Welcome!!

Thank you for choosing **S610** mobile phone! Please
read this manual carefully before you use your mobile phone.
For efficient use of your mobile phone,
we recommend you to read the Safety and General
Information chapter in advance.

* Please read before using the mobile phone

Please read these simple guidelines and safety instructions carefully before using the phone.

[Driving]
Please do not use a phone while driving. If you want to use your phone, please use a hands-free kit or please park the car first.

[Hospital]
Please turn off the phone when you are in hospital. Mobile phones can cause possible interference to medical devices such as hearing aids or pacemaker.

[Aircraft]
Please turn off the phone when you are in an aircraft.
It is prohibited to use phone in the aircraft.

[Blasting Area]
Please turn off the phone when you are near a blasting area.

[Battery and accessory]
Use only approved battery and accessories.

[When refuelling]
Do not use the phone at refuelling point(service station) or near fuel or chemicals.

[Disassembly]
Do not disassemble your phone or any of its accessories. Only certified service center can disassemble and repair your phone.

[Children]
Keep all accessories or batteries out of the reach of small children or babies. Please instruct children the proper ways of handling phone during usage. Shock circuit or breakdown may occur and may cause severe danger to user due to improper usage.

[Battery]
Do not apply extreme shock to battery. It is dangerous to disassemble a battery or to apply extreme shock to the battery via nail or heavy metal objects.

Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Package contents

Transceiver

Battery
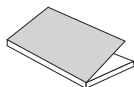
User Manual
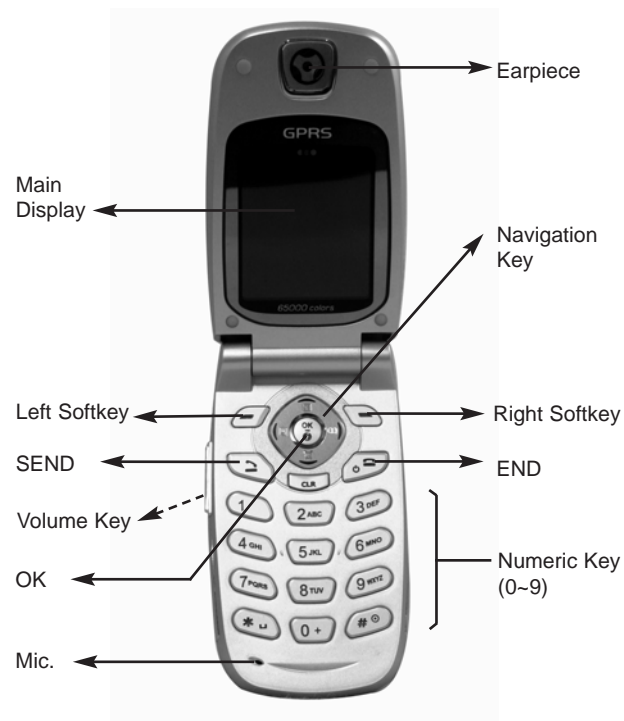
Charger

* The above photos depicts the closest actual representation
  of the products.

Phone overview

Earpiece

Main
Display

Navigation
Key

Left Softkey

Right Softkey

SEND

END

Volume Key

OK

Numeric Key
(0~9)

Mic.

Key definition

Key	Function
	[SEND Key] Makes or answers a call In idle mode: Access the *Call list*
	[END Key] End an active call. Hold the key down, switch phone On or Off.
	[Soft Key : Left] In menu mode : Performs the various functions according to the viewing menu. In idle mode : Connects to main menu.
	[Soft Key : Right] In Menu mode: Performs the various functions according to the viewing menu In Idle mode: Connects to Message
	[Side volume key] During a call : Adjusts earpiece volume In menu mode : Scrolls through the menu In idle mode : Adjusts the keytone volume
	[Numeric Key] Input 0~9 number in idle mode [Digit key 1] : When pressed and held in idle mode, quickly accesses voice mail server. [Digit key 9] : When pressed and held in idle mode, quickly accesses emergency Call

Key	Function
	[OK Key] In menu mode : Selects the main menu. In idle mode : Connects to WAP directly.
	[Navigation Key : Up] In menu mode : Scrolls the menu up. In idle mode : Access to *Call log* directly
	[Navigation Key : Down] In menu mode : Scroll down the menu In idle mode : Access to *STK* directly
	[Navigation Key : Left] In menu mode : Scrolls the menu up In idle mode : Access to *Calendar* directly
	[Navigation Key : Right] Edit mode : Moves the cursor right In Menu mode : Scrolls the menu Right Idle mode : Access to *Phone book* directly
	[Function Key : *] When pressed and held while entering a phone number , it enters a pause
	[Function Key : #] When pressed and held in idle mode, it enters *phone mode* menu.

Status icon

Icon	Function
	[Signal Strength Indicator] Indicates the strength of the network signal
	[In Use] Appears when a call is progressing
	[No Use] Appears when the network signal is not received
	[Bell] Appears when you set the *Bell* type
	[Call Forward] Appears when the *Call forward* feature is activated
	[Vibrator] Appears when you set the menu of *Vibration* type
	[Vibrator then bell] Appears when you set the menu of *'vibrator then bell'*
	[Meeting mode] Appears when you set the *'Meeting mode'*
	[Street mode] Appears when you set the *'Street mode'*
	[Concert mode] Appears when you set the *'Concert mode'*

Icon	Function
	[Car mode] Appears when you set the *'Car mode'*
	[Message] Appears when you have new or unread messages
	[Voice Message] Appears when you have new or unchecked voice messages
	[MMS Message] Appears when you have new or unchecked multimedia messages
	[Alarm] Appears when you set the *Alarm* and on
	[Roam] Indicates that you are roaming on another network
	[Data/WAP] Indicates that the phone is accessing the *WAP*
	[GPRS] Appears when you are connected to the *GPRS* network
	[Battery meter] Indicates the level of battery charged

Installing and Removing SIM card

SIM (Subscriber Identity Module) is a "Smart Card" that holds user phone number, service details, and memory for Phone Book numbers and messages. You can use your SIM in any GSM phone and will be charged for the calls.

1. Installing SIM card
1. Power off the phone first.
2. Pull out the battery.
3. Insert the SIM card.
4. Slide the latch over the SIM card to lock it in place.
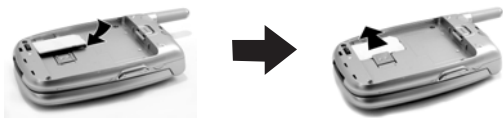
2. Removing SIM card
1. Slide the latch to the right.
2. Remove your SIM card from the phone.

* Protect your SIM card from scratches, water, dirt and static electricity.

* Careful!
  If you disregard the matters which above mentioned, it could be erase information which stored on the your IM card.

Installing and Removing battery

1. Installing the battery
  Insert the battery into the battery compartment at a slant angle and press the top of the battery until the battery locks in the place.
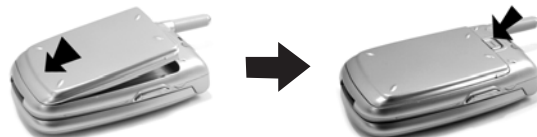
2. Removing the battery
  Slide up the battery latch and then pull out the battery from the phone.

Power on/off

1. Power on
   Press [END] key for a while.

   *   If PIN is activated, please enter 'PIN code'.
        If 'Lock' is activated, please enter password.
        Initial password is set to '0000'
        If security of SIM card is enabled, the phone requests
        the PIN code every time when the phone is turned on.

2. Power off
   Press and hold [END].

   ¡Ø Making an emergency call

   Your phone supports the international emergency number.
   This means that these numbers can normally be used
   to make an emergency call in any country with or without a
   SIM card inserted, if a GSM network is within range.

   (Some network operators may require that a SIM card is
    inserted, and in some cases that the PIN has been entered
    as well)

   * To make an emergency call, proceed as follows.

     If the phone is not on, switch it on.

   - With SIM card inserted : Dials the emergency call number
   - Without SIM card inserted : Press [SOS] or dials the
     emergency call number directly.

About PIN/PUK

1. PIN (Personal Identification Number)
   It is a personal code (4 to 8 digits) provided by your
   network operator in order to prevent other people from
   using your SIM card.
   It is usually supplied with the SIM card. The PIN is usually
   requested each time when the phone is switched on.
   If you enter an incorrect PIN three times consecutively,
   the SIM card is blocked and cannot be used until you
   unblock it by entering the PUK.

2. PIN2
   It is a code composed of 4 to 8 digits and is supplied with
   some SIM cards to access specific function such as setting
   the charge detail display and access other additional
   functions.
   If you enter an incorrect PIN2 three times consecutively, the
   SIM card is blocked and you cannot access the functions
   until you unblock it by entering the PUK2.

