

Welcome

**USER'S MANUAL
PG-1310V**

Thank you for choosing Pantech PG-1310V and welcome to wireless mobile communication networking with the PG-1310V, our tri-band GSM mobile phone. Pantech is delighted to introduce this brand new portable handset which will always keep you connected to the network. This user manual explains in detail its unique features and how to use them.

NOTE: Some of the contents in this User Manual could vary from your phone. It may vary depending on the S/W version and the network provider you subscribed to.

Specification

▪ Display

65,000 CSTN internal

- Main LCD: 1.5 inch 65,000colors. (128 x 128 pixels)
- 6 lines for text in basic mode with 16-pixel font
- Three Soft keys with four-way scroll including selection function (OK key)

▪ Melody

Yamaha 16 poly sound

Camera

VGA CMOS built-in Camera.

- Resolution up to 640 x 480 (307,200 pixels)
- Self timer function (5 Secs or 10 Secs)
- Photo album

▪ Dimension & Weight

- Weight: 72.5g
- Dimensions: 90 mm x 43.6 mm x 19.4 mm

▪ Power Management (Performance)

Battery Type	Capacity	Standby Time	Talk Time
Standard (Li-ion)	720 mAh	240 Hours	4 Hours

▪ Operating Frequency

- EGSM 900, GSM 1800, and GSM 1900 networks in Europe, Africa, Asia-Pacific, North America, and South America where these networks are supported
- Automatic band switching



Safety Precautions

- **Using a handset while driving is prohibited.**

With regards to the regulation about prohibition of handset usage while driving, please check relevant laws and regulation and comply with them.

- Use of your cellular while you are driving may disturb your concentration on driving and consequently leads to accidents. Please turn it off as far as possible.
- Should you use your handset in an emergency, please make use of the hands-free set built in your car or pull over your car in a safe place for a while for your utmost safety.
- The electronic wave energy emitting from your handset may affect the electronic device built in your car. Please pay attention to this characteristic.

- **Cellular Use Restriction Area**

Make sure to turn your handset off in handset usage restricted areas.

- **Using a Handset in Explosive or Dangerous Areas is not Allowed**

Please turn your handset off in areas with explosive or dangerous material (such as gas station, near gaseous material or chemical goods etc) and abide by any safety instruction or signs. Never try to detach your cellular battery from the handset in such areas, either.

- **Boarding Airplane**

Please turn your handset off when you are on the airplane. The electronic wave from your handset may affect the electronic navigation device in your airplane.

- **Using Medical Equipment**

- Please turn your handset off while you are in the hospital.
- Please abide by the regulations or rules of the hospital.
- Please turn off your handset when using medical equipments for private

purposes if possible. You should consult with the manufacturer or an expert before you use themt.

- **Installing a Vehicle Hands Free**

- Please keep a vehicle hands free off the driving radius, air bag expansion range, or whatever area may cause injury.





- **Effect of Electronic Wave**




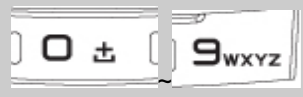




Some electronic devices may be affected by the electronic wave emitting from the cellular in service. Please be careful.

Views



Quick & Easy

Keys	Functions	
	Performs the functions shown at the bottom line of LCD.	
	<p>Scrolls through the menu option in the Menu mode.</p> <p>In the standby mode,</p> <p>Left key (</p>	<p>Opens the WAP (Wireless Application Protocol) menu list if pressed short in the standby mode.</p> <p>Launches the WAP browser directly, if pressed longer in the standby mode.</p> <p>Selects menu function for storing user input information, such as names, SIM memory. Also used for confirmation.</p>
	Deletes characters from the display, or returns to previous menu. Opens the Calendar view if pressed short in the standby.	

	<p>Sends or receives a call.</p> <p>Shows the recent call list in the standby mode.</p> <p>Re-dials the last call number if pressed longer in the standby mode.</p>
	<p>Completes a current call.</p> <p>Turns on/off the phone if pressed longer.</p> <p>Cancels user input and returns to the standby mode in the Menu mode.</p>
	Quickly connects to the voice mail server if pressed longer in the standby mode.
	<p>Enters numbers, letters or special characters.</p> <p>Goes to the dial screen if pressed in the standby mode.</p>
	<p>For various purposes by different functions.</p> <p>Enters or exits from the Etiquette mode if pressed longer in the standby mode.</p> <p>Shows the symbol input screen if pressed in the text input mode.</p> <p>Works as in the Word search mode if pressed in the Predictive text input mode.</p> <p>Enters a pause when entering a phone number, if pressed longer.</p>
	<p>Enters an international dialing prefix.</p> <p>Enters the space character in the text input mode.</p>
	<p>Locks or unlocks the phone if pressed longer in the standby mode. Changes various text input modes if pressed longer at the text-editing screen.</p>
	<p>Adjusts earpiece volume while making a call, and moves the cursor upward in the menu.</p> <p>Controls the key tone volume in the standby mode if the handset folder is opened, and moves</p>



	the cursor upward in the menu.
	Adjusts earpiece volume while making a call, and moves the cursor downward in the menu. Controls the key tone volume in the standby mode if the handset folder is opened, and moves the cursor downward in the menu.
	Enters a camera preview mode and takes a photo if pressed in standby mode..

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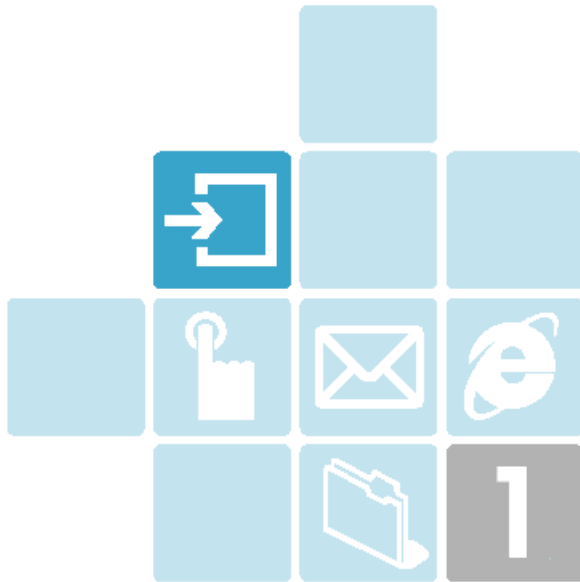
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1. Getting Started

1. Package Contents
2. SIM Card
3. Displays
4. Using the battery

1. Package Contents



Phone



Battery



Manual



Travel Charger

※ The contents can be vary by regions.

2. SIM Card

SIM Card

When you subscribe to your network operator, you will get a SIM

(Subscriber Identity Module) card containing your registration information. (PIN, the existence of additional service and so on). Like a credit card, it should be kept securely and handled carefully. Do not bend, scratch or expose to moisture. Avoid static electricity. To avoid memory corruption of your SIM card, always switch off your phone before removing or inserting your SIM card.

Installing/Removing the SIM card

[3.2]

1. Remove the battery from the unit.



2. If the SIM slot is empty, insert the SIM card into the slot.



3. If you want to remove the SIM card, push the SIM card to the arrow direction as shown in the below figure.



g the battery

Installing the battery

Put the metal locators of the battery into the hole located at the bottom of the unit, as shown in the below figure.

Press the upper side of the battery until you hear a “click” sound.



Removing the battery

Push up the battery holding button and remove the battery.



Charging the battery

This handset uses the Li-ion battery. Make sure to use an authorized battery and charger only. For more details, please inquire of your nearest dealer. You can use the handset during battery recharge.

When the battery is mounted on the handset, open the cover located at the bottom of the handset and connect an adaptor. An adaptor is provided with the handset.

If recharge is completed, detach the adaptor connection from the outlet.



Tip

Your handset is powered by a Lithium Ion (Li-ion) battery.

You can use the following Li-ion battery types for your handset. (Contact your local dealer for more information.) Standard-type battery.

Slim-type battery.

Precautions while Using the Battery

- Do not use a damaged battery or charger.
- Use the battery for the specified purpose only.
- The closer you are to the base station, the longer the handset usage time because less power is consumed for connection.
- Battery charge time varies depending on the remaining battery capacity and the battery and charger type in use.
- Battery life is shortened as time goes by.
- Use authorized battery and charger only.
- Since overcharge may shorten battery life, remove the battery from its

charger once it is fully charged. Unplug the charger once charge is complete. Leaving the battery in hot or cold places, especially inside a car in summer or winter, may reduce the capacity and life of the battery. Always keep the battery under normal temperatures.

