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Safety Precautions

Read these simple guidelines. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see "Reference Information" on page 144.

Road safety comes first

Do not use a hand-held mobile phone while driving; park the vehicle first. Remember that in some countries, it is illegal to use a mobile phone while driving.

Switch off when refueling

Do not use the phone at a refueling point (service station) or near fuels or chemicals.

Switch off on aircraft

Mobile phones can cause interference. Using them on aircraft is both illegal and dangerous.

Switch off in hospital

Follow any regulations or rules. Switch phone off near medical equipment.

Respect special regulations

Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Interference

All wireless phones may be subject to radio interference, which may affect their performance.

Use qualified service

Only qualified service personnel must repair equipment.

Use sensibly

Use only in the normal position (to the ear). Do not touch the antenna unnecessarily when the phone is switched on.

Accessories and batteries

Use only approved accessories and batteries.

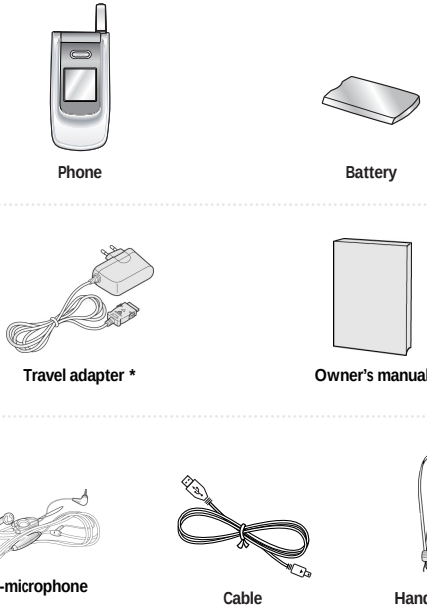
Radio frequency exposure information

In August 1996, the Federal Communications Commission (FCC) of the U.S. adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. These 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.

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the supplied or approved carrying case, holster, or other body-worn accessory.

If you do not use a body-worn accessory, ensure the antenna is at least one inch (2.5cm) from your body when transmitting. Use of non-approved accessories may violate FCC RF exposure guidelines.

Your package contains the following items:



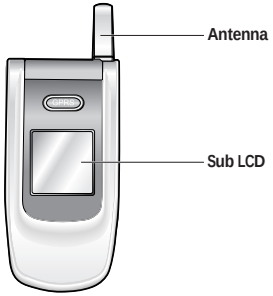
*The shape of the plug varies according to each country's specification.

Your Phone's parts

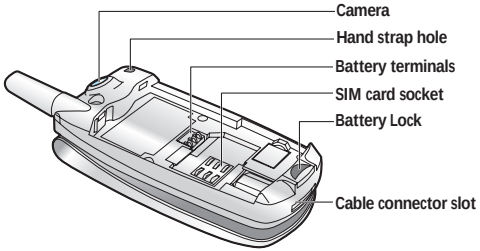
The following illustrations show the main elements of your phone:

Open View

Closed View



Rear View



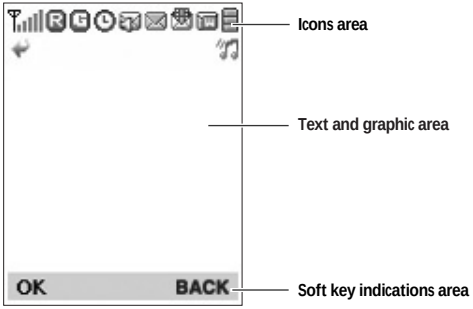
Key(s)

Key(s)	Description
	Performs the functions indicated by the text above them, on the bottom line of the display.
	In Standby Mode, this key can be used to access the Internet browser. In some features, this key also can be used as a confirmation key or a soft key.
	In Menu Mode, scrolls through the menu options. In Standby Mode, accesses the following menus: • ▲ : Java • ▼ : Profile • ◀ : Monthly View • ▶ : Message
	Makes or answers a call. In Standby Mode, recalls the last dialed number.
	Ends a call. Also switches the phone on and off when pressed and held.

Key(s)	Description
	In Menu Mode, cancels your input and returns to Stanby Mode.
	Enters numbers, letters and some special characters. In Standby Mode, the 1 key immediately connects you to the Voice Mail server.
	Use these keys for various special functions.
	(on the side of the phone) During a call, adjusts the voice volume. In Standby Mode, adjusts the key tone volume.
	(on the side of the phone) Enters into the Camera mode. Press the Camera key on the side of the phone to directly access the camera menu.

Display

The display has three areas.



Area	Description
Icons area	Displays various icons (see page 12~13).
Text and area	Displays messages, instructions and any information that you enter (number to be dialed, for example)
Soft key indications area	Shows the functions currently indications area assigned to two soft keys.

Icons

Icons	Description
	Signal Strength : Shows the received signal strength. The greater the number of bars, the stronger the signal.
	No Service : Appears when you are outside a service area. When it is displayed, you cannot make or receive calls.
	Service : Appears when a call is in progress.
	Roaming : Appears when you are out of your home area and have registered onto a different network; for example, when traveling in other countries.
	New Text Message : Indicates that there is a new message waiting to be checked.
	New MMS Icon : Indicates that there is a new MMS message waiting to be checked.
	New Voice Mail : Indicates that there is a new voice mail waiting to be checked.
	Push Message : Indicates that there is a new Push Message waiting to be checked.
	Alarm : Appears when you set an alarm.

Icons

Icons	Description
	Battery Status : Shows the level of your battery. The more black area you see, the more power you have left.
	GPRS : Shows the status that data can be received and sent using the packet.
	Manner : Indicates that all tones are off.
	Ring : The phone is set to ring when a call comes in.
	Vibrator : The phone is set to vibrate when a call comes in.
	Vib+Ring : The phone is set to ring and vibrate when a call comes in.
	Silent : The phone is set to blink LED when a call comes in.
	Divert : The call divert for calls is set by user.

Sub LCD

Your phone has an external LCD screen on the folder. When the folder is closed, it indicates that you have an incoming call or message. It also alerts you when you have set an alarm at the specified time by flashing its backlight and showing the corresponding icon on it.

Keypad Backlight

The backlight illuminates the display and keypad. When you press a key or open the folder, the backlight turns on. The keypad turns off if no key is pressed within a given period of time, depending on the ***Back light*** menu option under the ***Phone Settings*** menu.

To specify the length of time the phone waits before the key backlight turns off, set the ***Backlight*** menu option ***(Menu 4-4-4)***; see page 96 for further details.

LED Select

Your phone has a unique color LED on the folder. It flashes to indicate various phone's status. The LED blinks in the following colors depending on the status:

When you connect the adapter to charge the phone, the LED grows on red while it is charged, and grows on blue once it is fully charged. When you do not charge your phone, the LED blinks red once every 15 seconds if it is in Net-work No Service status, and blinks blue if it is in Network Service status. The LED blinks violet once every 8 seconds if there is a missed call as you missed an incoming call.

It also blinks for a few seconds when you turn the phone on or off.

You can specify if you want to use this LED or not via the ***LED Select*** menu ***(Menu 4-4-6)***. See page 96 for further details.

Installing a SIM Card

When you subscribe to a mobile network, you are provided with a plug-in SIM card loaded with your subscription details, such as PIN, optional services available and so on.

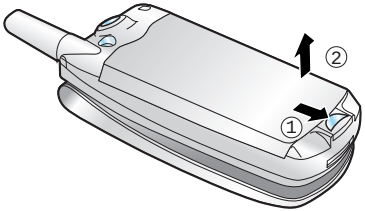
◉◉◉ Note : The plug-in SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting or removing the card. Follow the instructions supplied with the SIM card. Keep all SIM cards out of the reach of small children.

1 If necessary, switch the phone off by pressing and holding the key.

2 Remove the battery. To do so:

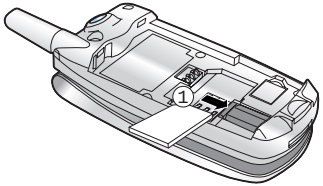
① Pull the battery lock above the battery toward the bottom of the phone and hold it.

② Lift the battery away, as shown.



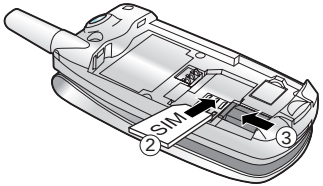
3 Install a SIM card. To do so:

① Slide the metal lock as shown.



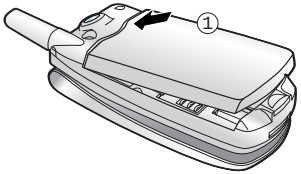
② Insert the SIM card into the SIM card socket. Make sure that the notched corner is at the top right and the golden contact area on the card is facing downwards.

③ Replace the metal lock so that it locks the card.

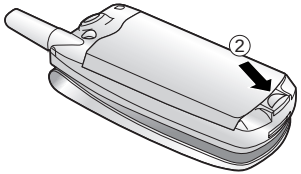


4 Reinstall the battery. To do so:

① Place the battery so that the tabs on its end align to the slots at the top of the phone.



② Press the battery until it clicks into place. Make sure that the battery is properly installed before switching the phone on.



Charging the Battery

Your phone is powered by a rechargeable Li-ion battery.

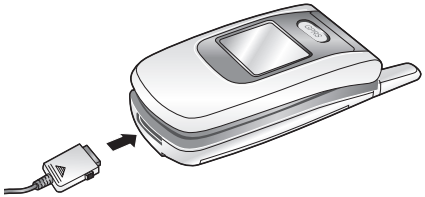
A travel adapter comes with your phone. Use only approved batteries and chargers. Ask your local dealer for further details.

◉ ◉ ◉ Note : You must fully charge the battery before using your phone for the first time. You can use the phone while the battery is charging.

Charging the Battery with the Travel Adapter

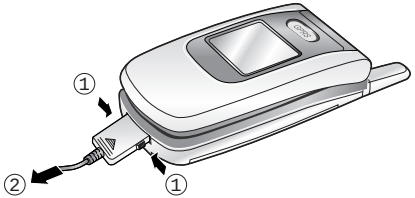
You can use the phone while charging the battery attached to the phone.

1 With the battery in position on the phone, plug the connector of the travel adapter into the connector slot at the bottom of the phone.



2 Plug the adapter into a standard AC wall outlet.

3 When charging is finished the LED turns to blue unplug the adapter from the AC wall outlet and from the phone. To remove the adapter from the phone, press the buttons on both sides of the connector (see ①) and pull the adapter out (see ②).



Low Battery Indicator

When the battery charge level is low, a text message and an empty battery status icon appears at the top right of the display.

When the battery level gets too low, the phone turns off automatically. Unfortunately, if this happens, you lose whatever you are doing and your phone call cuts off. Watch the battery status icon and make sure your battery is adequately charged.

Switching the Phone On or Off

1 Open the folder.

2 Press and hold the key for more than one second to switch the phone on.

◉ ◉ ◉ Note : If you switch the phone on without a SIM card, the phone prompts you to insert the card. You can only make emergency calls by pressing the SOS soft key.

3 When the PIN code of your SIM card is enabled, your phone asks you to enter the PIN (see page 144). Enter the code, and press the OK soft key. Then your phone connects to the GSM network.

◉ ◉ ◉ Notes :

- The color LED on the folder of the phone flashes and an alert sounds. When your phone locates services, you can see the idle screens on both the main and sub LCD.
- If the phone is out of the service area, ***No Service*** appears on the display and you cannot place and receive calls. Wait a little while for a better signal or move into an open area to regain service.

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

WARNING!

Do not switch the phone on when mobile phone use is prohibited or when it may cause interference or danger.

◉ ◉ ◉ Note : Do not touch the antenna on the phone unnecessarily when the phone is switched on. Contact with the antenna affects the call quality and may cause the phone to operate at a higher power level than otherwise needed.

Your Phone's Modes

Standby Mode

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

Press the key at any time to return to Standby Mode. Be careful; if you are on a call when you press the key, your phone disconnects the call and returns to Standby Mode. Press the CLEAR or BACK soft key several times or hold it down to return to Standby Mode without ending the call.