3. PUK (PIN Unblocking Key)
   It is composed of 8 digits and used to unblock a SIM card.
   The PUK may be supplied with the SIM card.
   If you forget the code, please contact your service provider.
   If you enter an incorrect PUK ten times consecutively, the
   SIM card becomes invalid.
   Please contact your service provider for a new card.

4. PUK2

It is composed of 8 digits and is supplied with some SIM cards to unlock PIN2.
If you forget the code, please contact your service provider.
If you enter an incorrect PUK2 ten times consecutively, you will not be able to access the additional functions provided by PIN2. Please contact your service provider for a new card.

5. Change PIN or PIN2 code

Your can change the PIN or PIN2 code to any 4 to 8 digits number.

6. Set PIN Check

This feature asks for the PIN code whenever the phone is powered on.

Note: If you enter the wrong PIN code three times consecutively, the SIM card is automatically blocked.

7. PUK/PUK2 Code

The PUK and PUK2 codes are 8-digit codes that usually provided by your service provider along with the SIM card. Their purpose is to unlock SIM cards after wrong PIN has been entered repeatedly.

| Making a call |

1. Using Digit Keys

Enter the phone number in Idle mode, then press [SEND].

2. Using Turbo Dial

Press and hold a location number in Idle mode to connect a call to the corresponding number of the appropriate location.

If the location number is '2', press and hold [2].
If the location number is '21', press [2] and press and hold [1].

* It is possible to use Turbo dial numbers stored in your SIM card. You can switch Turbo dial settings between Phone entry and SIM entry.
Please see details for Turbo set in phone book**.**

3. Using Phone Book entry

Search for a number in the phone book, then press [SEND] to make a call.

* Use Redialing : If the connection of the call fails, your Phone will redial the number automatically.
Press [END] to abandon Auto-calling attempt.
(if Redial is set to 'On')

Receiving a call

When you receive a call, the phone rings or vibrates and
displays an incoming call notice.
Flip open to receive the call. (if [Folder open] is selected)
When the flip is opened and the phone rings, press any key
to answer. (if [Anykey press] is selected)

*   Except [END] key

*   You cannot received calls when PIN is locked.
*   Please enter your PIN number to unlock your phone,
    before receiving your phone.

Missed a call

If you are unable to answer a call, the number of missed call
is displayed.

1. Time and number (if CLI is supported) is displayed.
2. The latest call information appears on the display.

In call menu

You can access different menus during a call. Press [Menu]
(left softkey) during a call to connect some of the In-call menu.
Menu selection depends on the state of the call, the type and
setting of your SIM card and subscription to these services.

I. Phone book
   This option displays the Phone book menu.
   1. Press [Menu], then move to "Phone Book".
   2. Press [OK].
   3. Scroll to the desired item and press [OK].
      All the phone book functions are displayed.
      (see "Phone book" on Main Menu)

II. Message
   This option displays the Message menu.
   1. Press [Menu], then move to "Message".
   2. Press [OK].
   3. Select the desired item and press [OK].

III. Mute On/Off
   You can mute any active call. Muting means that you can
   hear the other person's voice but he/she cannot hear your
   voice.
   During a call, press [Menu], then scroll to 'Mute on'.
   Press [OK]. 'Mute' icon appears on screen.
   To unmute the call, press 'Mute Off' and press [OK].
   'Mute' icon disappears.

IV. Hold

You can put a current call on hold and accept an incoming call, or start a second call.

   1. During a call, press [ANS].
   2. Select "Hold & Ans", then press [OK] .
      To return to the first call, press "Switch".

   * During a call, press [right soft key], then popup menu appears. It shows "End on call / End held call / End all" options. You can select the following items:

     ⌈ End on call : End a call you put on hold.
     ⊢ End held call : End the current active call.
     ⌊ End all : End all connected calls.

If supported by service provider, more people can take part in a call.

1. When there is an incoming call, press [SEND] to enter into Answer mode.(select "Reject" to reject the incoming call)
2. Press [Menu], it has 'Drop & Answer / Hold & Answer/ Reject' menus.
   Select 'Hold & Answer', the screen will display both 'In call' and 'Held call'.
3. Press [Menu], then Select "Join".
4. The phone displays active call indicator with the new active call.

V. Hold & Switch

Switches between the active call and the held call.

1. When there is an incoming call, press [SEND] to enter into Answer mode.
   (If you selects 'Reject', the call will be rejected and the phone will return to Idle mode.)
2. Press [Menu] to display 'Drop & Answer / Hold & Answer / Reject' menus.
   Select 'Hold & Answer', then the screen displays both 'Active call' and 'Held call'.
3. Press "Switch" to switch between the active call and the held call.

   * Reject waiting call
     You can reject an incoming call by pressing "Reject".
    - During a call, press "Reject" to display the pop-up menu.
    - Move to the desired item and press [OK].

VI. Split

Allow you to talk privately with one of the persons in a conference call.

1. During a conference call, select "Menu".
2. Press "Navigation key" to move to the desired call, then press [OK].

   * To end a connected or held call etc.. press right softkey to select 'End a call' option.
     For ending a call, press [Menu] to select the desired item, then press [OK].

   * It has "End on call / End held call / End all call' options.

Sub LCD

When there is a new message or an incoming call, you can see caller number on sub LCD.
When the flip is closed, press the side key to turn the sub lcd light on.

¡Ø Side keys function

Controls the bell volume when an incoming call.
Controls the earpiece volume during a phone call.

[Upper side key]
If you press and hold the key repeatedly, you can select the clock shape of analog or digital

[Lower side key]
If you press and hold the key repeatedly, you can enjoy the simple game.

Quick access in idle mode

In Idle mode, you can access designated menu by pressing designated navigation key.

Go to 'Call logs'

Go to 'Calendar'

Go to 'Phone book'

Go to 'WAP'

Go to 'STK'
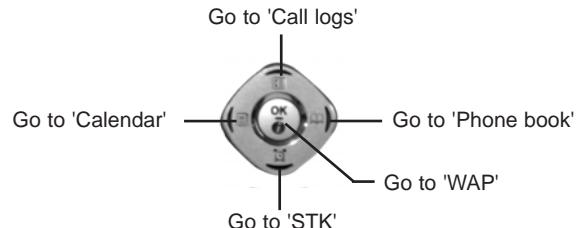
Storing number

You can store phone numbers in your phone or SIM card.
It is possible to store up to 300 phone number entries in your phone book.

*   The total number of entries in your SIM card are dependent on your SIM card capability.

1. Enter a number in idle mode
2. Press [STO]
3. Select [SIM] or [Phone]
4. Press [OK]
5. Enter content and then press [STO]

  * Also, you can store phone numbers through the 'New Entry' of "Phone book" or 'Store' of "Call list" .

Phone Book

Selecting main menu item

Press [Main].
You may select the following 9 menus with navigation keys:

1. Phone book	2. Sound	3. Setting
4. Scheduler	5. Internet SVC	6. Entertainment
7. Display	5. Network set	9. Message

You may also select the desired menu by pressing the corresponding number of the desired menu.

Once you select the menu, then press [OK] key.

Phone book

You can store phone numbers and names in the memory of your SIM card or your phone.
You can store up to 300 numbers in your phone.
SIM card memory size depends on your SIM card capability.

I. Access to Phone book

By main menu

  (1) Press [Main] in the idle mode.
  (2) Scroll to [1.Phone book] by pressing the navigation key, then press [OK]. (Or press digit 1)

By shortcut

  Press the [Right side navigation key] in idle mode.

II. Storing Number

 1. Through the Phone book menu
 (1) Press [Main] in the idle mode.
 (2) Scroll to [Phone book] by pressing the navigation key, then press [OK]. (Or press digit 1)
 (3) Scroll to [1.Phone book] by pressing up or down navigation key, then press [OK]. (Or press digit 1)
 (4) Press [Menu] then select [1.New entry] .
 (5) Select the storage memory to be store either SIM or Phone, then press [Save].
 (6) Enters content of each categories, then press [Save].

2. Through the idle mode
 (1) Enter the number in the idle mode to be stored.
 (2) Press the [Save].
 (3) Select the storage memory to be store either SIM or
      Phone, then press [Save].
 (4) Enter contents and then press [Save].

 Phone book detail

(1) Name : Enters the name
(2) Location : Enters the location
(3) Picture / Avatar : Changes the Picture or Avatar.
(4) Number(Home / Cellular / Office / Other):
    Enters the contact numbers
(5) E-mail : Enters the e-mail address
(6) Group : Selects the group type. (General / Family /
    Work / Friend / Group1 / Group2 / Group3)
(7) Bell : Selects the desired ring tone when there is an
    incoming call.
(8) Indicator : Selects the indicator color when there is an
    incoming call. (None / 7 Color / White / Red / Yellow /
    Green / Blue green / Blue / Pink)
(9) Anniversary : Enters the anniversary date
    (e.g. birthday, wedding anniversary. etc.)