- Do not ground the battery. Grounding may occur when the battery is in contact with a conductive object. A grounded handset may also damage the battery.
- Dispose and recycle used batteries in accordance with local regulations.
- Do not dispose of the batteries in a fire.
- Do not use an unauthorized charger.
 - In order to prevent injury or burns, ensure that a metal object does not come into contact with the + and – terminals of the battery.

4. Displays

This handset has 1 LCD (internal) and icons on the top of the LCD display to show the phone condition.

LCD Display



Icons Area

Text and Graphic Area

Display in Standby screen with information

- Area Information through Cell broadcast service
- Network Name
- Time and Date, or Standby Greeting message.

Softkey Indications




Icon(s)	Description
	Shows the received signal strength. The more the number of bars, the stronger the signal.
	A call is being made.
	Out of the coverage area. You cannot make or receive a call.
	You have a new text message. If the text message memory is full, this icon will look like
	You have a new multimedia message. If the multimedia message memory is full, this icon will look like
	Out of the home network range.

	Within the GPRS range. When GPRS session is in progress, this icon will look like
	You have a new WAP push message. If the WAP push memory is full, this icon will look like
	Call diverting feature is activated.
	You have set the alarm.
	You have set the alert type for incoming call to ring only.
	You have set the alert type for incoming call to ring ascent .
	You have set the alert type for incoming call to vibrate and ring.
	You have set the alert type for incoming call to vibrate then ring.
	You have set the alert type for incoming call to quiet (3- colour LED flashes for incoming call alerting).
	You have set the alert type for incoming call to vibrate only.
	You have set the alert type for all tones to quiet and for all rings to vibrate only.
	Headset is connected.
	A new voice mail is received.
	Battery level. The bar indicates available battery amount. If your battery is flat, this icon will look like

Display Off Mode.

If you don't press any key in a minute, the internal display goes into the Off Mode to save the power. Press any key to restore the display from the Off Mode.





Selecting Functions and Options.


Handset provides several customization functions, which are arranged in menus and sub-menus. You can access to these function using three Soft keys ([, [] and [] key).

Each menu and sub-menu allows you to view and change the settings of a particular function.

Soft key function varies depending on the current context; the labels or icons at the bottom line of the display indicate the current function.

To view various functions/options available or select the one that is required:

1. Press the appropriate Soft key.
2. To select function displayed or option highlighted, press the [] Soft key or [] Soft key.
3. To highlight the next option on a list, press the Up key or Down key.
4. To move back to the previous function or option on a list, press the [] key.
5. To return to Standby Mode, press the [] key.

In some functions, you may be prompted for a password or PIN. Enter the required code and press the [] Soft key.

Side Key Function

Side Up

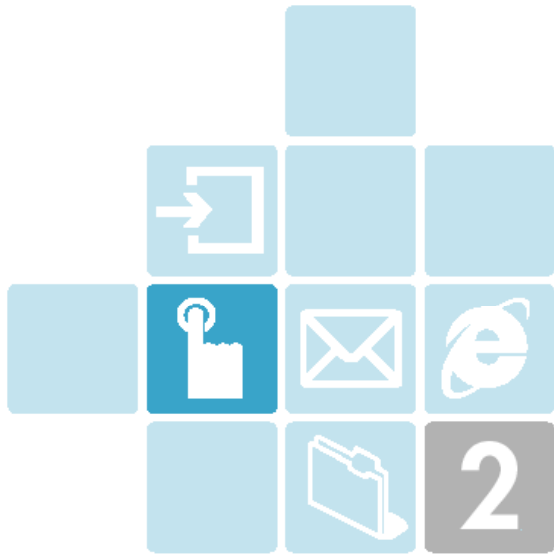


- Mutes the ring tone if pressed at an incoming call.
- Rejects the incoming call if long pressed at an incoming call.
- Turns the Backlight on if pressed longer.

Side Down



- Mutes the ring tone if pressed at an incoming call.
- Rejects the incoming call if long pressed at an incoming call.



2. Basic Functions

1 Switching the Phone On or Off

2. Making a Call

3. Answering a Call

4. Options in Calling



5. Using the Earpiece

6 Selecting a Menu Function

7. Entering Texts

1. Switching the Phone On or Off

Switching the Phone On


- ① Open the folder.
- ② Press the [] key until the phone switches on.
- ③ If the handset requests you to input the PIN, enter the PIN and press the [] Soft key. (For further details, see menu 6.8)

Your handset starts to search for the available network and the current date and time will appear on the internal and external displays. Once connected to the network, you can send or receive a call.

If the malfunction occurs while using the handset or it is not turned on, remove the battery and install it again after 5 or 10 seconds.


Note: To change the language, use the Language menu option (Menu 6.4).

Switching the Phone Off

To switch the phone off, press the [] key until the power-off animation displays.


2. Making a Call

Making a Call


Enter an area code and the phone number to make a call in the standby mode, and press the  key.

Note: If you have set the [Auto Redial] option (Menu 6.3.3) to [On], the handset will attempt to make a call automatically for up to 10 times if it is not answered.

To clear the last digit displayed, press the  key.


To clear all the digits displayed, press the  key longer.




Ending a Call

When you want to finish your call, press the  key short or close the folder. Once the call is completed, the call summary (Receiver Name or Number, Service Time) will be displayed.

Using Call Logs

The phone stores up to 30 dialled, received or missed calls chronologically. The last call is saved in the first position. If the same number was dialled more than once, only the latest occurrence will be saved.




- ① Press the  key short to see call log list aligning dialled, received, or missed numbers chronologically.

- ② Press the  key to select a number.
 - ③ Press the  key for dialling. (See Call Logs for more details.)
- **Tip:** Press the  key longer to redial the last dialed in the call log.



Using Contacts

You can store frequently - used names and phone numbers in the SIM card or the handset memory, which are jointly called Contacts. Then, you don't have to remember all your numbers; instead simply select the name to recall the associated number.


(For further details about the Contacts feature, see menu 2.)

- ① Press the  key or the  key in the standby screen to access the 'Contacts' Menu and 'View Name' List respectively.
- ② Select a number from 'View Name'.
- ③ Press the  key for dialling. (See Contacts for further details.)

Making an International Call

- ① Press the  key longer for the international prefix until '+' character appears on the display or enter an outgoing country code.
- ② Enter the country code, area code and phone number you want to make a call.
- ③ Press the  key.

Speed-dialling from Contacts


Press the 'Speed Dial' number longer to make a call using the number you have saved. For example, press the  key longer to dial the number which has been saved with the number of "5" in Speed Dial List.

For speed dial numbers longer than 2 digits, press the first one short and then press the second one longer.

(See Speed Dial Setting for more details.)

Making an Emergency Call

You can make an emergency call without the SIM.


Enter '112' Number and then press the  key, Or, press the **[SOS]** Soft key if no SIM Card is available.

3. Answering a Call

Answering a Call

When you receive a call, the phone rings (or vibrates) and screen will display the name or the number of the caller (If the network supports the service and you have subscribed to it).

If the caller can be identified, the caller's phone number or name will be displayed if it is stored in your Contacts.


- ① To answer a call, open the folder.
- ② If it is already open, press the  key.



If the answer type is set as **[Any Key]**, you can answer a call by pressing any key except the **[End]** key.

Viewing Missed Calls

If the incoming call could not be answered for any reason, a missed call message will appear on the screen to remind you of the call you have missed. (Network and subscription dependent feature, not available at all areas)


To reply to the missed call;

- ① Keep the folder open.
- ② Press the **[View]** Soft key to display a list of missed calls.
- ③ If necessary, scroll to the number you want by pressing the **[Up/Down]** key.
- ④ Press the  key to recall the missed call.

Press the  or  key to close the missed call notification message.



Rejecting a Call

Press the **[End]** key or the **[Reject]** Soft key when the folder is open. If the **[Reject]** Soft key is pressed, the caller will receive a busy line tone.


When the folder is closed, press the  key longer during the ringing of an incoming call.

Adjusting the Volume during a Call


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

Press the  key to increase the volume level and the  key to decrease it.