Talk Mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk Mode. While you are in the talk mode, pressing the OPTION soft key gives you a list of options. See page 34 for details.

Locking the Keys

Use the Key Lock feature to make sure that the keys are not pressed accidentally, such as when the phone slips around inside a briefcase.

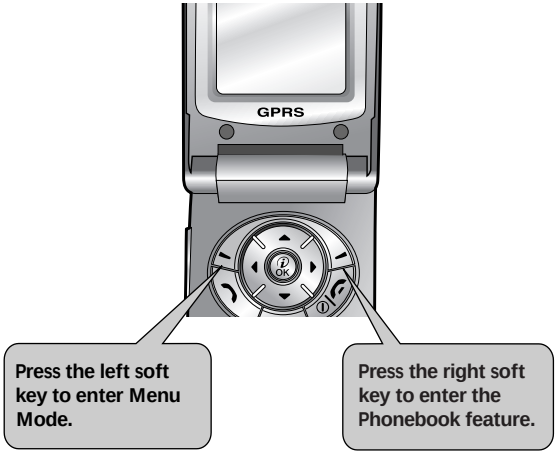
In Standby Mode, press and hold the key. "Key Locked" appears on the display and the keys are immediately locked. Note that you can switch the phone off then on by pressing and holding the key.

To unlock the keys, press and hold the key again.

Your phone offers a set of functions that allows you to customize it. These functions are arranged in menus and sub-menus, accessed via the two soft keys (and). Each menu and sub-menu allows you to view and alter the settings of a particular function.

The roles of the soft keys vary according to the current context; the label on the bottom line of the display just above each key indicates its current role.

Example :



Using the Soft Keys

MENU	CLEAR	PHONEBOOK
OK	STOP	ACCEPT
YES	RESET	OPTION
LIST	EXIT	SEARCH
READ	SEND	REJECT
PLAY	UNIT	DELETE
BACK	SOS	CONFIRM
NO	ADD	RENAME
SAVE	OFF	
Shoot	Edit	

To view the various functions/options available and select the one required :

1 **Press the appropriate soft key.**

2

To	Press the
Select the: • Function displayed or • Option highlighted	OK soft key or the key.
Move up or down in the structure	▲ or ▼ key.
Move right or left in the structure	◀ or ▶ key.
Move back up one level in the structure	BACK soft key.
Exit the structure without changing the settings	key.

Example Setting the Display Language

1 **When the idle screen displays, press the MENU soft key to enter Menu Mode.**

2 **Scroll through the menus until you reach the *Setting* menu, by pressing the ◀ or ▶ key repeatedly.**

3 **To enter the *Setting* menu, press the OK soft key.**

4 **Scroll through the menus until you reach the *Phone Settings* menu, by pressing the ▲ or ▼ key repeatedly.**

5 **To enter the *Phone Settings* menu, press the OK soft key.**

6 **To enter the *Language* sub-menu, press the OK soft key.**

7 **To view the languages available, press the OK soft key.**
- The display shows the current setting.

8 **Find the appropriate language by pressing the ▲ or ▼ key.**

9 **Press the OK soft key to confirm your selection.**
- The phone returns to Standby Mode.

Making a Call

To make a call

1 **In Standby Mode, enter the area code and phone number.**

◉◉◉ Note : While entering the number, pressing and holding down the key inserts a pause, indicated by "P." The number after a pause is sent a few seconds after dialing the first number.

2 **Press the key.**
- The phone places the call to the entered number.

◉◉◉ Note : If you set the ***Auto Redial*** menu***(Menu 4-3-6)*** to ***On***, the phone automatically retries to make the call when no one answers or the line is busy. For further details, see page 91.

Correcting the Number

To clear	Press
The last digit displayed	The CLEAR soft key
Any other digit in the number	The ◀ or ▶ key until the cursor is to the right of the digit to be cleared. Press the CLEAR soft key. You can also insert a missing digit in the cursor position simply by pressing the appropriate key.
The whole display	And hold down the CLEAR soft key for more than one second.

Ending a Call

If you want to end a call, press the key. Or, simply close the folder to end a call.

Making an International Call

1 **Press and hold the *0* key for the international prefix.**
- The **+** appears on the display.

2 **Enter the country code, area code, and phone number, then press the key to begin dialing.**

Making a Call from Phonebook

You can store the phone numbers that you use regularly in called Phonebook.
Simply select a name to recall the associated number to dial. For further details about the Phonebook features, see page 105.

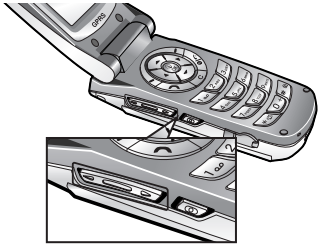
Redialing the Last Number

To redial the last number you dialed, press the key twice in Standby Mode.

Your phone stores up to 30 of the last numbers you dialed in Call Records. To recall any of these numbers, refer to "Dialed Numbers" on page 77.

Adjusting the Volume

During a call, if you want to adjust the voice volume, use the volume keys on the left side of the phone.



In Standby Mode, you can adjust the key tone volume using the volume keys.

Answering a Call

When someone calls you, the phone alerts you by ringing, blinking the color LED and displaying the call alert screen.

If you are subscribed to the Caller Line Identification service and the caller can be identified, the caller's phone number or name and image if stored in your Phonebook, displays. Contact your service provider for availability.

You can reject the call by pressing and holding the volume keys before opening the folder.

1 **If the *Answer Mode* menu *(Menu 4-3-4)* is set to *Any Key*, open the folder or press any key except the key and the REJECT soft key to answer the call.**

If the menu is set to Send Key, you must press the key or the ACCEPT soft key to answer the call.

To reject the call, press the key or the REJECT soft key.

2 **You may end the call by closing the folder or pressing the key.**

Notes :

- You can answer a call while using the Phonebook or Menu features. The current operation stops.
- You can see the name and image (if exist in your phonebook) when incoming/outgoing call animation started.

Viewing Missed Calls

If you are unable to answer a call for any reason, you can find out who is calling you, if this service is available so that you can call the person back. Contact your service provider for availability.

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

To view the missed call immediately.

If the folder is	Then
Closed	Look at the sub LCD screen.
Open	Press the LIST soft key.

The number corresponding to the most recent missed call displays, if available.

To	Press the
Scroll through the missed calls	▲ or ▼ key.
Call the number displayed	key.
Save or delete a missed call number	OPTION soft key.

Quickly Switching to Manner Mode

You can quickly switch your phone to Manner Mode with a touch of the key. In the manner mode, all of the sounds of your phone are deactivated and the phone alerts you to incoming calls by vibrating the phone instead of ringing. This feature is convenient when you are in a hurry to mute the phone sounds as when in a theater, for example.

Press and hold the key until the Manner icon appears on the top right of the display. Your phone goes to the manner mode immediately.

To return to the normal mode, press and hold the key again.

Options During a Call

Your phone provides a number of functions that you can use during a call. As many of the functions are network services, you may not be able to use all of them at all times.

Putting a Call on Hold

You can place the current call on hold whenever you want.
By doing this, you can make or receive another call while you have a call in progress if your network supports this service.

To make a call while you have a call in progress:

1. **During a call, press the key.**
   Or, press the OPTION soft key and press the OK soft key when *Hold* highlights.
2. **The current call is put on hold.**
3. **If there is a waiting call, press the key to answer the call.**

   If you want to make a call, dial the number in the normal way.

Disconnecting the Calls

When you have an active call and the call on hold, you can disconnect both calls at one time.

1. **Press the OPTION soft key to enter In-call Options.**
2. **Press the ▲ or ▼ key to scroll to *Disconnect* and press the OK soft key.**
3. **Press the ▲ or ▼ key to scroll to call you want to disconnect.**
4. **Press the OK soft key.**

Muting the Microphone

You can temporarily switch your phone's microphone off so that the other person cannot hear you.

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

To switch the microphone off temporarily:

1 **During a call, press the OPTION soft key to enter In-call Options.**

2 **Press the ▲ or ▼ key to scroll to *Mute On*.**

3 **Press the OK soft key.**
- The other person can no longer hear you.

To switch the microphone back on:

1 **Press the OPTION soft key to enter In-call Options.**

2 **Press the ▲ or ▼ key to scroll to *Mute Off*.**

3 **Press the OK soft key.**
- The other person can hear you again.

Using the Scratch Pad

Your phone has a convenient feature for entering a phone number while you are on a call as if it were a note pad:

1 **During a call, just key in a phone number.**
- The phone number displays as you enter it.

2 **Press the SAVE soft key to save the entered number.**

3 **When the call ends, you can check the saved number via the *Scratch Pad* option in *PB Manage* of the Phonebook menus.** **See page 115.**

Sending DTMF Tones

Each time you press the keys, your phone sends out DTMF (Dual Tone Multi-Frequency) which are set at the factory. DTMF tones are required to use electronic phone services, such as bank-by-phone or Voice Mail.

If you do not want to annoy the other person by DTMF tones when pressing the keys during a call, take the following steps to mute them:

1 **During a call, press the OPTION soft key.**

2 **Press the ▲ or ▼ key to scroll to *DTMF Off*.**

3 **Press the OK soft key.**

To reactivate your DTMF tones:

1 **During a call, press the OPTION soft key.**

2 **Press the ▲ or ▼ key to scroll to *DTMF On*.**

3 **Press the OK soft key.**

Using the Message Service

Your phone receives an incoming message during a call. You can read it immediately without disconnecting the call. You can also send a message during a call.

1 **During a call, press the OPTION soft key.**

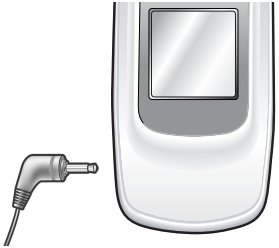
2 **Select the *Message* option and press the OK soft key.**

The phone enters the ***Message*** menu. For details about using the message service, see page 61.

Using the Ear-microphone

Using the ear-microphone supplied with your phone, you can answer an incoming call without holding the phone.

Connect the ear-microphone to the jack on the top of the phone.



When the phone rings, press and hold the button on the ear-microphone for more than 1 second to answer the call.

To end the call, press and hold the button for more than 1 second.

◉ ◉ ◉ Note : If you receive a second call during a call, pressing and holding the button for more than 1 second will put the first call on hold and answer the second call.

Entering Text

At many times when using your phone, you will need to enter text, such as when storing a name in Phonebook, creating a greeting note, writing a text message or scheduling events on your calendar.

The following text input modes are available :

◉ ◉ ◉ Note : eZi text input method allows you to enter text easily and quickly. Simply pressing each key once for each character, you can get the words you want. Furthermore, the candidate is predicted along with other candidates that fit the letters typed thus far. You do not need to input entire characters to make a word.

eZi Thai : Allows you to enter a Thai letters by pressing each key once for each character.

Thai : Allows you to enter letters by pressing the key assigned to each Thai characters you want once, twice or three times until the letter appears on the display.

English : Allows you to enter the English letters by pressing each key once for each character.

Alphabet : Allows you to enter letters by pressing the key labeled with the letter you want once, twice or three times until the letter appears on the display.

All Mode : Allows you to use all of the text input modes by pressing the key one or more times until you find the mode.

Digit : Allows you to enter the digit 0~9.

Symbol : Allows you to enter the symbols or punctuation marks.

Changing text input language

This mode allows you to change text input language.

To change to another text input language:

1 **Press the OPTION key to access the eZi Sub Menu screen.**

2 **Press the ▲ or ▼ key until you find the *Entry mode* you want from the list.**

3 **Press the OK soft key.**
- You will see the text input mode indicator on the top line of the display. Directions for using each of the text input modes appear later in this chapter.

4 **Press the ▲ or ▼ key to scroll to want Language.**

5 **Press the OK soft key.**

Insert text template

The Template mode enables you to enter simple sentences into your text.

1 **Press the ADD soft key and select 'Insert text template' to enter into it.**

2 **Press the up and down keys to scroll through the templates and select it you want to insert.**

Insert Symbol

The symbol mode enables you to enter symbols into your text.

Press the key to enter into the symbol mode.