* About the [Menu]
 (The following options are available)

 (1) New entry : Adds the new entry
 (2) Send a MSG. : Sends the message(SMS, EMS) to
     selected number. (*Refer to the [9.Message])
 (3) Send a MMS : Sends the message(MMS) to selected
     number. (*Refer to the [9.Message])

28

 (4) Copy to SIM (or Phone) : Copies the selected number
     from any of both memories. (SIM card or Phone)
 (5) Delete : Deletes the selected number.
 (6) Delete all : Deletes all entry which is displayed in the
     selected group.
 (7) Find by name : Searches the entries by name.
 (8) Find by number : Searches the entries by number.

Group edit

You can arrange names and phone numbers saved in the
phone book into groups.
For each group, you can set the specific ring tone when
receiving a call. Basically, 7groups are provided. 4 groups of
them (General, Family, Work, Friend) have fixed group names
while the group names of the other 3 groups can be changed.

1. Press [Main] in the idle mode.
2. Scroll to [Phone book] by pressing the navigation key,
   then press [OK]. (Or press digit 1)
3. Scroll to [2.Group edit] by pressing up or down navigation
   key, then press [OK]. (Or press digit 2)
4. Selects the desired group to edit, then press [Edit].

* About the [Edit]
 (The following options are available)

 (1) Rename : With this menu you can edit group name.
    (It does not displayed in the General, Family, Friend,
    Work group mode)
 (2) Group bell : With this menu you can edit the ring tone
    of the group when you receive a call from a person in
    the group.

29

Turbo set

In the idle mode, simply by pressing the assigned number key, you can make a call easily . Also you can set the location of your SIM or Phone as the default memory for using turbo dial.

1. Press [Main] in the idle mode.
2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
3. Scroll to [3.Turbo Set] by pressing up or down navigation key, then press [OK]. (Or press digit 3)
4. Selects the [SIM] or [Phone]

   * When you use the memory from 001 to 009 :
     Press and hold the last digit key.
   * When you use the memory from 010~300 :
     Press the assigned number, provided that you have to press and hold the last key

Memory status

You can check how many entries are stored in your SIM card and phone's memory. If [Memory is full!] message appears, you cannot save any more entry until you have delete other item

1. Press [Main] in the idle mode.
2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
3. Scroll to [4.Memory status] by pressing up or down navigation key, then press [OK]. (Or press digit 4)

My number

You can see phone number which stored in your SIM card, also you can edit your own name.

1. Press [Main] in the idle mode.
2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
3. Scroll to [5. My number by pressing up or down navigation key, then press [OK]. (Or press digit 5)
4. Select the number press [OK], then you can save your own number with editing name.

My profile

You can enter your personal information in My profile.

1. Press [Main] in the idle mode.
2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
3. Scroll to [6.My profile] by pressing up or down navigation key, then press [OK]. (Or press digit 6)

   *_My profile detail_*

   (1) Name : Enters the name
   (2) Picture / Avatar : Changes the picture or avatar
   (3) Job title : Enters the job title
   (4) Address : Enters the address
   (5) Home : Enters the home number
   (6) Cellular : Enters the cellular phone number
   (7) Office : Enters the office phone number
   (8) Other : Enters the other number
   (9) E-mail : Enters the e-mail address
  (10) Birthday : Enteres the birthday

Call logs

You can check the record of missed, answered and dialed calls only if the network supports CLI(Calling Line Identification) within the service area. In the Idle mode, you can access the this menu by pressing [SEND]key then call list will appear.

1. Dialed call
   This menu lets you view the last 30 dialed call numbers
   In the Idle mode, press [SEND]key then dialed call list will appear. The name, photo(or Avatar) if you saved, displays together with the date and time when the call was made.

   1. Press [Main] in the idle mode.
   2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
   3. Scroll to [7.Call logs] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
   4. Scroll to [1.Dialed call] by pressing up or down navigation key, then press [OK]. (Or press digit 1)

2. Answered call
   This menu lets you view the last 30 answered call numbers. The name, photo(or Avatar) if you saved, displays together with the date and time when the call was made.

   1. Press [Main] in the idle mode.
   2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
   3. Scroll to [7.Call logs] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
   4. Scroll to [2.Answered call] by pressing up or down navigation key, then press [OK]. (Or press digit 2)

3. Missed call
   This menu lets you view the last 30 missed call numbers. The name, photo(or Avatar) if you saved, displays together with the date and time when the call was made.

   1. Press [Main] in the idle mode.
   2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
   3. Scroll to [7.Call logs] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
   4. Scroll to [3.Missed call] by pressing up or down navigation key, then press [OK]. (Or press digit 3)

* About the [Edit]
 (The following options are available)

(1) Save : Saves the selected number.
(2) Delete : Deletes the selected item after confirmation.
(3) Delete all : Deletes the entire Dialed call list after confirmation.

4. Call time
   This menu lets you view the timers for calls made and received.

   1. Press [Main] in the idle mode.
   2. Scroll to [Phone book] by pressing navigation key, then press [OK]. (Or press digit 1)
   3. Scroll to [7.Call logs] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
   4. Scroll to [4.Call time] by pressing up or down navigation key, then press [OK]. (Or press digit 4)

* Total Call time : Shows the total length of all calls made
  call since the timer was last reset.
* Last Call time : Shows the length of the last call.

* Pressing "Reset" will reset all the call timers.

Sound

Ring tone

With this menu, you can change the ring tone when a call is
received. When ring tone is scrolled, the ring tone is played.

1. Press [Main] in the idle mode.
2. Scroll to [Sound] by pressing navigation key, then press
   [OK]. (Or press digit 2)
3. Scroll to [1.Ring tone] by pressing up or down navigation
   key, then press [OK]. (Or press digit 1)
4. Selects the desired group by pressing left or right
   navigation key .
5. Scroll to desired item by pressing up or down navigation
   key, then press [OK]

Adjust volume

With this menu, you can adjust the volume from one to five
levels using up or down navigation key. You can adjust volume
of Keypad / Earpiece / Bell volume.

1. Press [Main] in the idle mode.
2. Scroll to [Sound] by pressing navigation key, then press
   [OK]. (Or press digit 2)
3. Scroll to [2.Adjust volume] by pressing up or down
   navigation key, then press [OK]. (Or press digit 2)
4. Selects the desired group by pressing left or right
   navigation key.
5. Selects the desired level by pressing up or down
   navigation key, then press [Save]

Ringer type

With this menu, you can change the ringer type when a call or message is received.

1. Press [Main] in the idle mode.
2. Scroll to [Sound] by pressing navigation key, then press [OK]. (Or press digit 2)
3. Scroll to [3.Ringer type] by pressing up or down navigation key, then press [OK]. (Or press digit 3)
4. Selects the desired item by pressing up or down navigation key, then press [OK].

Incoming calls or massage	
Bell	The ringing tone is played
Vibrator	The phone vibrates without ringing
Vib then Bell	Phone first vibrates and then start ringing
Vib and Bell	Phone vibrates and rings simultaneously
Sliding Bell	Phone ring becomes louder
Lamp	Only the light indicator operate

Alert tone

With this menu, you can set the alert tone

1. Press [Main] in the idle mode.
2. Scroll to [Sound] by pressing navigation key, then press [OK]. (Or press digit 2)
3. Scroll to [4.Alert tone] by pressing up or down navigation key, then press [OK]. (Or press digit 4)

4. Selects the desired item by pressing up or down navigation key, then press [OK].
5. Select the [Enable] or [Disable]

Alert Tone	Type Description
Connection	Alert tone rings when a call is connected
Out of SVC	Alert tone rings when the phone is out of range
1 min alert	Alert tone rings before 10 seconds when call time reaches 1 minute
Confirm	Alert tone rings when an item is confirmed
Menu sound	Alert tone rings scrolling through the menu
Power on	Alert tone rings when the phone is powered on
Power off	Alert tone rings when the phone is powered off

key tone

With this menu, you can change the key tone when pressing keys on the keypad. You can select one of Water or Drum or DTMF Tone as the key tone.

1. Press [Main] in the idle mode.
2. Scroll to [Sound] by pressing navigation key, then press [OK]. (Or press digit 2)
3. Scroll to [5.Key tone] by pressing up or down navigation key, then press [OK]. (Or press digit 5)
4. Selects the desired item by pressing up or down

Setting

*   If you select the Water or Drum, the battery consumption
    will be increased than you select the DTMF tone

*   *Off* means keys do not make any sound.

Message tone

With this menu, you can select different alert tones for
incoming messages.