The current volume level will be displayed on the screen.

In the standby mode with the folder open, you can adjust the key tone volume using the  key.

4. Options in Calling

During a call, press the  key to show the call option.

Switching the Microphone Off (Mute)

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


For example, you may wish to say something to another person in the room but do not want the calling person to hear you.

Press the **[Mute]** Soft key short,

Or, select Option followed by 'Mute' to activate the Mute function.


To switch the microphone back on:

Press the **[Sound]** Soft key short.

Or, press the **[Option]** Soft key and then press the **[Select]** Soft key or  key, when **[Sound]** highlights.

Putting a Call on Hold

You can place the current call on a hold whenever you want. You can make another call while you have a call in progress if this service is supported by your network service provider. Of these two calls, one is active and the other is on a hold and you can switch between the calls.

To place a call on a hold, simply select the **[Option]** Soft key followed by **[Hold]**, or press the  key.

You can reactivate the call whenever you want by selecting the **[Option]** Soft key followed by **[Retrieve]**.


Once a call is held, the name and icon of the caller will be faded to gray.

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

- ① Enter the phone number that you want to dial or look it up in the Contacts.
- ② Press the key to dial the second call. The first call is automatically put on a hold.

To switch between two calls, simply press the **[Swap]** Soft key.


The current call is placed on a hold and the other call which was on a hold is reactivated so that you can continue conversation with the other person.


If you want to finish, complete each call normally by pressing the  key.

Answering a Second Call while You are on a Phone Call

You can answer an incoming call while you have a call in progress, if this service is supported by your network service provider and you have activated the **[Call Waiting]** option (see menu 6.3.4). You will be notified of an incoming call by a call waiting tone.

To answer a call while you have another call in progress:

- ① Press the  key to answer the incoming call.
- ② The first call is automatically put on a hold.
- ③ To switch between two calls, press the **[Swap]** Soft key.

To end the current call, press the  key.

The call on a hold is automatically reconnected to you.

Searching for a Phone Number in Contacts

You can search for a number in your Contacts during a call.

- ① Press the [Option] Soft key.
 - ② If necessary, press the [Back/Forward] key to highlight the [Contacts] option. Press the [Select] Soft key or [OK] key.
 - ③ Select the preferred search types like Name, Group.
 - ④ Press the [OK] Soft key.
 - ⑤ The Contacts entries are listed.
 - ⑥ Enter the first few letters of the name for Name Search.
 - ⑦ The Contacts entries are listed starting with the first entry matching your input.
- Note:** You can also scroll through Contacts from the beginning, by pressing the [Back/Forward] key.
- ⑧ To view the highlighted entry, press the [OK] Soft key.

For further details about the Contacts feature, see menu 2.

Using the DTMF tones

You can turn the DTMF key tones off or on during a call.

When the [DTMF Off] option is selected, your phone does not transmit the key tones. It allows you to press keys without hearing the annoying key tones during a call.

To communicate with answering machines or computerized telephone systems, the [DTMF On] option must be selected.

Transferring a Call

You can transfer the current call to the call on hold if this service is supported by your network service provider, so that the callers can talk to each other. You will be disconnected from both of them.

- ① During a call, answer or make a call in the normal way, and press the [Option] Soft key.
- ② Press the [Back/Forward] key to select the [Transfer] option and press the [Select] Soft key or [OK] key.

Two people are connected to each other.

Using the Message Service

You can read or write a new message during a call.

- ① Press the [Option] Soft key.
- ② Press the [Back/Forward] key to highlight the [Messages] option. Press the [Select] Soft key or [OK] key.
- ③ To read a received message, select the 'Inbox' submenu, and then scroll to the message that you want to read.
- ④ To write a new message, select the 'Write New' sub-menu.
- ⑤ Press the [OK] Soft key.



(For further details about the Text Message menu, see menu 1.1.)

Making a Multi-party Call

A multi-party call feature is a network service that allows up to six people to take part in a multi-party or conference call simultaneously.


For more information, contact your service provider.

To make a multi-party call

- ① Call the first participant in the normal way.
- ② Call the second participant in the normal way. The first call is automatically put on hold.
- ③ To join the first participant to a multi-party call, press the **[Option]** Soft key and select the **[Join]** option.
- ④ Press the **[Select]** Soft key or [] key.
- ⑤ To add a new person to the normal way, press the **[Join]** option.
- ⑥ Press the **[Select]** Soft key or [] key.

You can add incoming callers to the multi-party call by answering the call and selecting the **[Join]** option. Repeat the above steps as needed.


Upon organizing a multi-party call, you may view the people and their

status in Multiparty with the [] key.





An icon indicates either Far Multiparty or Far Held.

Having a Second Call During a Multi-party Call




To answer or make a call when you have the multiparty call:

- ① Answer or make a call in the normal way.
- ② You can reactivate the multi-party call on a hold by pressing the **[Swap]** Soft key.
- ③ To end the multi-party call, press the [] key.

Having a Private Conversation with One Participant

- ① Press the **[Option]** Soft key and select the **[Private]** option. Press the **[Select]** Soft key or [] key.
- ② Press the [] key to highlight a participant and press the [] key.
Now you can talk privately with that person.
The other participants can continue to converse with each other.
- ③ To return to the multi-party call, press the **[Option]** Soft key and select the **[Join]** option.
- ④ Press the **[Select]** Soft key or [] key.
All of the multi-party call participants can now hear each other.

Removing One Participant

- ① Press the **[Option]** Soft key and select the **[Exclude]** option.
- ② Press the [] key to highlight a participant and press the **[Select]** Soft key or [] key.
The call ends with that participant, but you can continue to talk with other participants.
- ③ Complete the multi-party call by closing the folder or pressing the [] key.

5.Using the Earpiece

You can send or receive a call without touching the handset, using the ear-microphone.

When you have connected the ear-microphone to the jack located at the top of the phone, the button on the ear-microphone works as described below;

To show the recent calls, press the button in the standby mode.








To redial the last call, press the button twice in the standby mode.

When you receive a call, long press the button to answer the call.




When the call is completed, long press the button to end the call.


6. Selecting Menu Functions


Entering Menu Functions

Key	Function
 Key	Goes to the main menu in the standby mode.
 Key	Goes to the Contacts menu
 ,  key	Moves among the main menus.
 ,  key	Searches for the sub-menu.
 key	Goes to the sub-menu











Press the 4-way navigation keys in the main menu to move to the menu you want.

See the bottom of the Sub Menu List to check the current setting values in the sub-menu. Press   key and  key to change the current setting value.

If you don't press the  key, the new value will be cleared without saving.

Note: Press the  key to return to the previous menu. Input the menu number to access to the sub-menu quickly.

Using the Shortcut Keys in the Standby Mode

Key	if pressed	If pressed longer
 Key	Menu	
 Key	Contacts	
 key	Messages Sub Menu	
 key	Profiles List	Displays current ring tone
 key	WAP	Directly connect to WAP browser
 key	Favorites	Favorites
 key	Calendar Monthly View	
 Key	Recent Call Logs	Redial last call.
 key	Phonebook Name List	Phonebook Name List
 key	Take a Photo	

7. Entering Texts

Input Mode

On many occasions you need to input texts while you are using your handset, (i.e., storing a name in the Contacts, writing a new message, creating your greeting or scheduling events on your calendar).

The available text input modes include.

T9 mode

You can input letters with only one keystroke per letter. The keypad has more than one letter on it – when you press the [5] key once, J, K or L may be displayed.

The T9 mode automatically compares your keystrokes with the internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the conventional Multi-tap mode.

Multi-tap mode

In this mode, you can input the letter you want by pressing the keypad once, twice, three or four times until the target letter appears.

Numeric mode

You can input the number in this mode.

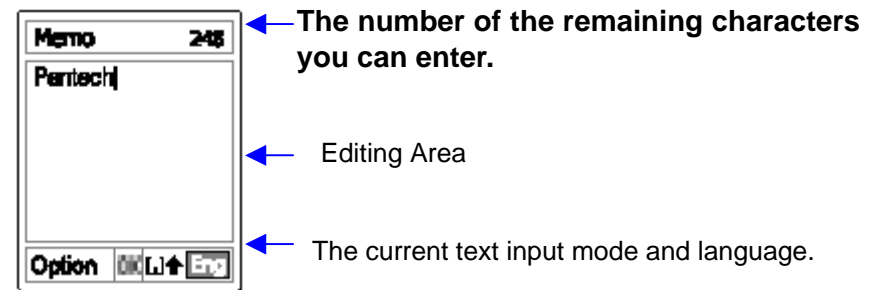
Symbol mode

You can input the special characters like Greek letter, currency unit, or period mark in this mode.