1 **Press the ▲ and ▼ keys to scroll through the symbols.**

2 **When you find the symbol you want to insert, Press the Number key corresponding to the symbol you want.**

Insert EMS content

This mode enables you to enter EMS cntents into your text.

1 **Press the 'ADD' soft key and select 'Insert EMS content' to enter into it.**

2 **You can insert animation, Image and Sound contents into your text.**

The following text input modes are available :

Fix Animation/Fix Sound : You can send EMS messages with Animation and Sound using this modes. However, these modes allow you to send just index information and the receiver can see or hear his/her own Animation or Sound corresponding with the index information you send. If the receiver has the same model with you, he/she can see or hear the same Animation and Sound you send.

Own Animation/Own Image/Own Sound : These modes allow you to send EMS messages with the same contents in these modes. When you get any contents from your friends, you can add the contents in these modes.

eZi Thai Mode

This mode allows you to enter Thai words with only one key press per letter. For your specific information, please refer to the below 'eZi English Mode'.

Thai Mode

This mode allows you to enter letters by pressing the key assigned to each Thai characters you want once, twice or three times until the letter appears on the display.

List of characters available:

Key	Characters in the Order Displayed
1	ก ข ค ฆ ง จ ะ ะ ๑ 1
2 ABC	ฉ ช ซ ฌ ญ า ำ า ๒ 2
3 DEF	ฎ ฏ ฐ ฑ ฒ ณ ิ ี ๓ 3
4 GHI	ด ต ถ ท ธ น ุ ู ๔ 4
5 JKL	่ ้ ๊ ๋ ็ ์ ๕ 5
6 MNO	บ ป ผ ฝ พ ฟ ั ั ๖ 6
7 PQRS	ภ ม ย ร ฤ ล ิ แ ๗ 7
8 TUV	ว ศ ษ ส ิ ๆ ๘ 8
9 WXYZ	ห ฬ อ ฮ ิ ไ ๙ 9
0 +	๐ 0
*	· ' ? ! @ ' " - ( ) / : – ; + & % * = < > € £ $ ¥ ¤ [ ] { } \ ~ ^ ¿ ¡ § #
#	▯

(Caps Lock mode)

eZi English Mode

This mode allows you to enter English words with only one key press per letter. Each key on a keypad has more than one letter - a single press on the ***5*** key could be J, K, or L. The eZi English mode automatically compares your key presses to an internal linguistic database to determine the correct word.

This mode requires far fewer keystrokes than the traditional multi-tap method, the ABC mode.

Typing English Words

To type a word, press the keys corresponding to the letters you need. Remember the following as you are typing:

1 **Press keys on the phone just once per one letter.**
- For example, to enter "hello", press the following keystrokes: ***4, 3, 5, 5, 6***.

2 **The word you are typing appears in the display.**
- It may change with each key you press.

3 **If the word that appears on the display is not the word that you desire, press the ▲ or ▼ key one or more times to display alternative word choices for the keys you pressed.**
- For example, "of" and "me" shares the sequence of 6 and 3. The phone displays the most commonly used choice first.

4 **Press 0 key to select the word choice that appear on the display.**

◉◉◉ Note : The phone displays all of the words containing the letters you have entered. The eZi mode allows you to enter text quickly using fewer key presses.

Shifting the Case

To change the case of the word, press the # key repeatedly when the word highlights. Lower Case, Capital Lock and Initial Capital are available. You can also insert periods between letters for abbreviations.

Scrolling

- The ◀ or ▶ key scrolls to the alternative characters corresponding to the key press.
- To move the cursor left or right through your text message, press the ◀ or ▶ key.
- To scroll up or down one line of your text, press the ▲ and ▼ key.

Clearing Characters

Press the C key one or more times to remove characters from the Text Area.

Quickly Switching to Another Mode

- In Ezi mode, you can quickly switch to the ABC mode and then to digit mode by pressing the # key.
- When you press the * key, you can access the symbol mode.

ALPHABET Mode

When typing in the ABC mode, press the key labeled with a character:

- Once for the first character
- Twice for the second character and so on.

This method is called Multi-tap Typing.

For example, you press the 2 key three times quickly to display the character "C", the 5 key two times quickly to display the character "K".

The cursor moves to the right when you press a different key. When entering the same character twice or a different character on the same key, just wait for a few seconds for the cursor to move to the right automatically, and then select the next character.

Refer to the table below for the list of characters assigned to each key.

List of characters available:

Key	Characters in the Order Displayed
1	ก ข ค ฆ ง จ ะ ะ ๑ 1
2 ABC	ฉ ช ซ ฌ ญ า ำ า ๒ 2
3 DEF	ฎ ฏ ฐ ฑ ฒ ณ ิ ี ๓ 3
4 GHI	ด ต ถ ท ธ น ุ ู ๔ 4
5 JKL	่ ้ ๊ + ๋ ์ ๕ 5
6 MNO	บ ป ผ ฝ พ ฟ ๆ ๆ ๖ 6
7 PQRS	ภ ม ย ร ฤ ล เ แ ๗ 7
8 TUV	ว ศ ษ ส โ ๆ ๘ 8
9 WXYZ	ห ฬ อ ฮ ใ ไ ๙ 9
0 +	๐ 0
*	· ' ? ! @ ' " - ( ) / : – ; + & % * = < > € £ $ ¥ ¤ [ ] { } \ ~ ^ ¿ ¡ § #
#	▯

(Caps Lock mode)

Shifting the Case

To change the case of words, press the # key.

There are two cases:
Lower Case is indicated by ***abc*** on the display, and Capitals Lock is indicated by ***ABC***.

Scrolling

- To move the cursor to the left or right through your text, press the ◀ or ▶ key.
- To scroll up or down one line of your text, press the ▲ and ▼ key.

Clearing Characters

Press the CLEAR soft key one or more times to remove characters from the Text Area.

Quickly Switching to the Symbol Mode

- In ALPHABET mode, you can quickly switch to digit mode by pressing the key.
- When you press the key, you can access the symbol mode.

Using the Menus

The phone offers a range of functions that allows you to tailor it 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 MENU soft key to access Menu Mode. Scroll with the navigation keys to reach the main menu, *Call Register*. Press the OK soft key to enter the menu.**

2 **If the menu contains any submenus; for example, *Call Duration*, find the one you want by scrolling using the ▲ and ▼ keys. Press the OK soft key to enter the submenu.**

If the menu you have selected contains submenus, repeat this step.

3 **Scroll with the navigation keys to find the setting of your choice. Press the OK soft key to confirm the chosen setting.**

Notes :

- When you use the navigation keys for setting options, refer to the direction of the triangle at the bottom of the display.
- You can return to the previous menu level by pressing the BACK soft 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 numbers. The shortcut number is shown in front of each menu item.

◉◉◉ Note : The numbers assigned to each menu function are indicated on the list on page 48. They may not match the menu number on the phone, depending on the services supported by your SIM.

1 In Standby Mode, press the MENU soft key.

2 Enter the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

Example : Setting the ***Auto Redial*** function to ***On***.

Press the MENU soft key, and key in 4, 3, 6.

Menu enters the menu, ***4*** selects ***Setting***, ***3*** selects the ***Call Setting*** menu, and ***6*** selects the ***Auto Redial*** menu function.

3 Press the ▲ or ▼ key to highlight *On* and press the OK soft key.

List of Menu Functions

The list shows the menu structure available and indicates the number assigned to each option.

◉◉◉ Note : If you use a SIM Tool Kit card that provides additional services, the SIM Tool Kit menu instead of ***9. Internet*** Menu. The other menus do not change. If it does not provide SIM Tool Kit card, ***9.Internet*** Menu appears.

For details on the SIMToolKit menu, refer to your SIM card instructions.

1. Message

1-1 : Write Message
- 1-1-1 : SMS
- 1-1-2 : MMS

1-2 : Inbox
- 1-2-1 : SMS
- 1-2-2 : MMS

1-3 : Outbox
- 1-3-1 : SMS
- 1-3-2 : MMS

1-4 : Draft
- 1-4-1 : SMS
- 1-4-2 : MMS

1-5 : Templates

1. Message

1-6 : Voice Mail
- 1-6-1 : Call Voicemail
- 1-6-2 : Voice Center

1-7 : Info Message
- 1-7-1 : Read
- 1-7-2 : Receive
- 1-7-3 : Topics
- 1-7-4 : Languages
- 1-7-4 : Alert

1-8 : Settings
- 1-8-1 : SMS
- 1-8-2 : MMS
- 1-8-3 : Memory Status

2. Call Register

2-1 : Call History

- 2-1-1 : Missed No.
- 2-1-2 : Received No.
- 2-1-3 : Dialed No.

2-2 : Call Duration

- 2-2-1 : Last Incoming
- 2-2-2 : Last Outgoing
- 2-2-3 : Total Incoming
- 2-2-4 : Total Outgoing
- 2-2-5 : Reset

2-3 : Call Costs

- 2-3-1 : Last Call's Cost
- 2-3-2 : All Call's Cost
- 2-3-3 : Last Reset
- 2-3-4 : View Max Cost
- 2-3-5 : Set Max Cost
- 2-3-6 : Price / Unit

2-4 : GPRS Counter

- 2-4-1 : Last Sent
- 2-4-2 : Last Received
- 2-4-3 : Total Sent
- 2-4-4 : Total Received
- 2-4-5 : Reset

3. Profile

3-1 : General

- 3-1-1 : Activate
- 3-1-2 : Personalise
  - 3-1-2-1 : Alert Type
  - 3-1-2-2 : Ring Tone
  - 3-1-2-3 : Ring Volume
  - 3-1-2-4 : Message Tone
  - 3-1-2-5 : Key Volume
  - 3-1-2-6 : Key Tone
  - 3-1-2-7 : Folder Tone
  - 3-1-2-8 : Connect Alert
  - 3-1-2-9 : Power On/Off Melody
- 3-1-3 : Rename

3-2 : Silent

3-3 : Vibration Only

3-4 : Outdoor

3-5 : Other1

3-6 : Other2

3-7 : Other3

4. Setting

4-1 : Time/Date Set

- 4-1-1 : Time Set
- 4-1-2 : Date Set

4-2 : Alarm Set

- 4-2-1 : Set Alarm
- 4-2-2 : Alarm Sound
- 4-2-3 : Power Off Alarm

4-3 : Call Setting

- 4-3-1 : Call Divert
  - 4-3-1-1 : All Voice Calls
  - 4-3-1-2 : If Busy
  - 4-3-1-3 : If not Answered
  - 4-3-1-4 : If out of Reach
  - 4-3-1-5 : If not Available
  - 4-3-1-6 : All Data Calls
  - 4-3-1-7 : All Fax Calls
  - 4-3-1-8 : Cancel Divert
- 4-3-2 : Call Waiting
  - 4-3-2-1 : Status
  - 4-3-2-2 : Activate
  - 4-3-2-3 : Deactivate
- 4-3-3 : Send My Caller ID
- 4-3-4 : Answer Mode
- 4-3-5 : Min Minder
- 4-3-6 : Auto Redial
- 4-3-7 : Auto Answer
- 4-3-8 : Data Transfer Mode

4. Setting

4-4 : Phone Settings

- 4-4-1 : Language
- 4-4-2 : Main LCD
- 4-4-3 : Sub LCD
- 4-4-4 : Backlight
- 4-4-5 : Screen Saver
- 4-4-6 : LED Select

4-5 : Security Settings

- 4-5-1 : PIN Code
- 4-5-2 : Phone Lock
- 4-5-3 : Call Barring
- 4-5-4 : Fixed Dial Number
- 4-5-5 : Closed User Group
- 4-5-6 : Change Codes

4-6 : GPRS Setting

4-7 : Network Select

4-8 : Factory Set

5. Organizer

5-1 : Phonebook

- 5-1-1 : Name Search
- 5-1-2 : Group Search
- 5-1-3 : Add Entry
- 5-1-4 : Speed Dials
- 5-1-5 : Caller Groups
- 5-1-6 : PB Manage
  - 5-1-6-1 : Own Number
  - 5-1-6-2 : Scratch Pad
  - 5-1-6-3 : Memory Status
  - 5-1-6-4 : Copy All
  - 5-1-6-5 : Delete All
  - 5-1-6-6 : Memory In Use

5-2 : Scheduler

- 5-2-1 : Daily View
- 5-2-2 : Weekly View
- 5-2-3 : Monthly View
- 5-2-4 : Make
- 5-2-5 : Delete All
- 5-2-6 : Setting
- 5-2-7 : To do

5-3 : File Manager

- 5-3-1 : Memory Status
- 5-3-2 : File List

◉ ◉ ◉ Note : If your SIM card supports 'Service Numbers' function, you can see the 'Service Numbers' menu between 5-1-6-2 and 5-1-6-3 in Phonebook menu.