1. Press [Main] in the idle mode.
2. Scroll to [Sound] by pressing navigation key, then press
   [OK]. (Or press digit 2)
3. Scroll to [6.Message tone] by pressing up or down
   navigation key, then press [OK]. (Or press digit 6)
4. Selects the desired item by pressing up or down
   navigation key, then press [OK].

Phone set

This menu illustrates different phone settings to suit your preferences.

1. Press [Main] in the idle mode.
2. Scroll to [Setting] by pressing navigation key, then press
   [OK]. (Or press digit 3)
3. Scroll to [1.Phone set] by pressing up or down
   navigation key, then press [OK]. (Or press digit 1)

1. Language
   With this menu, you can select a display language. When
   you select [Auto], the language is automatically selected
   according to the language of the SIM card used

2. Phone mode
   With this menu, you can customize the ringer type for
   various events and environments. The default mode is
   preset to Normal mode and it does not customize.
   But the other mode change the following phone modes:

	Normal	Meeting	Street	Concert	Car
Incoming call	Bell	Vibrator	Vib. +Bell	Vibrator	Bell
Message tone	Bell	Vibrator	Vib. +Bell	Vibrator	Bell
Key tone	On	Off	On	Off	On
Alarm	Bell	Vibrator	Vib. +Bell	Vibrator	Bell
Auto redial					On
Backlight				Save mode2	

* In idle mode, press [#] for a while, the 'Phone mode' appears.

3. Time and Date

(1) Select mode : You can change the display mode of time
   & date from the idle display.
   - Home : Displays the time and date of 'Home'
   - Dual : Displays the time and date both of 'Home & Local'
   - None : Does not display time and date.

(2)Time & Date : You can set the time zone for your area
   and other area.
   - Home
   - Region

(3)Time zone

   - Auto :
   - Manual :

(4)Datlight saving :

   - Off
   - One Hour
   - Two Hour

4. Time format
You can change the time and date format.

(1) Time format :
   This option is used to decide the format in which the
   time will appear on the idle mode.

- 24 hours
- 12 hours

(2) Date format
   This option is used to determine how the current date is
   displayed on the idle mode.
   - YYYY / MM / DD
   - MM / DD / YYYY
   - DD / MM / YYYY

5. Answer option
With this menu, you can change the way of answering a call.

(1)Folder open : Answer the incoming call by opening the flip.
   If the flip has already opened, press [SEND] to answer the
   call.
(2)Anykey press : Answer the incoming call by pressing any
   key, except [END] and the [Right soft] key.
(3)Send key answer: Only answer the incoming call by
   pressing [SEND].

6. Auto redial
If you fail to connect a call, with this menu you can make
up to redial a phone number after unsuccessful call

(1) On : Phone number is redialed automatically.
(2) Off : Phone number is not redialed.

7. Data mode
This menu allows you to enable or disable the data mode.

8. GPRS set

With this menu you can set the GPRS network.

(1) Auto : Searches GPRS network automatically anywhere.
(2) Manual : Searches GPRS network in the place where
          GPRS network is in existence.

Security set

This feature locks your phone to prevent an unauthorized
person from using it.

1. Press [Main] in the idle mode.
2. Scroll to [Setting] by pressing navigation key, then press
   [OK]. (Or press digit 3)
3. Scroll to [2.Security set] by pressing up or down
   navigation key, then press [OK]. (Or press digit 2)

1. Phone lock

This feature enables you to prevent an unauthorized
person from using your phone. When the phone is in
lock status, you have to enter the 4-digit phone password.
The password is set to '0000' by default.
To change the phone password, refer to the 'Change PWD'
menu option.

(1)Lock Now

After entering the correct security code, the phone will
lock after going into the idle state. If you want to disable
this phone lock, you should enter the right security code.
If you power off in the phone lock state, when the phone
is next powered on, the phone is the lock state

(2) Auto Lock

Enable : When you switch on the phone, you are required
         to enter the phone password when using the
         same SIM card.
Disable : When you switch on the phone, you are not
          required to enter the phone password.

* If SIM is changed, your phone will request security code
  only when you change your SIM card.

2. SIM PIN

(1) PIN check

When this feature is enabled, you have to enter your PIN
each time when you power on the phone. Any person who
does not have your PIN cannot use your SIM card without
approval.

Enable : You have to enter the PIN each time when you
         power on the phone.
Disable : The phone connects directly to the network
          when you power on the phone.

(2) Change PIN 1

This feature enables you to change the current PIN to a
new one, provided that the PIN Check feature is enabled.
To change PIN 1, PIN should be enable on "PIN check" .
You have to enter the current PIN before entering a new
one. You can change your PIN 1 (4~8 digits) codes.
Once you have entered a new PIN, you are asked to
confirm it by entering it again.

(3) Change PIN 2
This feature enables you to change current PIN 2 to a new one. You have to enter the current PIN 2 before entering a new one. Once you have entered a new PIN 2 you are asked to confirm it by entering it again.

*   If you enter the code incorrectly, 'Invalid code' appears. If you enter wrong code three times consecutively, the PIN code is blocked. To unblock the PIN code, you should enter the 'PUK' code.

3. Master reset
This feature resets all the phone settings to factory default values.

* If you enter the password incorrectly, 'Invalid code' will appear. You should try to enter the correct one again. If correct password is entered, phone settings will be set to factory default and the phone will be restarted.

4. Master clear
This feature formats the file system and deletes all the saved data such as phone book entries, call history list, etc.

* If you enter the password incorrectly , 'Invalid password. Try again' will appear. You should try again to enter the correct one. If the correct password is entered, the phone will display 'Waiting...' message and the master clear operation is in progress. After the master clear operation has finished, the phone will be restarted.

5. Change PWD(Change password)
This feature enables you to change the current phone password to be a new one. You have to enter the current password before entering a new one. The default password is set to "0000"

*   *FDN (Fixed Dial Number)* (SIM dependent)
You can restrict your outgoing calls to selected phone numbers, if this function is supported by your SIM card. You can set the following submenu by PIN2 code. The PIN2 code is required.

Enable : You can restrict your outgoing calls to selected phone number.
Disable : You can call without restricting phone number.

Net account
Your can save the network settings in Net account in order for you to access the WAP and MMS services. Some settings are not mandatory. Please consult your network operator or service provider for more information.
After inserting your SIM card into your phone, your phone will automatically detect and assign the corresponding network settings into your phone according to your SIM Card. If your network operator is not on the list of Net Account, please enter or modify the settings of WAP and MMS according to the following:

1. Press [Main] in the idle mode.
2. Scroll to [Setting] by pressing up or down navigation key, then press [OK]. (Or press digit 3)
3. Scroll to [3.Net account] by pressing up or down navigation key, then press [OK]. (Or press digit 3)

1. WAP

  (1) Profile name : Displays the Operator's name.
  (2) Homepage : Inputs the URL. It is different for each
     service provider.
  (3) Gateway : Gateway address in "xxx.xxx.xxx.xxx" format.
  (4) Port : Gateway port
  (5) Conn type : You can select a data connection type -
     HTTP, WSP CL, WSP CO (Default is "WSP CO").
  (6) Bearer type : Your can select a bearer type :
     GSM-GPRS or GSM-CSD.
  (7) GSM-GPRS : APN (the address of the external data
     network that you want to connect to, either an IP address
     or a text string), User ID, Password, Linger time.
  (8) GSM -CSD : Dial number, user ID, Password, Linger time.

2. MMS

  (1) Profile name : Displays the Operator's name.
  (2) MMSC : Input a URL of multimedia messaging center.
  (3) Gateway : Gateway address in "xxx.xxx.xxx.xxx" format.
  (4) Port : Gateway port
  (5) Conn type : You can select a data connection type -
     HTTP, WSP CL, WSP CO (Default is "WSP CO").
  (6) Bearer type : Your can select a bearer type :
     GSM-CSD or GSM-GPRS.
  (7) GSM-GPRS : APN (the address of the external data
     network that you want to connect to, either an IP address
     or a text string), User ID, Password, Linger time.
  (8) GSM -CSD : Dial number, user ID, Password, Linger time.

  *APN : The address of the external data network that you want
       to connect to, either an IP address or a text string

46

Scheduler

Schedule

When you enter this menu, a calendar appears. A square
cursor is located on the current date, you can move to another
date using navigation key. If there is a stored schedule, it shows
a square outline.

  1. Press [Main] in the idle mode.
  2. Scroll to [Scheduler] by pressing navigation key, then
     press [OK]. (Or press digit 4)
  3. Scroll to [1.Schedule] by pressing up or down navigation
     key, then press [OK]. (Or press digit 1)
  4. Selects a date by pressing navigation key, then press [OK].