Changing the Text Input Mode

When you are at the area where you can input the text, the text input mode indicator will be displayed at the bottom of the LCD.

Example: Entering a memo.



To switch to other text input mode:

- ① Press the right Soft key indicating the current text input mode.
- ② Toggle to the mode you want to use by pressing the [5] right Soft key.
The Language select option allows you to change the text input language.

Inserting a Space

To insert a space between words, press the [5] key.

Scrolling

To move the cursor to the left or right within the text, press the [←/→] key. And also, to move the cursor to the up or down among the lines, press the [↑/↓] key.

Note: By pressing the [A/V] key, the cursor can be moved very quickly to the beginning or the end of the text.

Clearing Letters and Words

To clear the letter to the left of the cursor, press the [←] key. You can clear all of the letters on the display by long pressing the [←] key.

Returning to the Previous Screen

When the text input field is empty, press the [←] key to return to the previous screen.

TIP: To change the text input mode quickly

[*] Long press	Shows symbol screen.
[] Short press	Enters a space Character.
[] Long press	Changes the text input mode.
[←] Short press	Deletes characters one by one. Returns to previous screen after deleting all characters.
[←] Long press	Deletes all characters and moves the cursor at the beginning of the input screen.

Using the T9 Mode]



In the T9 alphabet Editor, the word is composed completely as you input the text.

1. Press the keys numbered [1-9] to [1-9] to input texts. For example, press [1] [2] [4] [5] [6] in sequence to input 'hello'. The word you are typing appears on the display. It may change with each key you press.
2. Enter the whole word before editing or deleting any keystrokes.
3. Upon searching a word, input the next text.
4. If you fail to search a word, press the [] key to search which text can be typed in. If several texts are searched, the text in the most frequently used will be listed first.
5. Continue entering the next word.

Using the Multi-tap Mode



When typing in the Multi-tap mode, press the key labelled with the target letter:

- Press the key once for the first letter.
- Press twice for the second letter.
- And so on

Example: To display the letter “C”, quickly press the [C] key three times. To display the letter “K”, press the [K] key twice. This method is called Multi-tap typing.

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

Refer to the table for more information about the characters available. The characters vary depending on the text input language.

Changing the Case

To change the case of the next letter(s) that you type, press the [Shift] key. There are three cases:

- Lower case (no indicator)
- Initial capital (↑)
- Capital lock (↑)

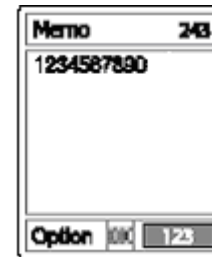
[English]

KEY	Characters in the displaying order
[.]	. , - ? ! ' @: 1
[a]	a b c 2
[d]	d e f 3
[g]	g h i 4
[j]	j k l 5
[m]	m n o 6
[p]	p q r s 7

[t]	t u v 8
[w]	w x y z 9
[Space]	Space

Using the Number Mode

The Numeric mode enables you to enter numbers in the text. Press the key corresponding to the digit you want to enter.



Using the Symbol Mode

The Symbol mode enables you to enter symbols in your text.

To display more symbols, press the [Symbol] key.


To input a symbol, press the number for the symbol, and the text will appear in the input screen.

Press the [Shift] key longer or [Soft] key to escape from the Symbol mode.

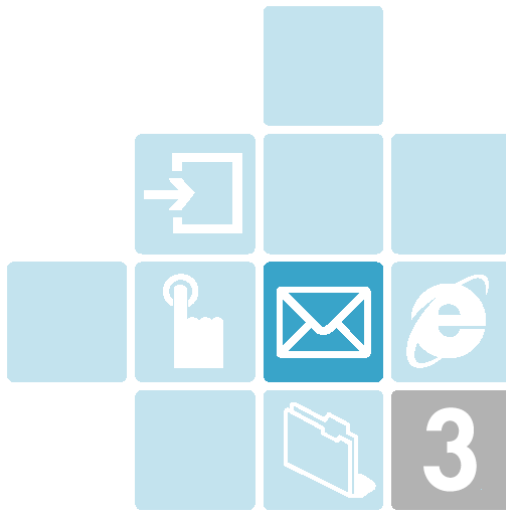
If you entered the symbol mode with the hot key ([Symbol] long key), press the key again to return to the previous mode.

Or, press the [Symbol] key to proceed to the mode next to the Symbol mode.



If you entered the symbol mode with the
[>] key, press the key again to proceed
to the mode next to the Symbol mode.





3.Applications

1. Messages
2. Contacts
3. Call Logs
4. Media Gallery
5. Multimedia
6. Settings
7. Organiser

1. Messages

Select 'Menu→1.Messages'

This menu allows you to create, send, read and save a message with the Short Message Service (SMS: Text message), Enhanced Message Service (EMS: Message includes simple image, animation or melody) and Multimedia Message Service (MMS: Message supports the presentation of various media types, such as full colour images and polyphonic ring tones).

Voice mails are also available.

Note: This feature is available only if your service provider's network supports it. Contact your service provider for more information.

Write New

SMS

Select 'Menu→1.Messages→1.Write New→1. Text Msg.' and press the [⌂] key.

You can write a message composed of a text, image or melody using this menu.

- ① Creating a message
On the first line of the display, you can see the number of the remaining characters you can enter, and the number of the current messages you have create so far.

Note: For further information on how to enter characters, refer to the

Entering Texts menu.

- ② While entering your message, press the [Option] Soft key [F7] to use the following options.

In Option menu, you can press the [Image/Text] key to select an item and press the [Down] key to choose one of the following options;

- **Add Picture:** Adds a picture from Image Gallery.
- **Add Animation:** Adds an animation.
- **Add Melody:** Adds a melody. The melody will be played back once.
- **Add Template:** Adds a template stored in Template folder.
- **Save as Draft:** Saves a written message in the Draft Box.
- **Language:** English or Russian.

MMS

Select 'Menu→1.Messages→1. Write New.→2. Multimedia Msg.' and press the [Down] key.

Slide page information will be displayed on the top right corner. You can add, edit, replace, or delete objects or templates for MMS with the following options.

This menu option allows you to create a new multimedia message and then send it to several receivers.

- ① Press the [Add] Soft key and select one of the following options using the [Image/Text] key.
 - **Add Text :** Enters a new message. For further details, refer to the Entering Texts menu.

- **Add Picture:** Adds an image or a photo from Image Gallery or Photo Gallery.. Press the [Down] key to select the image when the image list appears. For further details, refer to the Image Gallery menu.
- **Add Sound:** Adds a sound from Sound Gallery. Press the [Down] key to select the sound when the sound list appears. For further details, refer to the Sound Gallery menu.

Press the [Option] Soft key and select one of the following options using [F7]key to

- **Edit Subject:** Edits or modifies the subject. (Refer to Entering Texts menu.)
- **Add Template:** Adds MMS template messages. This feature is available only when no item is in the slide. With more than one slide, Add Template will not be available.
- **Add Slide:** Adds a new slide page to create more slides. You can move to each slide page using the [Image/Text]key on the message composer screen. If there is more than two slides, [Delete Slide] will be added in the option.
- **Preview:** Shows the message in the way it appears on the recipient's handset.
- **Slide Timing:** Set the time duration that the received message is displayed. The display automatically scrolls to the next slide page after the specified time.

Sending a message

- ① When you complete creating the message, press the [Down] key.
- ② You have to enter a recipient's number to send the message. You can either enter a number directly or search for a number in the 'Contacts' or 'Recent Call' by pressing the [Option] soft key.

- ③ To send the message to several receivers (SMS :up to 10 receivers, MMS : each 5 recipients in TO, CC, and BCC), repeat the step 2.
- ④ When you complete entering the receiver, press the [↵] key.