6. Camera

- 6-1 : Shooting
- 6-2 : Special Effect
- 6-3 : Album
- 6-4 : Configuration

7. Application

7-1 : Othello

7-2 : Calculator

7-3 : Unit Converter

- 7-3-1 : Length
- 7-3-2 : Weight
- 7-3-3 : Volumes
- 7-3-4 : Surface
- 7-3-5 : User Define

7-4 : World Time

7-5 : Voice Memo

- 7-5-1 : Record
- 7-5-2 : Play
- 7-5-3 : Delete All

8. Java

- 8-1 : Downloads
- 8-2 : Memory Status
- 8-3 : Network

Message

SMS

The Messages option is a network service and may not be supported by your network. You can send a message by a text messaging system, provided that the service is supported by your network. To send messages by your phone, you must obtain the number of the SMS center from your local service provider.

The memory capacity for incoming and outgoing messages depends on your SIM card. If the memory is full, an error message displays and you cannot receive or save any new messages. Delete obsolete messages.

MMS

Multimedia message (Multimedia Message Service(MMS)) is a message service similar to text message(Short Message Service(SMS) and delivers multimedia messages from phone to phone. Multimedia message can contain image and sound. You can send or receive a multimedia messages using this function. This function is available only if it is supported by your local service provider and your phone offers multimedia message function.

Write Message Menu 1-1

In this menu, you can write and send a text message.

SMS Menu 1-1-1

Creating and Sending a New Message

You can write and send a text message of up to 160 alphanumeric characters within the limits of the maximum 5 pages.

1 **In Standby Mode, press the MENU soft key twice to enter the *Message* menu.**
- You can directly enter the ***Message*** menu by pressing ▶ key once.

2 **Press the OK soft key to enter *Write Message* mode.**

3 **Press the OK soft key to enter *SMS* mode.**

4 **Enter a message. For further details about how to enter text, see page 40.**

5 **When you press the key to exit from this menu, the message is automatically saved and displaid when you enter this menu again.**

6 **When you finish entering the message, press the OK soft key.**

7 **Enter the recipient's phone number and send the message.**
- If you want to recall the number from your phonebook, press the OPTION soft key and search for the number to which you want to send the message.

MMS

Menu 1-1-2

You can write and send a multimedia message using the New Multimedia Message option.

1 In Standby Mode, press the MENU soft key twice to enter the *Message* menu.

- You can directly enter the Message menu by pressing ▶ key once.

2 Press the OK soft key to enter *Write Message* mode.

3 Use the ▲ or ▼ key to scroll through the contents and select the *MMS* mode. Then, press the OK soft key to enter *MMS* mode.

4 You can write and send messages with text, image, audio.

◉ ◉ ◉ Caution: You can not send MMS attaching the image you took and saved in the phonebook.

Inbox

Menu 1-2

In this menu, you can view SMS/MMS messages you received.

SMS

Menu 1-2-1

In this menu, you can view the messages you received and reply, forward or delete them.

Viewing an Incoming Message:

Upon receiving a new text message, the New Text Message icon appears on the display.

To read the message immediately press the VIEW soft key and use the ▲ or ▼ key to scroll through the contents, when the folder is opened.

Your phone stores the received messages in the ***Inbox*** on your phone. In Standby Mode, you can access the received messages any time by using the ***Inbox***.

MMS

Menu 1-2-2

In this menu, you can view the messages you received and reply, forward or delete them.

While viewing a multimedia message, press the option menu. Or, access the Multimedia Message and select the Inbox. Inbox list will appear.

You can choose the following options.

Viewing a Incoming Message:

Upon receiving a new multimedia message, the New Multimedia Message icon ( ) appears on the display.

1 **To access the *Message* menu, press the MENU soft key in Standby Mode.**

2 **Select the *Inbox*.**

3 **Scroll to *MMS* and press the OK soft key.**
- The list of the received messages displays.

The screen shows the:
- Sender's phone number.
- Icon on the left of each multimedia message to show whether or not you read it; (Read) or (Unread).

4 **Scroll to a multimedia message you want to view by pressing the ▲ or ▼ key and press the OK soft key.**

5 **Use the ▲ or ▼ key to scroll through the contents.**

You can also use the volume keys on the left side of the phone to scroll up or down one line of the message.

Press the OPTION soft key to use the options.

6 **To return to Standby Mode, press the key.**

Outbox Menu 1-3

In this menu, you can send and delete the messages saved in the outbox.

SMS Menu 1-3-1

You can view the SMS messages you sent.

To view the messages:

1 **To access the *Message* menu, press the MENU soft key in Standby Mode.**

2 **Press the ◀ key to enter Message menu and press the ▲ or ▼ key to scroll to the Outbox and press the OK soft key.**

- The list of the sent messages displays.

The screen shows the:

- Sender's phone number.

3 **Scroll to a message by pressing the ▲ or ▼ key and press the OK soft key.**

4 **Use the ▲ or ▼ key to scroll through the contents.**

Press the OK soft key to edit the message text or use the options.

5 **To return to Standby Mode, press the key.**

MMS Menu 1-3-2

In this menu, you can view the MMS messages you tried to send.

Draft Menu 1-4

If you do not send the message after writing one in editor, unsent message is saved in this Draft.

And, if you fail to send the message, save the message in this Draft.

You can use the option menu to edit or delete such Draft message.

Templates Menu 1-5

In this menu, you can preset messages that you use most frequently. Scroll through the template list using the ▲ or ▼ keys. When the message template you want to edit highlights, press the OK soft key.

Voice Mail Menu 1-6

Voice Mail is a network feature. If the voice Mail is provided by your network, you can access the Voice Mail box with one key press.
Before activating this feature on your phone, you must enter the voice center number obtained from your service provider.

When you receive a new voice message, the New Voice Mail icon ( ) appears on the display.

Access the Voice Mail to listen to the voice message:

1 **Access the *Message* menu, scroll to Voice Mail and press the OK soft key.**

2 **Select the Voice Mail to automatically dial the voice center number.**

When the center answers, follow the voice prompts to listen to the message.

◉ ◉ ◉ Note : When you use this feature, if the Voice Mail center number is not currently stored in your phone, the phone alerts you that the center number is not stored and asks you to enter the number now. To enter the number, press the OK soft key and enter the number.

For further details about the Voice mMil feature, please contact your service provider.

Voice Center Menu 1-6-2

Allows you to store or change the number of your voice message center required when listening to your voice messages. You must obtain this number from your service provider.

Info Message Menu 1-7

Info Message is text messages broadcasted by the network. It was called Cell Broadcast in the previous model. It provides general information, such as weather reports, traffic news, and stock market prices. Each type of information has an associated information type number.

When you receive a 'CB Message', it is automatically displayed on the screen. If the message is long, you can scroll up/down the message. In case of 'Location CB', it is displayed on the user text area. If the text is too long to be displayed on the screen, it would be automatically scrolled.

To access the Info Message option:

1 **To access the *Message* menu, press the MENU soft key in Standby Mode.**

2 **Press the OK soft key.**

3 **Press the ▲ or ▼ key to scroll to *Info Message*, and press the OK soft key.**

The following options are available:

Read : Allows you to read CB messages.

Receive : Lets you view the last received messages.

Topics : Allows you to receive broadcast messages from a particular topic by adding the info message category in the phone or SIM memory.

- Manual : Use to manually enter the ID and title for a new topic. You can also add a new topic to the list and remove a topic from the list.
- All Channel : Allows you to receive all broadcast messages. You can use this option to declare automatically enter the ID and title for a new channel.

Languages : Allows you to select your preferred languages to display Info Message messages.

Alert : Allows you to select whether you are notified when you receive the broadcast messages.

Settings Menu 1-8

You can set several features for the message service on your phone.

SMS Menu 1-8-1

To customize your phone for the message service:

1. **To access the *Message* menu, and *Settings* menu press the MENU soft Key in Standby Mode.**
2. **Select the *SMS* and press the ▲ or ▼ key to scroll to *Settings*, and press the OK soft key.**
3. **Press the ▲ or ▼ key to scroll to the option you want to use and press the OK soft key.**

The following options are available:

SMS Center : Allows you to store or change the number of your SMS center required when sending and receiving messages. You must obtain this number from your service provider.

Status Report : Allows you to see the current status of SMS.

Message Type : Allows you to select the message type.

Validity Period : Allows you to set the length of time for which your text messages will be stored at the message center while attempts are made to deliver them. The times available are 1 hour, 6 hours, 12 hours, 24 hours, 2 days, 1 week, and maximum.

Reply Path : Allows you to set up the reply path.

MMS

Menu 1-8-2

To customize your phone for the message service:

1. **To access the *Message* menu, press the MENU soft key in Standby Mode.**
2. **Select the *Write Message* and press the ▲ or ▼ key to scroll to the MMS, and press the OK soft key.**
3. **Press the ▲ or ▼ key to scroll to the option you want to use and press the OK soft key.**

The following options are available:

Validity period : Allows you to set validity preiod.

Delayed delivery : Allows you to set the time you want to send a message.

Delivery report : Allows you to set whether you see the delivery report.

Read report : Allows you to set whether you see the read report.

Priority : Allows you to set priority of the message.

Auto download : Allows you to set the regulation receiving message.

Message class : Allows you to preset your message in 3 class such as Personal/Advertisement/Informational.

Memory Status

Menu 1-8-3

Lets you view the current amount of memory used in your phone and SIM card.

Call History Menu 2-1

Your phone keeps track of calls made from your phone, received calls and missed calls. When you access the ***CALL Register*** menu, you can view the list of calls.

The numbers are continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

Missed No. Menu 2-1-1

You can view the last 30 numbers of the calls you received, but did not answer. Your phone records these numbers only when you are subscribed to the Caller Line Identification service.

To view the missed numbers:

1 **Press the MENU soft key in Standby Mode.**
- The Call Register options display.

2 **With the *Missed No.* option selected press the OK soft key.**
- The Missed Number list displays.

3 **Press the ▲ or ▼ key to scroll to the number you want to view on the list.**

4 **When the number displays, press the key to dial the number.**

Press the OK soft key for the following options.

Received No. Menu 2-1-2

You can view the last 30 numbers of the calls you received. Your phone records these numbers only when you are subscribed to the Caller Line Identification service.

To view the received numbers:

1 **Press the MENU soft key in Standby Mode.**
- The Call Register options display.

2 **With the *Received No.* option selected, press the OK soft key.**
- The Received Number list displays.

3 **Press the ▲ or ▼ key to scroll to the number you want to view on the list.**

4 **When the number displays, press the key to dial the number.**

Press the OK soft key for the following options.

Dialed No. Menu 2-1-3

You can view the last 30 numbers that you dialed, whether or not they connected successfully.

To view the dialed numbers:

1 **Press the MENU soft key in Standby Mode.**
- The Call Register options display.

2 **With the *Dialed No.* option selected, press the OK soft key.**
- The Dialed Number list displays.

3 **Press the ▲ or ▼ key to scroll to the number you want to view on the list.**

4 **When the number displays, press the key to dial the number.**

Press the OK soft key for the following options.

5 **To exit the call record, press the key.**

Call Duration Menu 2-2

This menu allows you to view the timers for calls that you made and received.

The following timers are available:

Last Incoming Menu 2-2-1

Shows the time of the last incoming call.

Last Outgoing Menu 2-2-2

Shows the time of the last outgoing call.

Total Incoming Menu 2-2-3

Shows the time of all incoming calls.

Total Outgoing Menu 2-2-4

Shows the time of all outgoing calls.