 Entering Schedule

(1) Schedule contents
    To edit the text for schedule, press[Edit], and to save the
    schedule, press [Done]. To add the new entry on the same
    day, press [Add] of menu.
(2) Alarm
    To set an alarm for the schedule, enter an alarm time here.
(3) Reminder time
    Selects the On time, Before 1H(1hour), Before 1 D(Day)
    or Off by pressing navigation key.
(4) Alert ring tone
    To change the alert ring tone, press [Chng] and select
     your desired ring tone.

47

* About the [Menu]
(The following options are available)

Add : Enables to enter a new schedule.
Delete : Deletes the selected schedule after confirmation.

** On the calendar screen, you can delete all schedules
    from the selected date

By shortcut

    Press the [Left side of navigation key] in Idle mode.

To do

You can save a note for a task that you have to do, select a
priority level for the note and mark it as done when you have
completed it. You can enter up to 32 English characters.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then
    press [OK]. (Or press digit 4)
3. Scroll to [2.To do] by pressing up or down navigation
    key, then press [OK]. (Or press digit 2)

* To do detail

To do contents : To edit the text for to do, press[Edit],
                              and to save the to do, press [Done].
Due date : Enters the due date
Priority : Selects the High, Normal or Low priority by
                pressing the navigation key.
Status : To mark the status of task, press [Sel]

Memo

With this menu, you can store a short memo.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then
    press [OK]. (Or press digit 4)
3. Scroll to [3.Memo] by pressing up or down navigation
    key, then press [OK]. (Or press digit 3)
    You can enter up to 80 English characters.

* About the [Menu]
(The following options are available)

Add : Enables you to enter a new memo.
Delete : Deletes the selected memo after confirmation.
Delete all : Deletes all the memos after confirmation.

Anniversary

you can store the anniversaries to be remembered, such as
wedding anniversaries, birthdays or other special days.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then
    press [OK]. (Or press digit 4)
3. Scroll to [4.Anniversary] by pressing up or down
    navigation key, then press [OK]. (Or press digit 4)
4. Enters anniversary contents, then press [OK].

* Anniversary detail

(1) Name : Enters the anniversary contents
(2) Solar/Lunar : Selects the lunar or solar.
(3) Date : Enters the anniversary day.
(4) Time : Enters the reminder time
(5) Event : Selects the Anniversary, Birthday or Engagement
(6) Reminder time : Selects the On time, Before 1D(Day),
      Before 2D(day) or Off.
(7) Alert bell :Changes the alert ring tone, press [Chng].

* About the [Menu]
 (The following options are available)

Add: Enables you to enter a new anniversary.
Delete : Deletes the selected anniversary after confirmation
Delete all : Deletes all the anniversaries after confirmation

Auto On / Off

Phone is automatically powered on and off according to set time.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then press [OK]. (Or press digit 4)
3. Scroll to [5.Auto On/Off] by pressing up or down navigation key, then press [OK]. (Or press digit 5)

Alarm

This feature sets the alarm to ring at a specific time.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then press [OK]. (Or press digit 4)
3. Scroll to [6.Alarm] by pressing up or down navigation key, then press [OK]. (Or press digit 6)

* Entering alarm

(1) Period : Selects the Off / One time / Mon~Sat or Everyday. If you select *Off*, you are not required to input alarm time and set alarm bell.
(2) Alarm time : Inputs the time.
(3) Alarm bell : Set the arlarm bell. If you want to change the alarm bell, press [Chng].

Calculator

You can perform simple calculation such as addition, subtraction, multiplication and division.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then press [OK]. (Or press digit 4)
3. Scroll to [7.Calculator] by pressing up or down navigation key, then press [OK]. (Or press digit 7)

World time

This feature simultaneously displays current local time and date for major cities around the world.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then press [OK]. (Or press digit 4)
3. Scroll to [8.World time] by pressing up or down navigation key, then press [OK]. (Or press digit 8)

Stopwatch

With this feature, you can measure times for various conditions.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then press [OK]. (Or press digit 4)
3. Scroll to [9.Stopwatch] by pressing up or down navigation key, then press [OK]. (Or press digit 9)

Stopwatch detail

Start : To start the countdown timer.
Stop : To stop the countdown timer.
Reset : To reset the time without saving it.

Currency

This feature calculate the exchange rates.

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then press [OK]. (Or press digit 4)
3. Scroll to [10.Currency] by pressing up or down navigation key, then press [OK]. (Or press digit 10)

Currency detail

- Select foreign currency and local currency to enter the rate for converting the amount to the desired currency.
- Enter the exchange rate, then enter amount.
- Press [OK] then result appears in the bottom.

Calendar

With this menu, you can see the calendar

1. Press [Main] in the idle mode.
2. Scroll to [Scheduler] by pressing navigation key, then press [OK]. (Or press digit 4)
3. Scroll to [11.Calendar] by pressing up or down navigation key, then press [OK]. (Or press digit 11)

* To move the previous or next month, press the [*]key or [#]key.

Internet SVC

Your phone includes a bulit-in WAP browser, allows you to access various WAP(Wireless Application Protocal) services Such as news, sports, travel, weather report and entertainment.

* Access to Internet SVC(Service)

By main menu
(1) Press [Main] in the idle mode.
(2) Scroll to [Internet SVC] by pressing navigation key, then press [OK]. (Or press digit 5)

By shortcut
Press the [Center navigation key] in the idle mode.

PROFILE

The address of the homepage is entered in WAP profiles.
Once connected, the homepage is displayed.

1. Press [Main] in the idle mode.
2. Scroll to [Internet SVC] by pressing navigation key, then press [OK]. (Or press digit 5)
3. Scroll to [1.PROFILE1] by pressing up or down navigation key, then press [OK]. (Or press digit 1)

* About the [Menu]
(The following options are available)

(1) PROFILE1
(2) Recent Pages
(3) Refresh
(4) Bookmarks
(5) Enter Address
(6) Save as...
(7) Save as home
(8) Push Message
(9) Settings

Bookmarks

The list of bookmarks can have 10 entries in maximum.

1. Press [Main] in the idle mode.
2. Scroll to [Internet SVC] by pressing navigation key, then press [OK]. (Or press digit 5)
3. Scroll to [2.Bookmarks] by pressing up or down navigation key, then press [OK]. (Or press digit 2)

Recent Pages

Shows the latest visited WAP pages.

1. Press [Main] in the idle mode.
2. Scroll to [Internet SVC] by pressing navigation key, then press [OK]. (Or press digit 5)
3. Scroll to [3.Recent pages] by pressing up or down navigation key, then press [OK]. (Or press digit 3)

Enter Address

Please enter the WAP address that you would like to access.

1. Press [Main] in the idle mode.
2. Scroll to [Internet SVC] by pressing up or down navigation key, then press [OK]. (Or press digit 5)
3. Scroll to [4.Enter address] by pressing up or down navigation key, then press [OK]. (Or press digit 4)

Push Message

1. Press [Main] in the idle mode.
2. Scroll to [Internet SVC] by pressing up or down navigation key, then press [OK]. (Or press digit 5)
3. Scroll to [5.Settings] by pressing up or down navigation key, then press [OK]. (Or press digit 5)

Settings

In this menu, you can make settings for the WAP servers of different network operators, and select the server that you would like to use when connecting to the Internet.

1. Press [Main] in the idle mode.
2. Scroll to [Internet SVC] by pressing up or down navigation key, then press [OK]. (Or press digit 5)
3. Scroll to [5.Settings] by pressing up or down navigation key, then press [OK]. (Or press digit 6)

(1) Option :
Refresh : Chooses the mode of "Refresh" or not.
Show Images : Enables you to choose the mode to show the pictures when you are browsing.
Never / Ask / Always
Play Movies :
Never / Ask / Always
Play Sounds : Enables you to choose the mode to listen the sounds when you are browsing.
Never / Ask / Always
Load Objects :
Never / Ask / Always

(2) Cache : You can set the Cache mode and clear the Cache.
Cache Mode :
Clear Cache :

(3) Cookies : You can enable and clear the Cookies.
　　Enable Cookies :
　　Clear Cookies :

　(4) Push Settings :

　(5) Clear recent pages : You can delete recent pages that
　　　　　　you have accessed.

Entertainment

You can enjoy two games with your phone.

1. Cargador

　1. Press [Main] in the idle mode.
　2. Scroll to [Entertainment] by pressing navigation key, then
　　 press [OK]. (Or press digit 6)
　3. Scroll to [1.Game] by pressing up or down navigation
　　 key, then press [OK]. (Or press digit 1)
　4. Scroll to [1.Cargador] by pressing up or down navigation
　　 key, then press [OK]. (Or press digit 1)

　┌Start : Continues the last game that you executed before.
　├Go to Level : Enters the level that you like to play, then
　│　　　　　　 press [OK]. A total of 80 steps is provided.
　└Help : Shows the key map and the simple game guide.