Note: If the size of the MMS exceeds the transmission limit, the information message will appear. Even though you forget to save the outgoing message, it will be saved in the **Sent Box** automatically if 'Save message' is set to 'On'. The 'Save' option will be disabled for the saved message.

Inbox

Select 'Menu→1.Messages→2. Inbox.' and press the [↵] key.

In case of SMS message, Press the [↵] to display the received message. You will receive a SMS notification through the SMS network. Press the [Option] Soft key [↵] to select one of the following options.

- View: Views the received message.
- **Forward:** Sends the received message to other receiver(s).
- **Delete:** Deletes the message.
- **Delete All:** Deletes all the messages in Inbox.
- **Sort:** Sort all the messages in inbox.
- **Reply:** Writes and sends a new message using to receiver's number.
- **Move:** Moves to Saved box in case of MMS message
- **Move to Phone:** Moves to the phone
- **Move to SIM:** Moves to the SIM

When the SMS message content is displayed, you can use the [Option] Soft key to perform one of the following options for the message.

- **Forward:** Forwards the received messages to others.
- **Delete:** Deletes the selected message.
- **Save Melody/Save Image/Save Animation:** Selects the object in the received message and save to Media Gallery.
- **Use Link:** Selects the Links in the received message. Select a function from View to save to Bookmark and open the URLs.
- **Use Sender:** Selects any number in the received message. Select a function from View to call to others and add the number to the new or existing contacts entry.
- **Move to Saved Box:** Saves the message to the Saved Box. The current message will be deleted.
- **Move to SIM(Phone):** Moves the selected message to SIM(Phone). The current message will be deleted.
- **Reply:** Writes and sends a new message to the received number.

To use the Objects (Melodies, Images or Animations) or Links (URLs or Number) in the message view screen, press [↵], [↵] to choose and press [Option] Soft key [↵]. Then the Object menus (**Save Melody, Save Image or Save Animation**) or Link menu (**Use Link**) will be shown accordingly, and press [Select] soft key [↵] or [↵] key to make a choice.

Also, you can access an Object or a Link just by pressing [↵] key when it was highlighted.


To call the sender, press **SEND** key [↵]

NOTE: When you forward a message over 3 pages received from others, you can only include up to 3 pages in the forward.

In case of **WAP** Push messages, the push messages are stored in Inbox. Select and check a push message from the message list in Inbox and it will lead you to a related **WAP** page.

In Inbox, press the [Option] Key to:

- **Sort:** Sorts the messages.
- **Delete:** Deletes a message.
- **Delete All:** Deletes all messages in Inbox.
- **Go to:** Goes to related site.


In case of MMS message, select Inbox and press the [] key to display the received messages one by one.

Information: The maximum display resolution is 128 *128. If you receive the message with a picture whose size is too big to display, it may not be correctly displayed, or you may see a broken image only.

You will receive a MMS notification through the SMS network. If 'Auto Download' in Message profile is set to 'On', the MMS notification will not be made, and the message will be saved in Inbox automatically (See 1,7,2 Message profile for more information).

Check the new message in MMS Inbox.

Select the [Download] at the [Option] Soft Key, if you want to download the Notification Message.


Select the [Option] Soft key [] at the left of the whole message list to select the following option

- **Forward:** Sends the received message to others.
- **Sort:** Sort the message.
- **Delete:** Deletes the selected message.
- **Delete All:** Deletes all messages in Inbox.
- **Reply:** Writes and sends a new message to the receiver's number.
- **Download:** downloads the message.

When the MMS message content is displayed, you can use the [Option] Soft key to perform one of the following options for the message.

- **Reply:** Writes and sends a new message to the receiver's number.
- **Forward:** Forwards the received message to others(s).
- **Cut Objects:** Becomes enabled when the object of the relevant message is selected. When it is selected, the Save As menu appears to allow you to save the selected message.
- **Cut Numbers:** Selects any number in the received messages. Select a function from View to extract and list up numbers in the messages. Press the [Save] Soft key to add each number to the new or existing Contacts entry.
- **Cut URL:** Becomes enabled when the text contains URL(s), and you can select one of the following options.
 - **SMS** : Using the URL, proceeds to Write new in SMS.
 - **Add bookmark** : Saves the URL to the bookmark list.
 - **Open**: Accesses the URL.
- **Save as Template:** Saves the current message as a template form.
- **Delete:** Deletes the messages.
- **Message Info:** Displays information on the selected message. (From, subject, size)

Sent Box

Select 'Menu→1.Messages→3. Sent Box' and press the [] key.If you set the 'Save Message' to 'On' in the Setting Menu, Sent Box stores messages that you have sent.

When the 'Sent Box' menu option is selected, the list of messages you have sent or saved will be displayed with the:

- Message's subject or no subject if the message had no subject.

- Receiver's phone number
- Message types: SMS or MMS

To view a message, scroll to it and press the [⏏] key.

To scroll through the message, press the [⏏/⏏] key. If the message has more than one page, you can move between the pages by pressing the [⏏/⏏] keys. If it is a MMS message, it will automatically move to the next page, according to the paging timing set by the sender.

You can choose the following options by pressing the [Option] Soft key [⏏] to:

- **Forward:** Forwards the message to other(s).
- **Delete:** Deletes the message.
- **Edit Message:** Edits the message.

Draft Box

Select 'Menu→1.Messages→4. Draft Box' and press the [⏏] key.

Draft Box stores messages that you have failed to send, cancelled, or temporarily saved on editing

The list of messages saved will be displayed with:

- Unsent' if it is a SMS message
- The message's subject or 'No Subject' if it is a MMS message
- The message type icon: SMS or MMS

To view a message, scroll to it and press the [⏏] key.

To scroll through the message, press the [⏏/⏏] key. If the message has more than one page, you can move between the pages by pressing

the [⏏/⏏] keys. If it is a MMS message, it will automatically move to the next page, according to the paging timing set by the sender.

You can choose the following options by pressing the [Option] Soft key [⏏] to:

- **Edit:** Edits the message.
- **Delete:** Deletes the message.
- **Delete All:** Deletes all the messages in Draft Box.
- **Resend:** Resends the message.

Saved Box

Select 'Menu→1.Messages→5. Saved Box' and press the [⏏] key.

Messages from **Inbox**, **Sent Box** or **Draft Box** can be saved in **Saved Box**.

Templates

You can create, edit or delete an exist or user-defined template here.

Select 'Select "Menu→1.Messages→6.Templates→1.Text Msg. or "Menu→1.Messages→6.Templates→1.Multimedia Msg.' and press the [⏏] key.

You can create, edit or delete a user-defined template here.

Choose a template and use the [Option] Soft key [⏏] to select the one of the following menu.

- **Edit:** Edits the template
- **New Template:** Creates a new template.
- **Delete:** Deletes the template.

Text Msg


Text Msg.: Creates a new text template.

Multimedia Msg

Multimedia Msg.: Creates a new multimedia template.

Settings

Text Msg

Select 'Menu ->1.Messages -> 7.Settings. -> 1.Text Msg.' and press the [] key

This menu will lead you to set up various settings for sending and receiving SMS messages. The following sub-menus are available:

Message Center

Allows you to store or change the number of your Message Center, which is required to send SMS messages. You need to obtain this number from your service provider, or your SIM card provides it.

Message Lifetime

Allows you to set the duration of messages for which the Message Center can hold the messages.

Message Type

Allows you to set the message type to Text, E-mail, Fax group3, Fax group4, Pager. The network will convert the messages into the selected format.

Reply Path

Allows the recipient of your message to send you a reply through your message centre, if your network supports this service.


Status Report

Allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

Save Message

Allows you to activate or deactivate the saving function. When this function is activated, the sent message has been saved in the **Sent Box**.

Message profile

Select 'Menu→1.Messages→7.Settings→2.Message profile' and press the [] key.

This menu will lead you to set up various settings for sending and receiving MMS messages. The following sub-menus are available:

Message profile

For profile settings, please refer to 'Advanced →8. WAP→5. Profiles'.

Message Lifetime

Allows you to set the duration of messages for which the **Message Center** can hold the messages.

Auto Download

If you set it as 'On', then MMS message will be downloaded automatically and saved to inbox, if you set it as 'Off', then MMS notification message will

be saved to inbox, instead.

Save Message

If you set it as 'On', then the message will be saved in **Sent Box** when you send message. if you set it as 'Off', then the message will be deleted after sending.