Reset Menu 2-2-5

You can use the ***Reset*** option to reset the call timers; when the phone prompts you to confirm, press the OK soft key. The timers are reset.

Note : The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes, etc.

Call Costs Menu 2-3

This mode allows you to see and set up the cost related stuff.

◉ ◉ ◉ Note : This menu is available once your SIM card supports this function.

Last Call's Cost Menu 2-3-1

Allows you to see the cost for the last call you made.

All Call's Cost Menu 2-3-2

Allows you to see the total cost you made.

Last Reset Menu 2-3-3

Allows you to reset all cost.

View Max Cost Menu 2-3-4

Allows you to see the maximum cost you can make calls.

Set Max Cost Menu 2-3-5

Allows you to set the maximum available unit to calculate the maximum cost.

Price/Unit Menu 2-3-6

Allows you to set the price per unit.

GPRS Counter Menu 2-4

Using this menu, you can check the volume of packets sent or received.

Access the Personal menu, and select the GPRS Counter.

Following options are available:

Last Sent Menu 2-4-1

Shows the volume of data sent last.

Last Received Menu 2-4-2

Shows the volume of data received last.

Total Sent Menu 2-4-3

Shows the total volume of data sent

Total Received Menu 2-4-4

Shows the total volume of data received.

Reset Menu 2-4-5

You can use the ***Reset*** option to reset the GPRS counter; when the phone prompts you to confirm, press the OK soft key.
The GPRS Counter is reset.

◉ ◉ ◉ Note : GPRS is the abbreviation of General Packet Radio Service, and enables to connect to the data network and to use information and multimedia service. In GPRS technology, the data is sent in 'packets' and is well suited to the sporadic nature of data application. The counter unit is byte.

This menu allows you to set up the sound options fitting for specific situation in advance. How to set up the specific options are all the same. Please, refer to the General Mode below.

General — Menu 3-1

This menu allows you to set the sound up for general situation.

Activate — Menu 3-1-1

Allows you to activate General mode. If activated, the phone sounds as you set up in General mode.

Personalise — Menu 3-1-2

Allows you to set up options related to the sound such as Alert Type, Ring Tone and Ring Volume.

Rename — Menu 3-1-3

Allows you to change the mode name.

The following options are available : (Menu 3-1-2)

Alert Type : You can select an alert mode for incoming calls. Press the ▲ or ▼ key to scroll through the available mode.

Ring Tone : This menu allows you to select the melody to be played when a call comes in.

Press the ▲ or ▼ key to select a melody category and the ▲ or ▼ key to scroll through the available melodies. From the melody list, you can select another melody category by pressing ◀ or ▶ key.

You can adjust the volume level by pressing the side volume key. While you select and listen to the melody.

Ring Volume : You can adjust the volume level of the ring volume.

Message Tone : This menu allows you to select the melody to be played when a message comes in. Press the ▲ or ▼ key to scroll through the available melodies.

Key Volume : You can adjust the key volume level of the key volume.

Key Tone : This menu allows you to select the keypad sound each time you press a key.

Folder Tone : This menu allows you to select the folder tone that sounds when you open and close the folder.

Connect Alert : The phone sounds a connect tone when your call is connected to the system.

Power on/off Melody : The phone sounds when it is in either condition on or off if this option is on.

Many different features of your phone can be customized to suit your preferences.

Time/Date Set Menu 4-1

Time Set Menu 4-1-1

This option enables you to set the current time in the format you prefer.

When you select the Time Set, two fields are displayed. First, you can select the time format of 24 hours or 12 hours. Use the ◀ or ▶ key to toggle between 24 hours and 12 hours for time format.
If you select 24 hour format, go to the next field to enter the number for the time you want directly. Use the ▲ or ▼ key to move between the fields.

If you select 12 hour format, field for Am and Pm will be added and a total of 3 fields will be displayed.
Select the Am or Pm and go to the next field to enter the number for the time you want directly.

Date Set Menu 4-1-2

This option enables you to set the current date in the format you prefer in one screen.

The following options are available:

Date Format : Select a date format. The following formats are available:

- YYYY/MM/DD (year/month/day)
- DD/MM/YYYY (day/month/year)
- MM/DD/YYYY (month/day/year)

Select a date format in the upper bar and enter the date in the low bar. press the ▲ and ▼ key to move between the field.

Set Date : You can use the ◀ and ▶ key to move the cursor to the digit. Enter the date using the number keypad and press the SAVE soft key.

Alarm Set Menu 4-2

This feature allows you to:

- Set the alarm to ring at a specific time.
- Set the phone to ring the alarm at the specified time even while the phone is switched off (***Power Off Alarm*** is enabled).

Set Alarm

Menu 4-2-1

To set an alarm:

1 **Press the [OK] soft key when *Set Alarm* is highlighted.**

2 **Select one of Alarm 1 through 3 and press the [OK] soft key.**
- If you selected 24 hour mode in Time Set, 2 fields are displayed: upper field is to enter alarm time and the lower field is to select frequency option.
- If you selected 12 hour mode in Time Set, 3 fields are displayed: the first field is to select AM/PM, the second field is to enter alarm time, and the third field is to select frequency option.

3 **Choose the AM/PM using the ◀ or ▶ keys.**

4 **Enter the required time using the number keypad.**

5 **Choose an alarm frequency option using the ◀ or ▶ keys.**
- **One Time :** The alarm rings only once and is then deactivated.
- **Daily: the alarm rings every day at the specified time.**
- **Morning Call :** The alarm rings from monday to friday at the specified time.
- **Delete :** Delete the alarm.

6 **Press the [SAVE] soft key to save the setting.**
- An alarm check mark displays on the right of the alarm you set among Alarm 1/Alarm 2/Alarm 3 once you finish setting the alarm.

To stop the alarm when it rings, open the folder and press the [EXIT] soft key.

Alarm Sound

Menu 4-2-2

Allows you to select an alarm sound. 14 piecies of melody and downloaded melody are available.

Power Off Alarm

Menu 4-2-3

To set the alarm to ring when the phone is off:

1 **From the *Alarm Set* menu, press the ▲ or ▼ key to scroll to *Power Off Alarm*, and press the [OK] soft key.**

2 **If necessary, press the ▲ or ▼ key to select *On*.**
- If you want to cancel setting a power off alarm, select ***Off***.

3 **Press the [OK] soft key to save the setting.**

◉ ◉ ◉ Note : If the phone is turned off at the specified alarm time, it automatically turns on and sounds the alarm alert. You can stop the alarm when it rings by pressing the volume key. Then, the phone turns off automatically.

Call Setting Menu 4-3

Some of the following menu functions are network services. Please contact your service provider to check their availability and subscribe to them, if you wish.

Call Divert Menu 4-3-1

This network service enables incoming calls to be rerouted to the number that you specify. This feature may be unavailable depending on the network.

Call diverting can be set up in the following ways :

All Voice Calls : All voice calls are diverted.

If Busy : Calls are diverted if you are already on another line.

If Not Answered : Calls are diverted if you do not answer the phone.

If Out Of Reach : Calls are diverted if you are not in an area covered by our service provider.

If Not Available : Calls are diverted if you are not available.

All Data Calls : All data calls are diverted.

All Fax Calls : All fax calls are diverted.

Cancel Divert : All call diverting options are cancelled.

Example : You can :

- Divert fax calls to your office fax machine.
- Divert voice calls to your colleague if you are already using the phone.

To set your call diverting options:

1 **Select the situation when you want to divert a call.**
- You can select among If No Reach, If Busy, If No Reply, All Calls and Cancel All.

2 **Select the type of calls to be diverted by pressing the ▲ or ▼ key and then press the OK soft key.**
- Voice, Fax and Data are available.

3 **Select the type of call diverting required by pressing the ▲ or ▼ key and then press the OK soft key.**
- Check Status, Set Divert and Cancel Divert are displayed.

4

To	Select the
Display current status	Check Status
Activate call diverting	Set Divert
Deactivate call diverting	Cancel Divert

5 **Enter the number to which the calls are to be diverted and press the OK soft key.**
- To enter an international code, press the ***0*** key until the **+** sign displays.

6 **The phone sends your settings to the network and the network's acknowledgement displays.**

You can deactivate all call diverting settings by selecting the ***Cancel All*** option.

Call Waiting

Menu 4-3-2

This network service enables you to be informed when someone is trying to reach you during another call.

You can specify the call waiting option for voice calls only.

To set your call waiting options:

1 **Select the *Call Waiting* option in the *Call Set* menu and press the OK soft key.**
- The screen shows check status, activate and deactivate.

2 **You can activate or deactivate the call waiting feature as necessary using the *Activate* or *Deactivate* soft key respectively.**

Send My Caller ID

Menu 4-3-3

When this menu is set to On, you can send your phone number to the designated phone when making a call so that the recipient can see your phone number.

◉◉◉ Note : Some networks do not allow the user to change this setting.

Upon accessing this menu :

On: Your number displays on the other person's phone.

Off: Your number does not appear on the other person's phone.

Set by Network : The setting is determined by your network.

Answer Key
Menu 4-3-4

This menu allows you to select how you answer when an incoming call comes in. Your phone is preset to answer when you press the SEND key or ACCEPT soft key.

Min Minder
Menu 4-3-5

This menu allows you to specify whether or not the phone beeps during an outgoing call to keep you informed of the length of your call.

Auto Redial
Menu 4-3-6

When the Auto Redial function is ***On***, the phone makes up to ten attempts to redial the phone number after an unsuccessful call.

◉◉◉ Note : The interval between two call attempts varies.

Auto Answer
Menu 4-3-7

You can set the phone to answer an incoming call. When this menu option is activated, the phone automatically answers calls after a predefined time.

Data Transfer Mode
Menu 4-3-8

Your phone is capable of sending and receiving digital data and fax call when connected to a computing device, such as a laptop, desktop, handheld, or palmtop running Windows NT, Windows 95 or later versions. The phone functions just like a typical modem on your PC, enabling you to use wireless data involving a wide variety of Windows software applications.

To use digital data or fax services with your phone, you need a digital data/fax kit. This kit contains the necessary cables and software required for you to connect and use your phone with your computing device.

◉◉◉ Note : The phone must be on a digital network to receive or send fax and data.

In the Data Transfer Mode menu, you can set up the call mode to use data or fax calls as well as normal voice calls.

The following options are available :

(Single No.) Voice : Your phone sends or receives the voice call, if your SIM card allows this option.

(Single No.) Fax : Your phone sends or receives the Fax call, if your SIM card allows this option.

(Single No.) Data : Your phone receives the Data call, if your SIM card allows this option.

Using a Data or Fax Call

To be able to use data or fax services, you need application software such as a data or a fax program. Before using these functions, you need to connect your phone to the computer and make sure that your phone is registered as a modem in your system.

Making a Data or Fax Call

Using a Data Call

1 **Choose "(Single No.) Data" item in phone menu.**

2 **Connect the phone to your computer with the cable.**

3 **After starting the software for network connecting (built in Windows System), make the data service using the browser of Windows System.**

After using the Data Call, set the mode to "(Single No.) Voice"

Usage : Prior to using Data Call, you must first set your phone as a modem in the Windows system(Start > Settings > Control Panel > Modem or Telephone/Modem Option). Register your phone as a "standard 19200 bps modem" and set the COM port number to which the cable is connected. (Set the port 115200 bit/sec)

Data Call : You set the software using the Widows system (Start > Settings > network connect), and use the data service (this service is related to net-work services. for more information, please contact your service provider)

Using a Fax Call

1 **Choose "(Single No.) Fax" item in phone menu.**

2 **Connect the phone to your computer with the cable.**

3 **After starting the software for Fax, and use the Fax services.**

After using the Fax Call, set the mode to "(Single No.) Voice"

Example : Fax Call :

1. Connect the phone to the computer using the cable.
2. Open WinFax 10.0 in Windows
3. Check that configuration is set to 19200 bps modem with the compatible COM port.
4. Set the Receive Mode to AUTO RECEIVE.
   Otherwise, set MANUAL RECEIVE when the incoming animation plays.

Phone Settings Menu 4-4

Language Menu 4-4-1

You can set the display language.

The available languages are English and Russian, French, etc..

Note : This setting does not affect the Web Browser.