　* Using the side keys, you can adjust the game sound
　　while you are playing the game.

2. Blackjack

　1. Press [Main] in the idle mode.
　2. Scroll to [Entertainment] by pressing navigation key, then
　　 press [OK]. (Or press digit 6)
　3. Scroll to [1.Game] by pressing up or down navigation
　　 key, then press [OK]. (Or press digit 1)
　4. Scroll to [2.Gophers] by pressing up or down navigation
　　 key, then press [OK]. (Or press digit 2)

Start : Starts the game.
Help : Shows the key map and the simple game guide.
Press 1, 2, 3 to bet.
(Press 1 : 10$, Press 2 : 20$, Press 3: 50 $)
Press [OK]: HIT

* Using the side key, you can adjust the game sound while you are playing the game.

Avatar

You can set the avatar to suit your preference and set it as wallpaper.

1. Press [Main] in the idle mode.
2. Scroll to [Entertainment] by pressing up or down navigation key, then press [OK]. (Or press digit 6)
3. Scroll to [2.Avatar] by pressing up or down navigation key, then press [OK]. (Or press digit 2)

* Making a Avatar
(1) Enter Avatar.
(2) Select item by using Left/Right navigation key.
(Hair / Face / Eyes / Mouth / Jacket / Pants / Extra)
(3) Select sub-item by using up/lower navigation key.
(4) Press [Save].
(5) Enter name, then press [OK].

* **About the [Menu]**
(The following options are available)

(1) Add : You can add a new avatar.
(2) Send a MMS : You can send the avatar via MMS.
(3) Save to idle: You can set it as a wallpaper.
(4) Delete : Deletes the selected avatar after confirmation.
(5) Delete all : Deletes all the stored avatars after confirmation
(6) Rename : Changes the name of the selected avatar.

Data folder

1. Download
In this menu, you can view the list of download items from the server (Picture, Photo, Bell & Melody, etc.).
Each item is indicated with a specific icon. When the memory is full, a warning message is displayed.

1. Press [Main] in the idle mode.
2. Scroll to [Entertainment] by pressing up or down navigation key, then press [OK]. (Or press digit 6)
3. Scroll to [3.Data folder] by pressing up or down navigation key, then press [OK]. (Or press digit 3)
4. Scroll to desired item press [OK].

(1) Download
This folder is used to store the image contents that you have received or downloaded through the WAP browser.

Display

(2) Avatar
This folder is used to store the sound contents that you received or downloaded through the WAP browser.

(3) Pictures
This folder is used to store the other contents that you have received or downloaded through the WAP browser.

(4) Melodies

Set graphic

You can change the wall paper graphic using up or down navigation key to scroll the images.

1. Press [Main] in the idle mode.
2. Scroll to [Display] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
3. Scroll to [1.Set graphic] by pressing up or down navigation key, then press [OK]. (Or press digit 1)

Backlight

You can set the backlight time for main LCD or Keypad.
It helps to reduce the battery power consumption.

1. Press [Main] in the idle mode.
2. Scroll to [Display] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
3. Scroll to [2.Backlight] by pressing up or down navigation key, then press [OK]. (Or press digit 2)

1. LCD
  Provides 3 mode.
  Normal mode / Save mode 1/ Save mode 2

LCD Backlight state				
Normal mode	Backlight on for 10 sec	➡	Dim mode for 20 sec ➡	Backlight goes out
Save mode 1	Backlight on for 10 sec	➡	Backlight goes out	
Save mode 2	Dim mode for 20 sec	➡	Backlight goes out	

2. Keypad
You can set the keypad backlight time.
It helps to reduce the battery power consumption.
"For 5 sec / For 10 sec / Always Off"

LCD contrast

You can adjust the contrast of the LCD screens to make them lighter or darker.

1. Press [Main] in the idle mode.
2. Scroll to [Display] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
3. Scroll to [3.Contrast] by pressing up or down navigation key, then press [OK]. (Or press digit 3)

(1) Main LCD
Enter the Main LCD menu, adjust the contrast by pressing left or right navigation key, then press [OK]

(2) Sub LCD
Enter the Sub LCD menu, adjust the contrast by pressing left or right navigation key, then press [OK]

Idle banner

You can edit the idle banner and move the banner position using the navigation key.

1. Press [Main] in the idle mode.
2. Scroll to [Display] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
3. Scroll to [4.Idle banner] by pressing up or down navigation key, then press [OK]. (Or press digit 4)

(1) Edit
Changes the idle banner.

(2) Position
Adjusts the idle banner position

Transparent

1. Press [Main] in the idle mode.
2. Scroll to [Display] by pressing up or down navigation key, then press [OK]. (Or press digit 7)
3. Scroll to [7.Transparent] by pressing up or down navigation key, then press [OK]. (Or press digit 6)
3. Selects the desired item, then press [OK].

Network set

Various features are provided for you to set up the network services. Before using the network services, you have to subscribe them through your service provider and obtain user instructions from your service provider.

Call divert

You can direct your incoming calls to another number.
Contack your service provider for more information.

1. Press [Main] in the idle mode.
2. Scroll to [Network set] by pressing up or down navigation key, then press [OK]. (Or press digit 8)
3. Scroll to [1.Call divert] by pressing up or down navigation key, then press [OK]. (Or press digit 1)
3. Selects the desired item, then press [OK].

- Divert always : All calls are diverted.
- On busy: Calls are diverted if are currently on another call.
- No reply: Calls are diverted if you have not answered the call.
- Unreachable : Calls are diverted if are not in an area covered by your service provider.
- Cancel : All call diverting options are cancelled.

Call barring

This service allows you to restrict outgoing calls and incoming calls.

1. Press [Main] in the idle mode.
2. Scroll to [Network set] by pressing up or down navigation key, then press [OK]. (Or press digit 8)
3. Scroll to [2.Call waiting] by pressing up or down navigation key, then press [OK]. (Or press digit 2)
4. Selects the desired item, then press [OK].

- All outgoing : All calls cannot be made.
- Int'l Call (International Call) :
    - International calls cannot be made.
- Int'lExpHome (International Except Home) :
    - When you are 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 : All calls cannot be received.
- In.AtAbroad (International At Abroad) :
    - Calls cannot be received when you use your phone outside of your home service area.
- Cancel all : All call barring settings are deactivated.
- Change PWD : User can change the call barring password.

Call waiting

This service enables you to be informed when you receive a second call during an ongoing call.

1. Press [Main] in the idle mode.
2. Scroll to [Network set] by pressing up or down navigation key, then press [OK]. (Or press digit 8)
3. Scroll to [3.Call waiting] by pressing up or down navigation key, then press [OK]. (Or press digit 3)
4. Selects the desired item, then press [OK].

⎡ Enable : Activating the corresponding service.
⎢ Disable : Deactivating the corresponding service.
⎣ Check status : Checking the status of the service.

Caller ID

This network service allows whether to display your phone number on the other person's phone or not. But some networks do not support this feature.

1. Press [Main] in the idle mode.
2. Scroll to [Network set] by pressing up or down navigation key, then press [OK]. (Or press digit 8)
3. Scroll to [4.Caller ID] by pressing up or down navigation key, then press [OK]. (Or press digit 4)
4. Selects the desired item, then press [OK].

⎡ Default : This menu is set by network supports
⎢ Hide number: Your number will not be displayed on the
⎢   other person's phone.
⎣ Send number: Your number is sent each time when you
                    make a call.

Netowrk setup

1. Press [Main] in the idle mode.
2. Scroll to [Network set] by pressing up or down navigation key, then press [OK]. (Or press digit 8)
3. Scroll to [5.Network setup] by pressing up or down navigation key, then press [OK]. (Or press digit 5)
4. Selects the desired item, then press [OK].

(1) Auto select

* Please be careful that the phone may not operate properly if you change the network set up.

(2) Manual sel(Manual select)

Message

This menu allows you to create, send, read and save messages with the SMS(Short Message Service), EMS(Enhanced Message Service : message including simple image, animation or melody), MMS(Multimedia Message Service).

* This message service may not be available on all networks. Contack your service provider for more information.

SMS

You can use this SMS(Short message service) feature to send, receive and edit short text message. In addition, your phone supports the EMS(Enhanced Message Service), it enables you to make short message consisting of simple pictures, melodies and animations .

1. Press [Main] in the idle mode.
2. Scroll to [Message] by pressing up or down navigation key, then press [OK]. (Or press digit 9)
3. Scroll to [1.SMS] by pressing up or down navigation key, then press [OK]. (Or press digit 1)
4. Selects the desired item, then press [OK].

1. New message
   With this menu you can write a message and insert EMS options.

By shortcut
Press the [✉] (Right soft key) in the idle mode.