Read Report

When this option set as [On], receiver's phone sends a reply to let you know if your message was read by her/him.

Delivery Report

When this option is set as [On], the network informs you whether or not your message has been delivered successfully.

Voice Mail

Select 'Menu -> 1.Messages -> 7. Settings -> 3. Voice Mail' and press the [O] key.

Allow you to insert or edit your voice mail number manually.

Use this function to access the voice mailbox provided by the network service provider.

Push Settings

Select 'Menu→1.Messages→7.Settings→4.Push Settings' and press the

[] key.

Push SL Settings

This menu allows you to select the Service Loading Settings type. Use the left or right navigation key to select from the three modes; Never, If on same host and **Always**.


Push SL On/Off

This menu allows you to enable or disable Push Service Loading. Use the left or right navigation key to select from the two modes; **Off** and **On**.

Push Security

This menu allows you to select the **Push Security** Type. Use the left or right navigation key to select from the three modes; **Accept Always**, **Trusted** and **None**.



Broadcast

Select 'Menu→1.Messages→8.Broadcast' and press the [].

Broadcast is used receive information messages offered by your network service provider. You can choose the information message topics you want to receive. Ask your service provider for more information.

Receive

Go to 'Menu→1.Messages→8.Broadcast→1.Receive'.

Press the [/] key to decide whether or not to receive a broadcast message.

Read Message

Select 'Menu → 1.Messages → 8.Broadcast → 2. Read Message' and press the [Ⓜ] key.

You can read a received broadcast message.

Topic List

If some topics are already added to the list, choose one topic list and press the [Ⓜ] key to receive broadcast messages for the specific topic. If the topic list is empty ("List Empty"), you may add a new topic with [Option] menu.

Press the [Option] Soft key [F4] to;

- **Add New Topic:** Adds a new topic to the list.
- **Edit Description:** Edits description of a topic
- **Delete:** Deletes a topic from the list.

Language

Select 'Menu → 1.Messages → 8.Broadcast → 4.Language' and press the [Ⓜ] key.

You can choose your preferred languages.

Note: The language vary on the regions.

Memory Info

Select 'Menu → 1.Messages → 9.Memory Info' and then press 'OK' key.

There is lots of information about available memory of the 'SIM' or 'PHONE'



2. Contacts

You can make your personal contacts, which can be added or deleted at any time. You can save up to 254 contacts in the SIM or up to 800 contacts the handset memory.

Search

Name Search

Select 'Menu→2.Contacts→1.Search→1.Name Search'. Searches for the phone number from the Contacts in the following procedure.

1. Input a name and press the [⊕] key. The contact list is shown and the cursor is placed on the item that matches your input data.
2. Press the [⏪/⏩] key to view the recorded numbers.
3. Press the [⊕] key to view all.

Press the [Option] Soft key [⏪] to;

- **Send Message:** Sends a message to a selected one.
- **Edit:** Raises the Edit Contacts window to edit a content.
- **Add to Speed Dial:** Adds to Speed dial.
- **Move:** As far as the selected number stays in the handset memory, it can be moved to the SIM card at any time.
- **Delete:** Deletes the selected item.
- **Language:** You can select a language to be displayed on the phone.
- **New Contact:** Goes to Add Contact.

Group Search

Select 'Menu→2.Contacts→1.Search→2.Group Search'. Searches for the phone number of each group.

Add Contact

Select 'Menu →2.Contacts→2.Add Contact'.

Adds contact information of other people. Initially, the empty field with gray colour will appear until you input some text.

Depending on the 'Memory in Use' setup, the following fields will be displayed.

- **Phone:** Name, Mobile, Home, Office, Fax, Groups, Melody, Email, and Memo.
- **SIM Card:** Name, Mobile
- **Phone or SIM:** Selects the saving location – handset or SIM.

Speed Dial

Press the number in the **Contacts** in the standby mode for **Speed Dial**.

To add Speed Dial, use [Add to Speed Dial] option. The **Speed Dial** number ranges from No. 2 to No. 99, totalling 98 dials.

Groups

Select 'Menu→2.Contacts→4.Groups'.

Changes the settings for the five predefined caller groups.

Default Groups: **No Group, Family, Friends, Business, VIP**

You can change the group ring tone by pressing [**Group Ring Tones**] in the option menu.

You can also add your preferred new groups by pressing the [**Right**] key, on top of the predefined 5 groups.

Memory In Use

Select '**Menu>2.Contacts>5.Memory In Use**

Decides where to save the contents.

Phone or SIM, Phone, SIM Card.

Phone or SIM : Select the saving location – your phone or SIM **[2.5.1]**

Phone: Saves the contact information to the handset memory. **[2.5.2]**

SIM Card: Saves the contact information to the SIM Card. **[2.5.3]**.

Copy All

Select '**Menu>2.Contacts>6.Copy All**

Phone to SIM: Allows you to copy the numbers saved in the **Phone to the SIM**.

SIM to Phone: Allows you to copy the number saved in the **SIM to Phone**.

Delete All

Select '**Menu>2.Contacts>7. Delete All**

Deletes all information saved in **Phone/ SIM Card**.

Deletes all information saved in Phone or SIM Card.

Phone

Deletes all information saved in Phone

SIM Card

Deletes all information saved in SIM Card.

Memory Info

Select '**Menu>2.Contacts>8.Memory Info**

Displays the status of the **Phone/SIM memory** in use.


Service Number

This feature may not be available depending on your **SIM card**.


The list of numbers in the SDN (Service Dial Number) will be displayed.

If necessary, scroll to a number by pressing the [**Up/Down**] key and press the [**Call**] key to dial the number.

3. Call Logs

Press the [] key to see the recent call logs in the standby mode or select 'Menu -> 3.Call Logs'.

This function displays missed calls, received calls, and dialled calls. You can delete a call log and see the information of the call timer, call cost, and GPRS Info in this menu.

Note: If Contact contains the phone number that you want to dial, the name will be displayed, or phone number, date, and time will be displayed alternately in Call Screen. Press [], when the cursor placed on the number or name to dial.

Missed Calls

Select 'Menu->3.Call Logs->1.Missed Calls'.

Displays the missed calls list accompanied by the time and date of the missed calls as well as the number or name of the caller.

Press the [Navi-Up/Navi-Down] key for selection.

Press the [Option] Soft key [] to:

- **Save Number:** When the call is not found in Contacts, this menu will be created.
 - **Send Message:** Sends a message to the missed call.
 - **Delete All:** Deletes all missed call records from the list.
- Delete:** Deletes the missed call record indicated by the list.

When the call is not found in Contact, the [Save Number] option will be created.

Received Calls

Select 'Menu->3.Call Logs->2.Received Calls'.

Displays the received call list accompanied by the time and date of the received calls as well as the number or name of the caller. Press the [Navi-Up/Navi-Down] key to select.

Press the [Option] Soft key [] to:

- **Save Number:** When the call is not found in Contacts, this menu will be created.
- **Send Message:** Sends a message to the missed call.
- **Delete All:** Deletes all missed call records from the list.
- **Delete:** Deletes the missed call record indicated by the list.

Dialled Calls

Select 'Menu->3.Call Logs->3.Dialled Calls'.

Displays the Dialled calls list accompanied by the time and date of a dialled call as well as the number or name of the receiver. Press the [Navi-Up/Navi-Down] key for selection.

Press the [Option] Soft key [] to;

- **Save Number:** When the call is not found in Contacts, this menu will be created.
- **Send Message:** Sends a message to the dialled call record.
- **Delete All:** Deletes all the dialled call record from the list.
- **Delete:** Deletes the dialled call record being indicated by the list.

When the call is not found in Contact, the [Save Number] option will be created.

Recent Calls

Select 'Menu>3.Call Logs>4.Recent Calls'.

The list of all recent calls including **Missed Calls/Received Call/Dialed Calls** are displayed..

Press the [**Option**] Soft key [**↵**] to:

- **Save Number**: When the call is not found in Contacts, this menu will be created.
 - **Send Message**: Sends a message to the dialed call record.
 - **Delete All**: Deletes all the dialed call record from the list.
- Delete**: Deletes the dialed call record being indicated by the list.

Delete Call Logs

Select '**Menu→3.Call Logs→4.Delete Call Logs**'.