Main LCD Menu 4-4-2

You can set an image to be displayed on the main LCD in Standby Mode.

Select an image from the category.

User Text (Menu 4-4-2-3)

You can display your own greetings in Standby Mode. Create your own message of up to 40 English or 20 Chinese characters. For further details on how to enter text, see page 40.

Sub LCD Menu 4-4-3

You can set an image to be displayed on the front LCD in Standby Mode.

Sub LCD Contrast (Menu 4-4-3-3)

Your Sub LCDs have contrast settings that can help you see the screen better in different lighting conditions.

Backlight Menu 4-4-4

When the phone is attached to the optional Hands-Free Car Kit, the backlight remains on while the phone is on. At other times, you can set how long the backlight of the keypad remains on after the last key is pressed. Backlight uses your battery faster.

Screen Saver Menu 4-4-5

The Screen Saver feature allows you to conserve your battery power by turning off the LCD screens when you do not use the phone.

Notes :

- When you press a key or receive a call or message, the screen automatically turns on.
- When you press and hold the lower volume key with the folder closed, the sub LCD screen turns on.
- The screen saver will not work when you use the camera function.

LED Select Menu 4-4-6

Using this menu, you can set the LED on or off.

Security Settings Menu 4-5

Using this menu, you can activate use of the password for the Personal menu and change the password.

PIN Code Menu 4-5-1

Using this menu, you can activate the use of the PIN (Personal Identification Number) code provided by your SIM card and change the code if possible.

The following options are available :

Enable PIN : When this option is selected, you must enter your PIN code each time you switch the phone on. Consequently, any person who does not have your PIN code cannot use your phone features without your approval, except to make emergency calls by pressing the SOS soft key.

Disable PIN : When the option is selected, you don't have to enter your PIN code when you switch the phone on. Your phone connects directly to the network when yo switch it on.

Phone Lock Menu 4-5-2

Using this menu, you can lock your phone to keep it from being used by unauthorized people. When the phone is locked, you cannot use any function.

You are prompted to enter the password when you try to enter the menu or make a call after turning the phone on. The password is preset to "0000." To change the password, refer to "Change Password" on the next page.

The following options are available :

Power on : You can lock/unlock the phone when the power is on or the SIM card is changed.

Immediately : You can immediately lock the phone.

Call Barring

Menu 4-5-3

The call barring network service allows you to restrict your calls.

When you select this option, you are prompted to enter a password.

Following options are displayed :

All Outgoing : Calls cannot be made.

International : International calls cannot be made.

Incoming When Roam : Calls cannot be received when you are using your phone outside of your home service area.

International Exc. Home : When abroad, calls can be made only to numbers within the current country and to your home country, which is the country where your home network provider is located.

All Incoming : Calls cannot be received.

For each of the above options, you can check the status, set barring and cancel barring.

To set your call barring options :

1 **Select the Call Barring, and you will be requested to enter current barring password.**

- Outgoing, International Calls, International Exc.Home, Incoming Call, Incoming When Roam, Cancel All Bars and Change Password will appear.

2 **Select the type of calls to be barred by pressing the ▲ or ▼ key and then press the OK soft key. Check Status,**

- Set Barring and Cancel Barring will appear.

3 **To activate the call barring, select the Set Barring.**

4 **To deactivate the call barring, select the Cancel Barring.**

- The phone sends your setting to the network and the network's acknowledgement displays.

You can also deactivate all call barring settings by selecting the ***Cancel All Bars*** option.

You can set and change the call barring password obtained from your service provider by using the ***Change password*** option. You must enter the current password before you can specify a new one. Once you have entered a new password, you are asked to confirm it by entering it again.

Fixed Dial Number

Menu 4-5-4

Allows you to only make a call to the number you list up in FDN list.

The following options are available :

On/Off : Allows you to activate/deactivate this function.

List : Allows you to see the FDN list you listed up.

Add : Allows you to add phone numbers in the FDN list.

◉◉◉ Note : This menu is available only when your SIM card support FDN function.

Closed User Group

Menu 4-5-5

The following options are available :

Default : You may set a defauld CUG with your service provider. If you have done so, you can enable the Default group option on your phone. When making a call, you are given the option of using your default CUG, instead of selection one from the list.

On : Lets you list, add or delete CUG index numbers. If there is no CUG index stored, you are prompted to add a new index when you select this option. Once you have added a CUG index, the list of current CUG indexes appears.

Change Codes

Menu 4-5-6

The Change Code feature allows you to change your current phone password to a new one.

1 **Enter the current password and press the OK soft key.**

2 **Enter a new password and press the OK soft key.**

To clear the last entry, if necessary, press the CLEAR soft key. Press and hold the CLEAR soft key to clear all entries.

Pin code/PIN2 code(Menu 4-5-6-1/4-5-6-2)

This option allows you to change your current PIN to a new one, provided that the Enable PIN feature is enabled.

1. Enter the current PIN and press the OK soft key.

2. Enter a new PIN and press the OK soft key.

To clear the last entry, if necessary, press the CLEAR soft key. Press and hold the CLEAR soft key to clear all entries.

The following options are available :

Barring code : You can set and change the call barring password obtained from your service provider by using this option. You must enter the current password before you can specify a new one. Once you have entered a new passwored, you are asked to confirm it by entering it again.

GPRS Setting

Menu 4-6

This menu allows you to set GPRS options.

Note : This menu is available only when your phone is connected with GPRS network.

GPRS Session

Menu 4-6-1

Following options are displayed :

Always online : Allows your phone to be always connected with GPRS service.

When needed : Allows you to use GPRS when you need.

Network Select Menu 4-7

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

◉ ◉ ◉ Note : You can select a network other than your home network only if it has a valid roaming agreement with your home network.

To automatically or manually select the network when roaming:

1 Press the ▲ or ▼ key until the appropriate option highlights and then press the OK soft key.

- If you select ***Automatic***, you are connected to the first available network on the preferred list when roaming.
- If you select ***Manual,*** the phone scans for the available networks. Go to Step 2.

2 Press the ▲ or ▼ key until the preferred network highlights and then press the OK soft key.

- You are connected to that network.

Factory Set Menu 4-8

This menu allows you to reset the phone. Resetting the phone restores the default value of all of the menu settings.

When you select the factory set, the message "Are You Sure?" will be displayed select OK soft key and your phone will ask you to enter the password. Enter the 4-digit password and press the OK soft key. The default value is set.

The default phone password is "0000." For further details about the password, see page 97.

****Note**

Be sure that the battery has enough power and never separate the battery form the phone while using.

Phonebook Menu 5-1

You can store phone numbers and their corres-pounding names in the phone memory.
You can store up to 1,000 entries in the phone memory, called Phonebook.

Name Search Menu 5-1-1

1 In Standby Mode, press the PHONEBOOK soft key.
- The PHONEBOOK options display.

2 Press the ▲ or ▼ key to scroll to *Name Search* and press the OK soft key.
- When you enter the Name Search mode, Quick Search Edit Box is displaid. When you key any alpabet the phone show you the search list.

◉◉◉ Note : If you don't press any key for 10 seconds, Quick Search Edit Box will be disappeared.

3 Enter the name and press the OK soft key.

◉◉◉ Note : For information on how to enter text, see page 40.

4 The phone searches for the names on the list containing that character(s), and then displays the first name in that section of the list.

5 If you want another entry, press the ▲ or ▼ key to scan through the list.

6 Press the key to dial the number of the entry.
- If you press the OPTION soft key when you select a Phonebook entry, you can use the following options - Edit, Call, Send Message, Send MMS, Copy, Delete.

Group Search Menu 5-1-2

Allows you to view the list of phone numbers assigned to many groups.

1 In Standby Mode, press the PHONEBOOK soft key and press the ▲ or ▼ key to scroll to Group Search and press the OK soft key.

2 Press the ▲ or ▼ key to scroll to a group you are looking for and press the OK soft key.

Add Entry

Menu 5-1-3

You can store a phone number in the internal Phonebook in two different ways.

To store a phone number in Standby Mode without accessing the Phonebook menu:

1 Enter the number you want to store.

2 Press the SAVE soft key to go to the *Add Entry* of the Phonebook directly.

- If you selected 'Phone and SIM' option in 'Memory in use' option, the Selection menu window appears for you to select where you are going to store the phone number. You can select eithier Phone or SIM to store the number. Please, refer to page 116 for more information regarding 'Memory in use' option.

3 Press the ◀ or ▶ key to change to the image you want.

4 Press the ▲ or ▼ key to move to the fields you want such as Name field, Phone Number field and E-mail Field.

- To enter the name for the phone number you entered, press the key to go to the Name field.
- Press the key to activate this field. Enter the name and press the OK soft key.
- For information about how to Enter the name you want to store, see page 40.

5 Press the ▼ key to move to the next field.

- 4 Phone Number fields and 1 E-mail field are available.
- Press the key to activate the field.
- Press the C key to delete the number one by one and press the OK soft key to save.
- Press the ▼ key to go to the next Phone Number field.
- Repeat the steps shown above to save other phone numbers including home phone, office phone, mobile phone and fax number.

6 Press the ▼ key to go to the E-mail field.

- Press the key to activate the field and enter the e-mail address.

7 Press the ▼ key to go to the Group Select field.

- Press the ◀ or ▶ key to change to the caller group you want.

8 Press the OK soft key. The Save popup window appears and the number is auto-matically saved in the first available location in the phone.

- The phone automatically returns to Standby mode.

To store a phone number by using the Phonebook menu:

1 In Standby Mode, press the PHONEBOOK soft key.
- The PHONEBOOK options display.

2 Press the ▲ or ▼ key to scroll to *Add Entry* and press the OK soft key.

3 Press the ◀ or ▶ key to change to the image you want.

4 Press the ▲ or ▼ key to move to the fields you want such as Name field, Phone Number field and E-mail Field.
- To enter the name for the phone number you entered, press the ▼ key to go to the Name field.
- Press the key to activate this field. Enter the name and press the OK soft key.
- For information about how to enter text, see page 40.

5 Press the ▼ key to move to the next field.
- 4 Phone Number fields and 1 E-mail field are available.
- Press the key to activate the field.
- Press the C soft key to delete the number one by one and press the OK soft key to save.
- Press the ▼ key to go to the next Phone Number field.
- Repeat the steps shown above to save other phone numbers including hone phone, office phone, mobile phone and fax number.

6 Press the ▼ key to go to the E-mail field.
- Press the key to activate the field and enter the e-mail address.
- For more information about how to enter e-mail address, see page 40.

7 Press the ▼ key to go to the Group Select field.
- Press the ◀ or ▶ key to change to the caller group you want.

8 Press the OK soft key.
- The Save popup window appears and the number is automatically saved in the first available location in the phone.

SIM add entry:

1 Press the ▲ or ▼ key to move to the fields you want such as Name Field, Phone Number Field, Group Select Field, SIM Address Select Field.

2 You can select Caller Group or SIM Address you want by pressing ◀ or ▶ key in Group Select Field, SIM Address Select Field.

3 In Standby Mode, when you key SIM Address + #, the corresponding number appears.

Speed Dials

Menu 5-1-4

Once you have created Phonebook entries, you can assign a speed dial number in a selected Phonebook entry. Then, you can speed-dial the Phonebook entry with one key press. You can assign up to 8 speed dials.

To assign a speed dial number :

1 **In Standby Mode, press the PHONEBOOK soft key.**
- The PHONEBOOK options display.

2 **Press the ▲ or ▼ key to scroll to *Speed Dials* and press the OK soft key.**
- The Speed Dials list displays.

3 **Press the ▲ or ▼ key to select an empty location from 2 to 9 and press the OK soft key.**

◉◉◉ Note : Speed Dial location 1 is reserved for your Voice Center number.

4 **Search the phonebook entry by entering the first few letters of the name and press the OK soft key.**
- For information on how to enter the name, see page 40.
- The list of the names beginning with the characters you entered displays.

5 **Press the ▲ or ▼ key to scroll through the names on the list.**

6 **When you find the name, press the OK soft key.**
- The name displays on the Speed Dials list.