* Entering New message

(1) **To** :
   - Press the [Edit] then inputs the phone number of recipient.
   * You can use the [PHBook] to search the recipient's number from the phone book.
      You can send a message to 5 recipients simultaneously.
(2) **Text**
   - Press the [Edit] then writes the message.

* About the [Menu]
 (The following options are available)

1. Input method
    You can use this menu to select input text mode.

 * eZi / abc / 123 / Symbol

2. Language
    Using this menu, you can change the input languages.
    Please select the language that you would like to choose.

 * The supported language may be different by countries.

3. Insert Media
　　Using this menu, you can containing multimedia contents
　　when you create the message.
　　Possible items are Picture, Melody, Sound and Animation

(3) After you complete the message, press [Send] and
　　select one of the following options.

＊ About the [Send]
 (The following options are available)

Send Only : Sends the message.
Save and Send : Saves the message, and send it.
Save Only : Saves the message so that it can be sent later

2. Inbox
　　With this menu you can read messages. When you have
　　received the message, new message icon appears together
　　with beeps. (except meeting and concert modes)

　　The latest incoming message is displayed on top of the
　　inbox. When the callback number is displayed, press [SEND]
　　to connect a call.

＊ About the [Menu]
 (The following options are available)

(1) Reply : You can reply the message to sender.
(2) Forward : You can forward the message to new recipients.
(3) Copy to SIM(Phone) : Enables you to copy message to
　　the phone or vice versa.

(4) Delete : Deletes selected message.
(5) Delete all : Deletes all the messages saved in inbox
　　after confirmation.
(6) Cut address : You can extract phone number, URL and
　　email address from the contents so that you can use
　　them to save the number, go to URL ro save email
　　address, respectively.

3. Outbox
　　With this menu you can view the saved messages that you
　　have already sent (If you choose "Save and Send" in New
　　Message menu) or just saved without sending (if you choose
　　"Save only")

＊ About the [Menu]
 (The following options are available)

(1) Forward : Forwards a received message to other recipient
(2) Copy to SIM(Phone) : Enables you to copy message
　　to the phone or vice versa.
(3) Delete : Deletes the selected message.
(4) Delete all : Deletes all the messages from inbox.
(5) Cut address :You can extract phone number, URL and
　　email address from the contents so that you can use
　　them to save the number, go to URL ro save email
　　address, respectively.

4. Draft
With this menu you can view the messages saved as draft that are not sent.

* **About the [Menu]**
 (The following options are available)

(1) Forward : Forwards a received message to other recipient.
(2) Delete : Deletes the selected message.
(3) Delete all : Deletes all the messages from inbox.
(4) Cut address : You can extract phone number, URL and
      email address from the contents so that you can use
      them to save the number, go to URL ro save email
      address, respectively.

5. Quick text
There are preset messages in the list. With this messages, you can edit the preset message or create new message.

* **About the [Menu]**
 (The following options are available)

(1) Edit : Enables you to edit the selected preset message.
(2) Send : Enables you to send the selected preset message.

6. Voice mail
With this menu, you can access your voice mailbox quickly. The voice mail message icon will be displayed on the screen if there is a voice mail.

* **About the [Menu]**
 (The following options are available)

   1) Number : Please enter Voice center number.
   2) Listen : Press [OK] to connect to voice center.

7. Broadcast
With this menu, you can receive the broadcast messages on general information such as weather or traffic, etc. . For more information about topics, please contact your service provider.

* **About the [Menu]**
 (The following options are available)

(1) Inbox : You can read all the received broadcast
      messages.
(2) Option : Selects whether to receive the broadcast
      messages or not
(3) Set language : Selects your preferred language to be
      display of broadcast message.
(4) Channel list : Indicates the channel from which you
      wish to receive broadcast message

8. Setting
With this menu, you can set up SMS message.

(1) **Service center** :
Enables you to store or change the number of your
SMS center required when sending messages
You must obtain the number from your service provider.

(2) **Expire period** :
Enables you to set the length of the time for which your
messages are stored at the message center while
attempts are made to deliver them .
Selects the period in which the service center tries to
deliver the message.
  1 hour, 6 hours, 12 hours, 24 hours, 72 hours,
  1 week, Maximum

(3) **Message type** :
Enables you to set the default message type - Text,
Voice, E-mail and Fax. The network can convert the
message into the selected format.

(4) **Status report** :
Enables you to activate or deactivate the report function.
When this function is **On**, the network will inform you
whether or not your message has been delivered .

(5) **Alert period** :
Enables you to select the period of alert type when
incoming message
  One time, Every 2 min, Off

9. Memory status
You can check the status of your phone and SIM card
memory. If [Memory is full!] message appears, you cannot
save any more item until you have deleted other item.

MMS

You can use this MMS feature to send and receive messages
containing multimedia contents (image, sound).

1. Multimedia
1. Press [Main] in the idle mode.
2. Scroll to [Message] by pressing up or down navigation
   key, then press [OK]. (Or press digit 9)
3. Scroll to [2.MMS] by pressing up or down navigation key,
   then press [OK]. (Or press digit 2)
4. Selects the desired item, then press [OK].

(1) Multimedia
With this menu you can write a message and insert MMS
options.

*** Entering MSG editor**

(1) **To**[▣] : Enters the phone number or Email address of
            recipient. Press the [Edit] then input the phone
            number of recipient.

(2) **Cc**[▣] : To send the message to another mobile phone,
            enter the phone number or Email address of
            recipient. Press the [Edit] then inputs the phone
            number of recipient.

* You can use the [Phone book] to search the recipient's number from the phonebook.

(3) **Subject**[   ] : Writes a title.
(4) **Options**[   ] : You can set the following features,
  - Validity period : Selects the validity period to 1 Hour, 12 Hours, 1 Day, 1 Week or Max.
  - Read report : Enables you to request for a report that the recipient reads the message.
  - Delivery report : Enables you to request for report of the message delivery status.
  - Priority : Selects the 'Low, Normal or High'.
(5) **Edit content**[   ] : You can edit the content type.
  - Split-Text&Image : Inserts an image after entering the text
  - Split-Image&Text : Inputs a text after inserting an image

2. Inbox
When a new multimedia message comes in, the display shows the text notification along with the Subject of the message.

* About the [Menu]
(The following options are available)

(1) View : Enables you to view the received message.
(2) Reply : You can reply a message to sender.
(3) Reply to all : You can reply a message to all senders and recipients.
(4) Forward : You can forward the received message to others.
(5) Delete : Deletes the selected message.

(6) Delete all : Deletes all message.
(7) Refresh : Refreshes the selected message.
(8) Back : Returns to previous screen

3. Outbox
In this menu saves any messages that you have already sent (If you choose "Save and Send" in New Message menu) or just saved without sending (if you choose "Save only").

* About the [Menu]
(The following options are available)

(1) View : Enables you to view the message.
(2) Edit message : Enables you to edit the message.
(3) Delete : Deletes the selected message.
(4) Delete all : Deletes all message.
(5) Send : Sends the selected message.
(6) Refresh : Refreshes the selected message.
(7) Back : Goes to previous screen.

4. Drafts
The unsent message is stored in Drafts Box. It has some sub menu such as view, send, delete and change.

* About the [Menu]
(The following options are available)

(1) View : Enables you to view the message.
(2) Edit message : enables you to edit message.

(3) Delete : Deletes the selected message.
(4) Delete all : Deletes all message.
(5) Send : Sends the selected message.
(6) Refresh : Refreshes the selected message.
(7) Back : Goes to previous screen.

5. Sent
When you access this menu option, the list of the MMS
messages that you have already sent successfully will
display.

6. Templates
You can use it to edit the preset messages which contains
picture and or MIDI sound.

7. Settings
You can change the default multimedia message settings.
The following options are available.

* Settings detail

1. **Sending**
You can set the sending status of validity period, read
report,delivery report, etc.

(1) Validity period :
Sets the length of the time for your message will be saved
at the message center while attempts are made to deliver
them. Set on the 1 Hour, 12 Hours, 1 Day, 1 Week, Max

(2) Read report : When this option sets to ON, your recipient's
phone sends a reply to let you know when your message
was read by him/her.
(3) Delivery report : When this option sets to On, the network
informs you whether or not your message has been
delivered
(4) Priority : Set the priority of message. Low, Normal or High.
(5) Auto save
(6) Slide duration

2. **Retrieval Mode** : You can select the mode between
Delayed and Immediate.

3. **Filters** : You can set the received message type:
'Immediate limit, Treat as delayed, Max size' .

* USSD Service
USSD is a GSM service that user requests services by
entering a service code(specific short digit or characters)
at the handset.
If you need more details, please contact your service
provider because the service code differs.

