** if the phone number is not currently stored in the Phone Book): shows the phone book entry or stores the number in the Phone Book.

Prepend: allows to add an area code or feature code to the number before calling the number.

Incoming

Menu 1-2

This option lets you view the last 10 calls received (if you are subscribed to the caller ID service). When you access this menu, the last incoming calls are displayed.

To select an entry, slide the OK key up or down.

To dial the selected entry, press the SEND key.

To view the date and time at which the call was received and use option features, press the OK key.

When you press the OK key, you can view the date/time stamp for the selected entry. If there is a Phone Book match, the name displays.

Press the MENU key to access **Options**. The following options are available:

Talk: dials the selected number.

Show Entry (or **Store** if the phone number is not currently stored in the Phone Book): shows the phone book entry (or stores the number) in the Phone Book.

Prepend: allows to add an area code or feature code to the number before calling the number.

Erase Logs

Menu 1-3

You can erase the numbers stored in the Call Log memory.

Outgoing: The numbers you called are erased.

Incoming: The numbers you received are erased.

All: All calls you dialed and received are erased.

Air Time

Menu 1-4

Using this option, you can view the call time of the last call, as well as total air time for all calls since you last reset the timer.

Last Call: duration of the last call

Dialed: total duration of all calls made since the timer was last reset.

Erase Total: resets the call timers.

Total: the combined airtime of every phone call that has been made on your phone. You can reset the total airtime by resetting your phone (see page 70).

Phone Book

The Phone book allows you to store frequently used phone numbers and the associated names in your personal directory to make it easy for you to make a call without having to remember or enter the phone number. You can store up to 249 numbers.

Find Name

Menu 2-1

This option displays the stored names in the Phone Book in alphabetical order.

Slide the OK key up or down to scroll to the desired name. You can also enter the first letter(s) of the name by pressing the associated alphanumeric key. Using this method, the phone searches for the names in the list beginning with that letter(s), and then displays the first name in that section of the list. Then, press the OK key to display the selected entry.

When the desired entry displays, press the SEND key to place a call.

Note: If you have saved two or more numbers under the labels, such as Home, Work, Mobile, Fax and so on, under one name, you can find the desired number by sliding the OK key up or down when the entry displays.

If you press the MENU key, you can access the following options:

Talk: dials the number.

Add Phone#: allows you to add several different types of numbers to the name, such as work, office number or mobile number.

Edit: allows you to edit phone number, name, or entry number. **Set Secret** option prevents the number from being displayed on the screen. **Set Speed Dial** option allows you to designate the number to be dialed as a speed-dial number. For details on speed dialing, refer to page 20.

Prepend: prepends the number to add an area code or feature code to the number before dialing.

Erase: erases the number.

Name Ringer: allows you to designate a unique tone to signal an incoming call by the number.

Note: You can locate Phone Book entries quickly when the phone is in Standby mode. Slide the OK key down to access Find Name menu in one step and then slide the OK key up or down to scan entries.

Add Entry

Menu 2-2

This menu allows you to store a number with a name in your Phone Book. You can save a person's various numbers, such as workplace number, mobile number and fax number, under one entry. Using this feature, you can keep someone's information together. It also helps you to find numbers easily in the Phone Book.

Creating a New Entry

1. Enter a number and press the OK key. The phone book entries are displayed.
2. Press the OK key to confirm **<New Name>**.
3. You are asked to select a label. The following labels are available: **Home**, **Work**, **Mobile**, **Pager**, **Fax**, **No Label**. After selecting the label sliding the OK key up or down, press OK key.
4. The first available location displays. To accept the displayed location, press the OK key. To select another location, sliding the OK key to scroll to the desired location or enter the location number using the number keys, then press the OK key.

   Note: An entry's location is also its speed-dial code.
5. To include a name with the entry, enter the desired name, then press the OK key. For information on how to enter a name, see page 41.

   Note: You can enter a name up to 12 digits.

6. After entering is done, press the OK key. The number is saved.

7. You are asked to select a label. If you want to add a number to the entry you have just saved, repeat steps 3 to 6.

If you want to stop, press the END key.