7 **To return to Standby Mode, press the key.**

To speed-dial a number :

1 **In Standby Mode, press and hold the speed dial number from 2 to 9 for about 2 seconds.**

2 **The phone number that was stored in the speed dial location dials.**

To change or delete the speed dial assignment :

1 **In Standby Mode, press the PHONEBOOK soft key.**
- The ***PHONEBOOK*** options display.

2 **Press the ▲ or ▼ key to scroll to *Speed Dials* and press the OK soft key.**
- The Speed Dials list displays.

3 **Press the ▲ or ▼ key to select the speed dial location and press the OK soft key.**

4 **If there is no entry in the location you selected, Name Search screen will appear.**
- Enter the name to search for the names on the list containing the character you entered. Scan through the list and select the entry you want.
- If there is an entry in the location you selected, the phone shows the name and phone number stored in the location.
  Press the OPTION soft key.

5 **Press the ▲ or ▼ key to select the option and press the OK soft key.**

6 **To return to Standby Mode, press the key.**

Caller Groups

Menu 5-1-5

You can use caller groups to add Phonebook entries to a caller group so that the phone alerts you in a particular ring when the person in the group calls you.
6 groups are available with your phone and you can change the name of each group.

PB Manage

Menu 5-1-6

The ***PB Manage*** option in the ***Phonebook*** menu allows you to manage your phonebook.

To access the PB Manage option :

1 **In Standby Mode, press the PHONEBOOK soft key.**
- The PHONEBOOK options display.

2 **Press the ▲ or ▲ key to scroll to *PB Manage* and press the OK soft key.**

3 **Press the ▲ or ▲ key to select an option and press the OK soft key.**

You can use the following PB Manage options :

Own Number

This option allows you to :

- Store your own phone numbers with a name
- Edit the names and number.

Once you store the numbers, you can see the number list when you access the *Own Number* menu.

Scratch Pad

This option allows you to view the number saved using the Scratch Pad feature during a call. For details about using the Scratch Pad, see page 36.
To save the displayed number, press the SAVE soft key.
You can make a call directly using this function directly.

Service Numbers

This menu is available only when your SIM card supports 'Service Numbers' function. The SIM card contains several sets of phone numbers, main is subscriber's phone book. However, network operator can put his own service numbers (message box, customer service etc.) into a special directory called.

Memory Status

This option allows you to check how many entries are currently stored in Phonebook;
SIM card and Phone memories. You can also see the capacity of both memories.

Copy All

This option allows you to copy or move all contents of the phonebook from either your phone memory or SIM card to the other.

Delete All

This option allows you to delete all contents of the phonebook in your phone memory or SIM card.

Memory In Use

This option allows you to select which storage you are going to access for the Phonebook contents. You can select Phone and SIM each or both of them.

Scheduler Menu 5-2

When you enter this menu, the calendar displays with today's date highlighted. A rectangle on a particular date means that there is a scheduled event on that day. You can be alerted by this function before an event commences.

Scrolling through the Calendar

The current date with the associated date of the lunar calendar appears on the top line of the display. Enter the date using the number keypad.

Or, you can move the cursor to select the Year, Month and Day fields by pressing the ◀ or ▶ key.

When the field is selected, press the ▲ or ▼ key, or the volume keys on the left side of the phone to move up or down by increment of 1.

Scheduling a New Event

You can schedule up to 50 events for one day.

1 Highlight a date on the calendar referring to "Scrolling through the Calendar" above.

2 Press the OPTION soft key to access the Scheduler options.

3 Press the ▲ or ▼ key to highlight Make and press the OK soft key.

4 Press the ▲ or ▼ key to select *am* or *pm* and enter the time.
- To make an All Day event, select ***All Day***.

◉◉◉ Note : When you schedule an All Day event, you can't set the event time and alarm.

5 Press the ▼ key and press the ◀ or ▶ key to choose the type of event.

6 Press the ▼ key and press the ◀ or ▶ key to select a repeating option.

7 Press the ▼ key and press the ◀ or ▶ key to select an alarm option. Press the OPTION soft key.

Once you have scheduled the events, the icons corresponding to the event types appear on the top line of the calendar when you move to the scheduled day.

Viewing Schedule on a Particular Day

1 **Highlight a date on the calendar, referring to "Scrolling through the Calendar" on page 117.**

2 **Press the OPTION soft key to access the Scheduler options. Press the OK soft key when *View Day* highlights.**

You can also press the CONFIRM key to view the schedule of the day.

- The list of the events displays.

3 **Press the ▲ or ▼ key to scroll through the events.**

4 **When the event you want to view displays, press the OPTION soft key to access the following options:**

- **Preview :** Allows you to preview the scheduled event.
- **Delete :** Deletes the selected event.
- **Edit :** Allows you to change the event settings.

Viewing Specific Events

You can find an event using its date, type and note.

1 **On the calendar, press the OPTION soft key.**

2 **Press the ▲ or ▼ key to select *Find* and press the OK soft key.**

3 **Enter the period using the number keypad.**

- You can move the cursor through the date input fields by using the navigation keys.

4 **Select an event type by using the ◀ or ▶ key.**

5 **Press the ▼ key and press the soft key.**

6 **Enter the first few letters of the note and press the OK soft key.**

7 **Press the OK soft key.**

- The display shows the first event corresponding to your input.

8 **Press the ◀ or ▶ soft key to view other events.**

Deleting Events

1 **Highlight a date on the calendar, referring to "Scrolling through the Calendar" on page 117.**

2 **Press the [OPTION] soft key to access the Scheduler options.**

3 **Press the ▲ or ▼ key to highlight *Delete* and press the [OK] soft key.**

4 **Press the ▲ or ▼ key to one of the following options and press the [OK] soft key.**
- **Of Chosen Day :** Deletes all notes on the selected day.
- **All Days :** Deletes all of the notes in your Scheduler.
- **Old Events :** Deletes the schedule before the selected date.

5 **Press the ▲ or ▼ key to select an event type and press the [OK] soft key.**

6 **Select *One by One* or *All* and press the [OK] soft key.**
- When you select ***One by One***, go to the next step.
- When you select ***All,*** a confirming message appears. Press the [OK] soft key to delete the event(s) or the [BACK] soft key to cancel.

7 **When the first event displays, press the ◀ or ▶ key to scroll to the event you want to delete.**

8 **Press the [DELETE] soft key to delete the event.**

Viewing the Calendar in Another Format

The calendar is in monthly format by default. You can change the calendar to weekly format for the current view.

1 **On the calendar, press the [OPTION] soft key to access the Scheduler options.**

2 **Press the ▲ or ▼ key to highlight *View Weekly* and press the [OK] soft key.**

◉◉◉ Notes :

- The calendar is automatically changed to monthly format the next time you access it.
- You can change the default format using the ***Setup*** option. See below.

To return to the monthly calendar, select ***View Monthly*** from the Scheduler options.

Changing the Calendar Settings

1 On the calendar, press the OPTION soft key to access the Scheduler options.

2 Press the ▲ or ▼ key to highlight Setup and press the OK soft key.

3 Select an option by pressing the ▲ or ▼ key and change the setting by pressing the ◀ ▲ or ◀ ▲ key.

The following options are available :

First Screen : Allows you to change the default format of the calendar.

Auto Delete : Allows you to set how long your events are stored in the Scheduler.

4 Press the OK soft key.

File Manager Menu 5-3

Memory Status Menu 5-3-1

You can display the total size, used size and remaining size.

File List Menu 5-3-2

You can manage and view the size of image and sound used in the phone and set a image files as wallpaper.

In this menu, you can take a photo, save it as an image photo or PBook photo.

You can access the camera menu by 2 ways.
If you press the key or select the Camera menu in the Standby mode, the camera menu such as Shooting, Special Effect, Album and Configuration will be displayed.

Shooting Menu 6-1

In this menu, you can take a photo and save it as an image or PB Photo. Following options are available.

- **Zoom :** Use the ▲ or ▼ to adjust the zoom from 1 to 5 level.
- **Exposure :** Use the ▲ or ▼ to adjust the contrast from 1 to 8 level.
- **Effect :** Use the ▲ or ▼ to select various effects to the image.
- **Size :** Use the ▲ or ▼ to define the size of the image.
- **Quality :** Use the ▲ or ▼ to adjust the quality of the image among good, normal and fine.
- **Time :** Use the ▲ or ▼ to select the time to take a photo from 0, 2 or 10 seconds.
- **Multi shot :** Use the ▲ or ▼ to select how many shots you take in series.

After shooting the image, press the soft key to save it into Image Album. Press the "Rename" to change the name of the image.

Note : If you select the "PBook photo" in the Size Option and take a photo, you can save the image into the PBook Album automatically by pressing( ).

Special Effect Menu 6-2

In this menu, you can take a photo with various sticker frames or couple frames.
It has the same functionalities as the Shooting menu explained above except for the PBook photo and the Multi shot functionality which will not be supported in this menu.

Album Menu 6-3

In this menu, you can select Image Album or PBook Album to display the image photo that you saved.
If you press the Menu on the left side of the each image in the Image Album, Go To Menu, Set Wallpaper, Delete, Delete All and Rename will be displayed. If you select the Set Wallpaper, the image you chose will be displayed as a Wallpaper.At the Image Album, if you press the soft key, you can insert unique stamp image into the photo stored in this album.
If you press the Menu on the left side of the each image in the PBook Album, Go To Menu, Delete, Delete All and Rename will be displayed.
If you select the Rename, you can change the file name of it.

Note : You may not set the image as WallPaper if file memory is full.

Configuration Menu 6-4

In this menu, you can select Shutter Sound, Album Lock, Set Save Name or Auto Save function.
Shutter Sound : You can select shutter sound.
Album Lock : The password will be asked either to Enable or to Disable the Album Lock. You are allowed to access or not the Album only when the password is correct.
Set Save Name : You can define the save name of the photo you take. That name can be changed in Rename menu.
Auto Save : If you enable Auto Save, as soon as you take a photo, the image will be automatically saved. However, if you disable this, you can save the image by pressing the SAVE soft key.

This menu allows you to use your phone as your assistant providing you with various convenient features, such as Scheduler and Calculator.

Othello — Menu 7-1

You can enjoy othello game on your phone.
To stop playing a game, press the key or close the folder.

When you enter the game again, the game asks you whether you continue the previos game or not.

Calculator — Menu 7-2

You can use your phone as a calculator, which provides the basic arithmetic functions; addition, subtraction, multiplication and division.

Performing a Calculation

1 Enter the first number using the numeric keys.
- The number displays in the upper box.

Notes :
- To clear the last entry, press the CLEAR soft key. Press and hold the key to clear all of the entries from the display.
- To enter a decimal point, press the CONFIRM soft key.
- To enter a '+' or '-' in front of a number, press the key after you enter a number.

2 Press the navigation key to set the operation for your calculation referring to the screen; + (add), - (subtract), x (multiply), ÷ (divide).

3 Enter the second number.

4 To calculate the result, press the = soft key.

5 To reset the calculator, press and hold the CLEAR soft key.

Unit Converter Menu 7-3

This menu allows you to convert a unit into another unit, such as inches to centimeters.

To use the unit converter :

1 **Press the ▲ or ▼ key to scroll to the unit category. *Length, Weight, Volumes, Surface*, and *User Define* are available.**
- The User Define option allows you to set the specified rate as required.

2 **Press the OK soft key.**

3 **Enter the value to be converted using the number keypad.**
- The number appears in the ***In*** box.
- If necessary, press the CLEAR soft key to clear the last entry.

4 **Press the ▼ key to move down to the first unit box. Press the ◀ or ▶ key to select the original unit.**

5 **Press the ▼ key to move down to the second unit box. Press the ◀ or ▶ key to select the required unit to convert the value with.**

6 **The converted value automatically displays in the *Out* box.**

7 **To reset the converter, move up to the *In* box and press and hold the CLEAR soft key.**

World Time Menu 7-4

This feature allows you to check the current time for 59 major cities around the world. You can also set your time zone for displaying the date and time in Standby Mode.

When you access the *World Time* menu, the display shows the:
- Current date and time
- City name

To select your time zone :

1 **Select the city corresponding to your time zone by pressing the ◀ or ▶ key one or more times.**
- The local date and time display.