Battery

About the battery

The battery pack is not fully charged when purchased.
Fully charge it for 8 hours the first time before using.
Use only batteries approved by the phone manufacturer.
Recharge battery only with the chargers approved by the
manufacturer.
Unplug the charger when not in use.

Charging the Battery

1. Connect the power plug to the wall socket outlet.
2. Insert the power cable jack into the connector at the lower
   part of the phone.

* **Tips**
   - When the battery is almost empty, you will hear 'Beep'
     sounds.
   - It may take additional charging time if the phone is
     powered on.

Caution!

- Never use any charger or battery that is damaged in any way.

- Use the battery only for its intended purpose.

- Use only batteries approved by the phone manufacturer and
  recharge your battery only with the chargers approved by the
  manufacturer. If you use the non-approved batteries, it may
  cause fire or explosion. Unplug the charger when not in use .

- Do not leave the battery in hot or cold places, such as in a
  closed car in summer or winter conditions, as you will reduce
  the capacity and lifetime of the battery.
  Also do not leave the battery in microwave, pressure pot.
  If the battery is heated in the closed space, it may cause fire,
  smoke or broken. Always try to keep the battery between
  -10~55¡É

- Do not apply extreme shock to the battery. It is dangerous
  to disassemble a battery or to apply extreme shock to the
  battery via nail or heavy metal objects.

- Keep all accessories or batteries out of reach of small children
  or babies. Please instruct children the proper ways of han-
dling
  phone during usage. Shock circuit and breakdown may occur
  and cause severe danger to user due to improper usage.

Battery Time

1. Charging Time(Power Off Status)

Description	Standard(720mAh)
Time	2 hours

2. Battery Time

Description	Standard(720mAh)
Talk Time (min)	100 ~ 120 min
Standby Time (hours)	60 ~ 100 hours

1. Battery operating time (standby and talk time) is an estimated value from normal field condition (DRX=5). Therefore the battery performance depends on many factors including network configuration, signal strength, battery age and condition, the temperature and backlight status.
2. If the phone is in 'no service area', the standby time will become shorter.
3. Receiving call requires the same amount of electric current as much as that of making a call.

Entering Text

You can enter characters by using the phone's keypad.
Using this feature you can store a name in the phone book, creating idle banner and scheduling events.

Text input mode indicator

Character input status

Title

abc ENG   1499(1)
Message :

Cursor indicates insertion position

Text input area

Character selection area

Softkeys area

◀ a b c 2 ▶
Menu Done Back

Press the [Menu] to access the menu items.
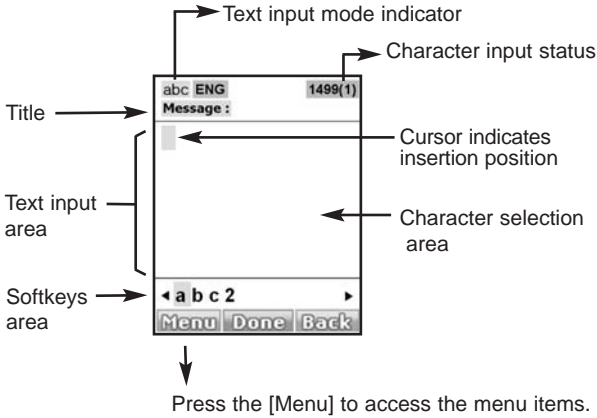
General text input guideline

Press [CLR] key
  - Press the key : To delete one letter at a time.
  - Press and hold down the key : To deletes the all characters
    in text area

Press [*] key
  - Word is entered : To select the word you entered.
  - No word is entered : To insert a space

Press [END] key : Go to idle screen.

Press [1] key : To enter the punctuation marks.

Press [Side key] : To change input method.

Press [#] key
  - Press the key : Changes the up case and lower case.
  - Press and hold down the key : On the text input mode, it
    changes the text a line

Changing the text input mode

  i) By pressing [Input Method] from [Menu]
  ii) By pressing [Side key], you can change the mode

* About the [Menu]
(The following options are available)

(1) Input method

    Using this menu, you can select input text mode.

    Possible input mode are eZi, abc, 123 and Symbol
    mode.

(2) Language
    Using this menu, you can change the input languages.
    Please select the language that you would like to choose.

  * The supported language may be different by countries.

(3) Insert Media
    Using this menu, you can containing multimedia contents
    when you create the message.
    Possible items are Picture, Melody, Sound and Animation

(4) Exit
    Return to previous screen.

English input

1. Predictive English (eZi mode)
   Word input : Press 2-9 one time to input letter at the key.
   Symbol Input : Press[0] to select all support symbol when no
   word is input.
   Press Key[left / right] or [+]key to navigate (move highlight
   forward or back).
   Press[*] or Key Down to confirm the highlight word.
   Press[Clear](Right Softkey) to delete current preview input
   letter.
   Space input : key[*]

2. Normal English (abc mode)

Letters input: press 2-9 one or more times to select letter.

Example : Input 'a' should press[2] once, input 'y' should press[9] three times.

Symbol Input : press [1] to select mark symbol,
Press[0] to select context symbol.
Space input : key[*]
Changing uppercase and lowercase: key[#]

Number input (123 mode)

This feature type numbers using one keystroke per number.
Input number : Press 0~9 keypad
Space Input : key ('*')
The 123 mode indicator is displayed at the top of the screen.

Symbol input (SYM mode)

This feature enable(s you to insert symbols in a text message.

This feature enables you to insert symbols in a text message.

- Use the navigation keys to scroll to the desired symbol.
- Press [1~8]key to select one of them.
- Press [*] to confirm the first candidate.

Data Format

Idle Mode	Month:1~9,10,11,12 Day(DD) :1~9,10,31 **12/25(Su) 10:30A** ──────── A:AM/ P:PM Min(MM):00~09,10~59 Hour(HH):0~9,10,11,12 A day of the week
Schedule / Anniversary / Alarm	**00:00am** ──────── am:AM / pm:PM Min : Enter Min from 00 to 59 Hour : Enter hour from 01 to 12
Anniversary / To do	**0000/00/00** Day :Enter Day from 01 to 12 Month :Enter Month from 01 to 12 Year :Enter 1890 to 2040
Stopwatch	**00:00:00** ──────── Millisecond Second Minute
World Time	**Maxico City** ──────── City name **08/13(We) 02:14A** Mo~Su

Troubleshooting

Check these questions first if you experience problems with your phone :

Q : I press the Power / End key, but nothing happened.
A : Be sure to press and hold ¡®END¡¯(the END/Power key) until the display appears. You will hear an audible alert. If nothing happens, check the battery pack.

Q : The display says "Insert SIM Card" or "Check SIM Card" even through I have inserted my SIM card in the hone.
A : The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly. Be sure to turn your phone off and turn it on again after your re-insert the SIM card.

Q : The display says "Locked" . How do I unlock my phone?
A : Try entering the 4 digit lock code 0000.

Q : The display says "SIM Blocked". How do I unblock my SIM card?
A : Call your service provider to obtain the PIN unblocking key(PUK) code.

Q : My phone does not ring.
A : If you see "Silent / Vibrator icon" in the display, then the ringer is turned off. Also, the ringer may be set to "Silent" even through your phone is set to a ring alert profile.

Q : I cannot send/receive calls.
A : Make sure that you have a phone network signal. Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings. Your phone also may have the "Call Barring" feature turned on. If you know the password, you can change this setting in the network setup menu. Also check and make sure your SIM card is installed and working properly.

Q : My battery didn¡¯t last as long as I expected. What can I do to extend battery life?
A : Your battery¡¯s performance is affected by charging frequency, feature use, temperature changes and other factors.

Q : I tried to place a call and heard an alternating high/low tone.
A : Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.

Technical information

Supported Systems	GSM 850/1800/1900
Operating Frequency Range	GSM 850: 824 to 849 MHz(TX) 869 to 894 MHz(RX)
	DCS 1800: 1710 to 1785 MHz(TX) 1805 to 1880 MHz(RX)
	PCS 1900: 1850 to 1910 MHz(TX) 1930 to 1990 MHz(RX)
Max.Transmitting Power	GSM 850 : 33dBm(2Watt) Nominal DCS 1800 : 30dBm(1Watt) Nominal PCS 1900 : 30dBm(1Watt) Nominal
Size	84 x 47 x 21.7 mm
Weight	86 g(approx.)

* GSM : Global Systems for Mobile Communications
* DCS : Digital Cellular System
* PCS : Personal Communication Service

Telcel has tried its best to ensure the accuracy of the contents on this printing
material yet it does not accept liability for any error.
Telcel reserves all the rights to change the product specifications without prior
notice.

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 **1.46 W/Kg** and when worn on the body , as described in this user guide, is **0.379 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: R5WNGTS610**. 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.