Storing Phone Numbers when a call ends

To store a phone number when your call ends:

1. Press the END key to end the call. The call time and the phone number display.
2. To store the phone number, press the OK key.
3. To complete storing the number, follow the instructions on page 39.

Adding a Number in an Existing Entry

1. Enter a number and press the OK key. The phone book entries are displayed.
2. Select the entry you want to add a number to with the OK key, then press the OK key.
3. Available labels are displayed. After selecting the desired label, press the OK key to save the setting.

Entering a Name

Use the keys labeled with letters (1 – 0) to write the name. Press once for the first labeled letter, twice for the second and three times for the third etc. Pressing the 1 key brings up a list of special characters.

- You can change the input mode by pressing the volume keys on the left side of the phone. The **English**, **Hebrew** and **Number** mode are toggled each time you press the keys.

  Note: To enter the number in the English or Hebrew mode, you can press and hold down the appropriate key.

- To insert a space, press the * key twice.
- If you make a mistake, you can remove characters to the left of the cursor by pressing the C key as many times as necessary. Pressing and holding the C key clears the screen.
- The cursor moves to the right when you press a different key. When entering the same letter twice (or a different letter on the same key) just wait for a few seconds for the cursor to move right automatically, and then select the next letter.
- You can enter special letters, such as punctuation or symbols by pressing the 1 key repeatedly.
  . / : @ ( ) , ? $ % ^ & _ + - = { } [ ] < > | : \ ~ `

Find Entry

Menu 2-3

This option allows you to find an entry by location number.

Enter the location by pressing the number keys or slide the OK key to scroll to the desired location, then press the OK key to display the selected entry.

When the desired entry displays, press the SEND key to place a call.

If you press the MENU key, you can access **Options**. For details on **Options**, refer to **Options** under the **Find Name** menu on page 38.

Note: You can locate Phone Book entries quickly when the phone is in Standby mode. Press the OK key up to access Find Entry menu in one step and then slide the OK to scan entries.

Sounds

You can use the **Sounds** menu to customize various sound settings, such as the:

- Ring volume, type, and tone
- Alert sounds
- Alarm

Ring

Menu 3-1

Ring Volume

This option allows you to adjust the ringing volume to one of nine levels. You can also turn the ringer off. Use ▲ or ▼ keys on the left side of the phone. The more the bars, the louder the volume.

Note: During an incoming call, you can mute the ringer by pressing the key.

Ring Type

This option allows you to indicate how you are to be informed of incoming calls. The following options are available.

BELL: The phone rings using the ring tone selected via the menu option.

LAMP: The backlight is switched on and the lamp blinks; the phone neither rings nor vibrates.

VIBRATE: The phone vibrates but does not ring.

VIB+BELL: The phone vibrates and rings simultaneously.

Ring Tone

This option allows you to select the required ringing tone. You can choose among 19 different tones or melodies. Each time you select a tone, it sounds for a few seconds.

Data/Fax Alert

This option allows you to be alerted with a distinct ringing tone when you are faxed or received a data through the phone (network dependent). You can choose between 19 different tones or melodies. Each time you select a tone, it sounds for a few seconds.

Key Volume *Menu 3-2*

This option allows you to adjust the tone volume that the keypad generates when you press a key.

Use ▲ or ▼ keys on the left side of the phone.

You can also use ▲ or ▼ keys on the left side of the phone to adjust key volume in Standby mode.

Alerts *Menu 3-3*

Minute Beep: With this menu option set to **ON**, the phone sounds an alert 10 seconds before each elapsed minute to remind you of the length of the current call.

Service Alert: With this menu option set to **ON**, the phone beeps when you exit service area or when you return to a service area.

Connect: You can set your phone to sound the connect tone when your call is connected to the system.

Disconnect: You can set your phone to sound the connect tone when a call is disconnected or dropped.

Alarm *Menu 3-4*

The option allows you to set the alarm to ring at a specific time.

To set the alarm, proceed as follows.

1. Select **Set** option.
2. Choose the alarm frequency option, and press the OK key.

   Daily: the alarm rings every day at the same time.

   One Time: the alarm rings only once and is then deactivated.