If you want to know other cities in the time zone, press the ▲ or ▼ key one or more times.

2 **When you find your time zone, press the OK soft key.**

Voice Memo Menu 7-5

This menu allows you to make a memo with your voice or any sound.

Following options are available

Record : This option allows you to record your voice for 60 seconds.

Play : This option allows you to play the voice memo. You can select one of the memos you recorded by pressing ◀ or ▶ key.

Delete All : This option allows you to delete all voice memos stored.

Downloads Menu 8-1

In this menu, you can run Java application that default contents and downloaded contents. Once you have downloaded contents, they are added to the list.

◉ ◉ ◉ Note : Before you use this menu, you must confirm that your service provider has supported.

Using Java Midlet menu

On the Midlets menu, press the menu soft key to show the following options.

Launch : Launches the selected Midlet.

Info : Show the Midlet information.

Remove : Allows you to remove the Midlet.

Update : Allows you to upgrade that Midlet of the latest version.

Memory Status Menu 8-2

In this menu, you can view the total and used memory amounts for Java contents.

Network Menu 8-3

In this menu, you can store the following information for Java application to use Network(Data Service) function.

Using Network menu

APN : Operator's Access Point Name

Username : User Identification

Password : Password

Internet

Your phone comes equipped with a WAP (Wireless Application Protocol) Browser, making it possible for you to access the Wireless Web.
Note that this feature may be unavailable or vary depending on your network.

The WAP Browser allows you to access up-to-the-minute information via your phone and view specially designed text versions of popular Internet sites, including Yahoo!®, CNN Mobile℠ and the Weather Channel®.

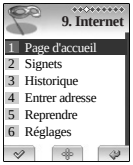
Browsing the Wireless Web using your phone is unlike using your computer, in that site providers select only the critical aspects of their sites for wireless phone users and remove most graphics.

Each time you start the WAP Browser, the phone connects to the Wireless Web. You are billed, after you are connected to the Wireless Web.

The WAP Browser ends the network connection after a certain period of inactivity and automatically reconnects as necessary. For this reason, you may find that you are billed for several network connections within a single session. This is normal and is designed to minimize your bill.

To quickly access the ***Internet*** menu from Standby Mode, press the CONFIRM key.

Home



This menu connects your phone to the Internet.
A connection is established with your service provider and the corresponding homepage displays.

The content of the WAP browser's startup homepage depends on your Wireless Web service provider.
To scroll through the screen, use the ▲ and ▼ keys.

◉ ◉ ◉ Note : To access the startup homepage from any other screen in the WAP Browser, use the CONFIRM key.

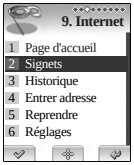
Navigating the WAP Browser

To	Press the
Scroll through and select browser items	▲ or ▼ key until the item is indicated by the cursor, and then press the CONFIRM key to confirm the selection.
Select a numbered item	Corresponding numeric key.
Return to the previous page	BACK soft key.
Return to the startup homepage	MENU soft key, and then select ***Home***

Exiting the WAP Browser

To exit the browser, press the key at any time.

Bookmarks



You can set a bookmark for most pages so that they can then be accessed directly from any web page. Bookmarks save you time by reducing the number of steps required to access a given page.

Adding a Bookmark

1 **Bookmarks list, press the ▲ or ▼ key to highlight *Add Bookmark* and press the YES soft key.**

2 **You can edit and add bookmarks.**

Viewing Bookmark

1 **Press the CONFIRM key to access the Internet menu and press the YES soft key to select the Bookmarks.**

2 **On the Bookmarks menu, select the Bookmark list to display the bookmark pages. Press the ▲ or ▼ key until you go to the bookmark page you want. Press the YES soft key to select it.**

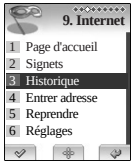
- Your phone will be connected to the bookmark site.

3 **You can edit or delete Bookmark lists by pressing OPTION soft key.**

- OPTION soft key appears when you select any Bookmark list.

4 **To exit the Bookmark, press the BACK soft key.**

Push Message

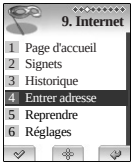


This menu allows you to view WAP Push Message and set the condition.

Inbox - WAP Push Messages you receive are stored in this box.

Setting - You can set the regulation regarding receiving WAP Push Message.

Goto URL



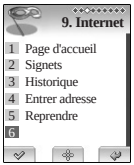
In this menu, you can manually enter the address of a web page and go there immediately.

1 **Press the CONFIRM key to access the Internet menu and press the SELECT soft key to select the Goto URL.**

2 **Enter the address of the web page.**
- For details on how to enter text, see page 40.

3 **Press the GOTO soft key to go to the page.**

Profile



In this menu, you can select profile for WAP browser. You should select the profile first before starting browsing. If you try to change any setting or to load a page without selecting a profile first, an alarm dialogue is displayed, informing that you should select a profile first.

Setting

In this menu, you can set the detailed option of each profile.

Following options are available

Home : In this menu, you can edit the homepage.

Bearer : Allows you to set bearer by selecting CSD or GPRS.

GPRS Settings : Allows you to edit APN, User name and Password.

GSM settings : Allows you to edit Dial up Number, User ID, Password, Call type, Call Speed and Linger Time. This menu is available only when you set GSM in Bearer menu.

Display image : Allows you to set whether to show image or not. You can select the Always, Ask or Never : if it is set to Always, image is shown always; if it is set to Ask, you are prompted to confirm whether to show image; if it is set to Never, image is never shown.

Connect type : Allows you to set connection type.

Secure setting : Allows you to use secure connection.

Proxy Setting :
- Proxies : Enables you to specify proxy port number and a proxy gateway to be used for connecting.
- Proxy Auth : Allows you to enable/disable to use Proxy Authentication.

Cashe Settings

Clear Cache

In this menu, you can clear the recent page saved in your browser.

Cache check

In this menu, you can decide whether you use cache or not and clear information in cache.

WAP Version

This menu allows you to see your current WAP browser version.

Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use.

Phone Password

The phone password can be used to avoid unauthorized use of your phone. The password “0000” is usually supplied with the phone. Change the password before you start using your phone.
Keep the new password secret and in a safe place, which is separate from the phone.

PIN code

The PIN (Personal Identification Number) code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled (Menu 4-5-1), the code is asked each time the phone is switched on.

If you key in an incorrect PIN code three times in succession, key in the PUK code and press the OK soft key. Key in a new PIN code and press the OK soft key. Key in the new code again and press the OK soft key.

PIN2

The PIN2, supplied with some SIM cards, is required to access some functions, such as changing unit counts. These functions are only available if support by your SIM card.

If you key in an incorrect PIN2 three times in succession, key in the PUK2 and press the OK soft key to unlock the phone. Key in a new PIN2 and press the OK soft key. key in the new PIN2 again and press the OK soft key.

PUK code

The PUK (PIN Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your local service provider for the code.

If you key in an incorrect PUK code ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK code. If you lose the code, contact your service provider.

PUK2 code

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code.

If you key in an incorrect PUK2 code ten times in succession, you cannot use the functions requiring the PIN2 code. Contact your service provider for a new card.

You cannot change the PUK2 code. If you lose the code, contact your service provider.

Barring code

The 4-digit barring password is required when you use the Call Barring function. You can obtain the password from your service provider when you subscribe to this function. See page 99 for further details.

Using the Batteries

Your phone is powered by a rechargeable Li-ion standard battery.

The following batteries are also available (ask your local dealer for further details):

- Slim battery
- Standard battery

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.

- Battery charging times depend on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only approved batteries and recharge your battery only with approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Safety Information

Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. If using a hand-held phone, park the vehicle before conversing. Always secure the phone in its holder, do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

Remember, road safety always comes first!

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference of danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (20 cm) be maintained between a hand-held mobile phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 6 inches (15 cm) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.

If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

Some digital mobile phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other Medical Devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (for example, electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems).

Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices so require.

Potentially Explosive Atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all mobile phone equipment on your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Switch off your phone before boarding an aircraft. The use of mobile phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Radio Frequency (RF) Signals

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only approved accessories. When carrying the phone while it is on, use the specific belt-clip that has been tested for compliance.

Use of non-approved accessories may violate FCC RF exposure guidelines and should be avoided.

For additional information concerning exposure to radio frequency signals, see the following websites:

Federal Communications Commission(FCC)
RF Safety program (select “Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters”) :
http://www.fcc.gov/oet/rfsafety

World Health Organization(WHO)
International Commission on Non-Ionizing Radiation Protection (select Qs & As) : http://www.who.int/emf

United Kingdom, National Radiological Protection Board :
http://www.nrpb.org.uk

Cellular Telecommunications Industry Association (CTIA) :
http://www.wow-com.com

U.S.Food and Drug Administration(FDA)
Center for Devices and Radiological
Health:http://www.fda.gov/cdrh/consumer/

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and allow you to enjoy this product for many years. When using your phone:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas as its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications of attachments could damage the phone and may violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Airtime
Actual time spent talking on the wireless phone. Most carriers bill customers based on how many minutes of airtime they use each month.

Antenna
A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

Call Barring
Ability to restrict outgoing and incoming calls.

Call Diverting
Ability to reroute calls to another mobile or fixed line.

Call Holding
Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting
Ability to inform users that they have an incoming call when engaged on another call.

Conference Calling
Ability to establish a conference call involving up to five additional parties.

DTMF(Dual-tone Multi Frequency)
You send DTMF signals when you enter numbers by pressing the digit keys.

Hands-Free
A feature that permits a driver to use a wireless phone without lifting or holding the handset - an important safety feature for automobiles, tractors and most other motorized vehicles.

GSM(Global System for Mobile Communication)
International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

LCD(Liquid Crystal Display)
Commonly used to refer to the screen display on the wireless phone.

LED(Light Emitting Diode)
Commonly used to refer to a small light on the wireless phone or on the Desktop Charger. The LED lights on the phone to indicate an incoming call. The lights on the charger indicate that battery charging is taking place.

PIN(Personal Identification Number)
Security code that protects the phone against unauthorized use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK(PIN Unblocking Key)
Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming
Use of your phone when you are outside your home area (when travelling for example).

SDN(Service Dialing Numbers)
Telephone numbers supplied by your network provider, giving access to special services, such as voice mail, directory inquiries, customer support and emergency services.

SIM(Subscriber Identification Module)
Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS(Short Message Service)
Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received (up to 160 English or French characters long) can be displayed, received, edited or sent.

Soft Keys
The and keys on the phone are the soft keys. The key function:

- varies according to the function that you are currently using
- is indicated on the bottom line of the display just above the corresponding key

Voice Mail
Computerized answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.

Wireless
Radio-based Systems that allow transmission of telephone or data signals through the air without a physical connection, such as a metal wire (copper) or fiber optic cable.

Safety Information

1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS
.POTE NTIALLY EXPLOSIVE ATMOSPHERES
Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cauls e an explosion or fire resulting in bodily injury or even death.

INTERFERENCE TO MEDICAL DIVICES
Certain electronic equipment may be shielded against RF signal from you wireless phone. (pacemakers, Hearing Aids, and so on) Turn your phone OFF in health c are
facilities when any regulations posted in these areas instruct you to do so. RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

.EXPOSURE TO RF ENERGY
Use only the supplied or an approved replacement antenna. Do not touch the antenna unnecessarily when the phone is in use. Do not move the antenna close to, or couching any exposed part of the body when making a call.

U.S.A.

U.S.FEDERAL COMMUNICATIONS COMMISSION
RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

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 the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

*- Reorient or relocate the receiving antenna.
. Increase the separation between the equipment and receiver.
*- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
*- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

FCC Compliance Information

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received.
Including interference that may cause undesired operation.

SAFETY INFORMATION FOR RF EXPOSURE

Body worn operation

This device was tested for typical body-worn operations with the back of the phone kept 15 mm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 15 mm. separation distance between the user's body and the back of the phone, including the antenna. The use of 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 requirements, and should be avoided.

SAR INFORMATION

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *

Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.886 **W/Kg** and when worn on the body , as described in this user guide, is **0.313 W/Kg** . (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on **FCC ID: SYSX101.**

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Asso-ciation (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.