It deletes the missed, received, or dialed calls or deletes all the call records with '**All Calls**'.

Press the [**Yes**] Soft key [**↵**] or [**No**] Soft key [**↵**] to execute or cancel this function.

Missed Calls

Delete all **Missed Calls**.

Received Calls

Delete all **Received Calls**

Dialed Calls

Delete all **Dialed Calls**

All Calls

Delete **All Calls** (**Missed Calls / Received Calls / Dialed Calls**).

Call Timer

Select '**Menu→3.Call Logs→5.Call Timer**'.

Notifies the information on call time.

- **Last Call Time**: Date and Time.
- **Received, Dialed, Total Call Time**: Call Time only.

- **Reset Call Times**: Initializes call timer. Press the [**⏸**] key and input the phone password. And then press the [**⏸**] key one more time.

Call Cost

Select '**Menu→3.Call Logs→6.Call Cost**'.

Records the information on call cost, and limits the call charge to prevent overcharge.

Last Call Cost

- **Last Call Cost**: Displays the cost of the last call.

Total Call cost

- **Total Call Cost**: Displays the cost of all calls.

Clear Logs

- **Clear Logs**: Inputs PIN2 to delete all the logs of call cost.

Max Cost

- **Max Cost**: Reads or sets up the maximum call cost . This function has the following sub options.
 - **Read Limit**: Reads the maximum cost set currently.
 - **Set Limit**: Sets up the maximum cost.
- **Cost Unit**: Reads or sets up the unit defined in a service area. This function has the following sub options.
 - **Read Units**: Reads the cost unit.
 - **Set Units**: Sets up the current cost unit and the cost per unit.

Cost Unit

GPRS Info

Select '**Menu→3.Call Logs→7. GPRS Info**'.

It displays the GPRS data transmission capacity.

Current Info

- **Current Info:** Displays the total transmission Kbytes at the moment.

Last Info

- **Last Info:** Displays the total Kbytes of the last transmission.

Total Info

- **Total Info:** Displays the total transmission Kbytes since connected.

Clear Logs

- **Clear Logs:** Deletes the log related to GPRS.



4. Media Gallery

Select 'Menu→4.Media Gallery'.

You can manage the files downloaded via the WAP browser or Pcsynch program here..

In addition, it supports many types of DRM (Digital Rights Management) such as Forward Lock, Combined Delivery and Separate Delivery.

Photo Gallery

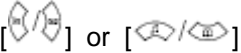

See Photo Gallery [5.1.2] for more information.

Image Gallery



You can view or edit images stored in your handset.

1. Select 'Menu→4.Media Gallery→2.Image Gallery' to get the list of the available images.

2. Select the [Large] Soft key to display two images at a time in the

thumbnail view. Press the  or  keys to view the other images in the thumbnail view.


3. Select the [List] Soft key to be back to the list.

4. For the DRM (Digital Rights Management) content files if you have Consuming Rights, you can see the extra  icon. If the Consuming Rights are expired,  icon will appear. In the Thumbnail view, an

enlarged DRM  icon will be displayed instead of the image itself.

5. Press [OK] to enlarge an individual image.

Image Gallery Options

Press the [Option] Soft key  in the list mode or the Thumbnail view mode to perform one of the following options.

- **Information:** Views the information on an image file.
- **Rename:** Renames an image.
- **Delete:** Deletes an image.
- **Delete All:** Deletes all the images in the Image Gallery.
- **Set as Wallpaper:** Sets the image as your wallpaper. To set a DRM image file as the wallpaper, you have to open the image first, then this option will be available in the [Option] menu.
- **SMS:** Adds the selected image into a SMS message. If you select a DRM protected image or any images whose mime type cannot be supported by EMS, this option will be disabled.
- **MMS:** Adds the selected image into a MMS message. For DRM protected images, this option will be disabled.
- **Show Rights Status:** Shows the right object status of the selected DRM file.
- **Sort by:** Arranges the images in the following order.
 1. Sort alphabetic.
 2. Sort by size
 3. Sort by type
 4. Sort by date
- **Multi-select Mode:** This option is enabled in the list mode only. This allows you to select/deselect multi-images to perform an action (mainly delete).
- **Browser Rights Objects:** Shows the right objects for files currently stored in the phone. For DRM protected files, this option displays a list of right objects.

Image Options in Multi-select mode

- **Select All:** Selects all image files in Image Gallery.
- **Delete All :** Deletes all image files in Image Gallery.
- **Delete All Selected:** Deletes all selected image files.
- **Sort by:** Sorts the selected image files.

- Exit: Exits Multi-select mode.
- Browser Rights Objects: Shows the right objects for image files.

Sound Gallery

You can playback sound files stored in your handset.

1. Select 'Menu→4.Media Gallery→3.Sound Gallery ' to get the list of the available sounds.
2. Press [OK] to play a sound.
3. For the DRM (Digital Rights Management) content files, if you have Consuming Rights, you can see the extra [🔒] icon. If the Consuming Rights are expired, the [🔓] icon will appear.

Sound Gallery Options

Press the [Option] Soft key [🔑] key to perform one of the following options for sound files.

- Option: Information, Rename, Delete, Delete all, Set as Ringtone, SMS, MMS, Show Rights Status, Sort By, Multi-select Mode, Browser Rights Objects

(Please refer to the Image Gallery Options for each function description.)

Other Files

You can store and handle files with other MIME types rather than image or sound MIME types.

Press the [Option] Soft key [🔑]key to perform one of the following options for the files with any mime type concerned.

- Option: Information, Rename, Delete, Delete All, MMS, Show Rights Status, Sort by, Multi-select mode, Browser Rights

Objects

(Please refer to the Image Gallery Options for each function description.)

Memory Info

This will display not only the information of the total memory available, memory used, memory free, but also the various memory usages of Photo,Image, Sound, Java, MMS and System.

Note: The 'System' memory information refers to the total used memory for the reserved objects, user-defined wallpapers, sticker images, and so on.

5. Multimedia

5.1 Camera

This phone has a built-in 300K pixel camera, which enables you to enjoy taking pictures in various ways. You can also send a multimedia message to your friends or family with a photo. Please refer to the following instructions for your information about the camera functionality.

5.1.1 Take a Photo

5.1.1.1 Snapshot mode

1. Select 'Menu->5.Multimedia->1.Camera->1.Take a Photo' in the menu in sequence.

* Tip: You can also directly move to the snapshot by pressing the camera key from the idle screen.

2. Locate the object on the screen as you wish to take a photo. To change the shooting mode, press the right softkey **[Right]**.

Shooting Mode	Icon	Description
Single Capture		Take a single photo at a time.
Multi Capture		Take multiple photos at a time. You can set the number of photos to be taken at a time by selecting the [Multi-shot] option in Option menu.
Sticker Capture		Take a photo with a built-in sticker image. The photo size will be fixed with 128x128.

3. Press **[OK]** key  to take the picture.

To zoom in or out, use the side keys **[Up / Down]**.

4. Preview your picture taken. To re-take a photo, press the clear key or the right softkey **[Cancel]**.

If the photo is taken with Multi Capture mode, you can use **[Mark]/[Unmark]** to select the photos that you want to save.

5. Press **[OK]** key to save your photo. In Save Option, you will be able to edit the photo name, together with the location of the photo to be saved.

If the photo is taken with Multi Capture mode, the photo(s) will be automatically named but you will be able to choose the location of the photo(s) to be saved.

Advanced Camera Functions

Function	Description	Key
Brightness	Adjust the brightness with 7 different levels (from Lv.0 to Lv.6)	[Left / Right] navi. key
Zoom	Change the zoom levels with 14 different levels.	[Up / Down] navi. key or sidekeys

5.1.1.2 Camera Options

Press the **[Option]** soft key to perform the following functionalities. Each setting value can be also changed in **Multimedia → Camera → Settings**.

- **Goto Album:** You can go to **Photo Gallery**.
- **Image Size:** You can change the photo size.

LCD (128x128), QVGA (320x240), VGA(640x480).

Note: In Sticker Capture mode, the photo size will be fixed with 128x128 only.

- **Self Timer:** Change the **self-timer** value, either none, 5 or 10 seconds. If this value is set, the photo will be taken after a certain time is passed.
- **Multi-Shot :** You can change the number of photos to be taken at a time in Multi Caption mode. It can be one of **3, 6 or 9**.
Note: this option will appear only when Multi Capture mode is selected.
- **Sticker :** You can select a sticker image among 10 different images.
Note: this option will appear only when Sticker Capture mode is selected
- **Effect:** You can apply an effect to the photo. You can choose an effect among 9 different effects; **Normal, Warm, Sepia, Antique, Moonlight, Fog, Negative, B&W and Embossing**.
- **OSD :** Turn on or off the display, showing the current settings on the screen.

5.1.2 Photo Gallery

Select 'Menu→5.Multimedia→1.Camera→2.Photo Gallery'
or 'Menu→4.Media Gallery → 1.Photo Gallery' to access the **Photo Album** List. You can manage the photo albums and the photos saved in your phone here.

5.1.2.1 Photo Gallery Options

You can create up to 5 different photo albums (including the default album 'My Photo') and manage the photo albums by the various options.

Press the [**Option**] Soft key to perform the following options.

- **Rename :** Renames a created user album.
- **Delete :** Deletes a created user album.
- **Create New :** Creates a new album.

Note: The default album, 'My Photo', cannot be renamed or deleted.

Select an album from the list and press [**OK**] to view the photos stored in the album.

Use the left softkey [**List**] / [**Large**] to change the view mode or press [**OK**] key to enlarge a selected photo.

5.1.2.2 Photo-specific Options

To perform a photo-specific options, press the [**Option**] soft key in the photo album. There are 8 options available for photos.

- **Information:** Displays information of a photo image.
- **Rename:** Renames a photo image.
- **Delete:** Deletes a photo image.
- **Delete All:** Deletes all photo images in the album. The album will be also deleted.
- **Set as:**
 1. **Wallpaper** – Set the photo image as wallpaper in the main screen.
 2. **Contacts** – Assigns a photo image to a Contact.
- **MMS:** Adds the selected photo image into a MMS message
- **Sort by:** Arranges the images in the following order.
 1. **Sort alphabetic**
 2. **Sort by size**
 3. **Sort by type**
 4. **Sort by date**

5.1.3 Settings

Change the default camera option settings.

- **Image Size:** Changes the size of photo images to be taken.
LCD (128x128), QVGA (320x240), or VGA (640x480).
- **Shutter Sound:** Changes the shutter sound.
Shutter, Cheese, Smile, 321, Whisky, or Off

- **Self Timer:** Change the self-timer value, either none, 5 or 10 seconds. If this value is set, the photo will be taken after a certain time is passed.
- **Auto Save:** When this value is on, the taken photo will be automatically saved with a default name in the default album, 'My Photo'.
- **Multi-Shot :** You can change the number of photos to be taken at a time in Multi Caption mode. It can be one of 3, 6 or 9.

Note: this option will appear only when Multi Capture mode is selected.

5.2 Java

This phone is Java-enabled, and you can play various Java games supported by this phone. You may use either the WAP browser or PC-Sync program to search for and download Java games.

If you choose to use the WAP browser to download, the downloaded Java files (JAD & JAR files) will be automatically installed by the integrated installer. After finishing the installation, you can find the installed games at the Java Game List [5.1.1].

If you use the PC-Sync program to download, however, you have to manually install the downloaded Java files by using the [Installation List] of the Option menu. For the manual installation, please refer to the Java Options [5.1.2] and Java installation [5.1.3] for more information.

PG1310V includes one pre-installed Java game, AquaPangPang, for your play.

Java Game List [5.2.1]

To see which Java games you have, select 'Menu>5.Multimedia>1.Java'. To execute a game, select a game with the navigation key and press [OK] or press the [Option] Soft key, select [Run] and press [OK].

Java Options [5.2.2]

There are 4 options available for Java. To see the list of these options, press the [Option] Soft key in the Java Game List.

You may choose each option menu to perform the following functions;

Name	To:	How-to:
Installation List	Install a game	Press the [Option] Soft key and select [Installation List] and press [OK].
Run	Execute a game	Press the [Option] Soft key and select the [Run] and press [OK].
Delete	Delete a game	Press the [Option] Soft key and select the [Delete] and press [OK]. * The pre-installed game cannot be deleted.
Info	See game info	Press the [Option] Soft key and select the [Info] and press [OK].

Java Installation [5.2.3]

When you download Java files (JAD & JAR files) with the PC-Sync program, [Installation List] at the Option menu will be enabled. Select the [Installation List] option, and then the Installation List will be displayed. This Installation List will contain all the Java game files you have downloaded but not yet installed. To start the installation process, select a file in the list with the navigation key and press [OK], or press the [Option] Soft key and select [Install].

5.3 Memory Info

This will display the memory usage information. Scroll down/up to see how much memory space each application is using and how much memory space is available for your future use.



6. Settings

Select 'Menu→6. Settings'.

You can set up various handset functions at your choice in the **Settings** menu.

Display Settings

Select 'Menu→6.Settings→1.Display Settings'.

You can change the image or colour of the display composition at your choice or by necessity.

Main Screen

Select 'Menu→6.Settings→1. Display Settings→1.Main Screen' and press the [⏏] key.

You can change the background image of the main screen.

Wallpaper

- Wallpaper: Sets up Wallpaper

Default Image

- Default Image : The default one cannot be deleted permanently

Image Gallery

- Image Gallery: Wallpaper can set an image to the user image of Wallpaper in Media Gallery/Image Gallery.

-

Wallpaper Type

- Wallpaper Type: Digital Clock 1/ Digital Clock 2 /Greeting/D-Day

Greeting

Select 'Menu→6.Settings→1.Display Settings→3.Greeting' and press the [⏏] key.

Startup

You can set up the greeting message during startup or standby mode.

Idle

You can set up the idle message.

Backlight

You can set up the 'Backlight'.

Press the [⏏] key to change the value that is displayed when you select 'Menu→6.Settings→1.Display Settings→4.Backlight' and press the [⏏] key.

Service Light

This menu displays the On Service status in the external LED. You can set up the colour at your choice in this menu. .

Select 'Menu→6.Settings→1.Display Settings→4.Service Light' and change the value with the [⏏] key, and then press the [⏏] key.

Sound Settings

Displays the activated list in the profile.

Ring Tone

'Go to Menu → 6.Settings → 2. Sound Settings ->Profile Menu' and press the [Right] key. Then select 1.Ring Tone. You can choose the preferred ring type, volume and melody.

- Ring Type: Ringing, Vibration, Vib then ring, Vib and Ring, Ascending or None(Quiet)
- Ring Volume: 5 different levels
- Sound: Sound has several groups such as Melody Sound, Bell Sound and Voice Sound. User Sound keeps the melody, which is Set as Ringtone from ' 4.Media Gallery → 2.Sound Gallery'.

Message Alert

You can select the preferred volume and reminding period.

- Reminder: Use the [Left/Right] key to select Every 2 Mins, Every 5 Mins.
- Sound: Use the [L/R] key to set Message Bell2, Bell3.

Key Tone

You can select the keypad sound to be used for dialing or in the menu screen.

- Tone Type: You may turn the key tone on or off.
- Ring Volume: Controls the volume by 5 levels.
- Sound: Selects a key tone.

Flip Open Tone

You can select a sound effect of open or closing the flip.

- Tone Type: Turns the key tone on or off.
- Ring Volume: Controls the volume by 5 levels.
- Sound: Sets Bell1, Bell2, Bell3 to Folder Open/Close Tone

Sound Effect

Turns on or off the default sound effect.

- Menu Moving: When you change a menu with the Navigation key.
- Power On & Off: When you turn the power on or off.
- Option Popup: When you press the [()] key to see the popup window.
- Call Connection: When you dial or hang up.
- WAP Connection: When you connect or terminate WAP.
- Hour Alert: A sound effect every hour.
- Minute Minder: A sound effect every minute while you are on a phone call.
- Popup Alert: A warning, error, information or question sound effect.

Profile Name

Edit Profile Name

Reset

Select the Reset menu from the Profile Sound editing screen and press [Yes] to initialize all the sound related values in the profile.

Call Settings

Select 'Menu→6.Settings→3.Call Settings'.

Call Divert

Select 'Menu→6.Settings→3.Call Settings→1.Call Divert'.

This menu allows you to divert incoming calls to other numbers. You can choose from **All Calls**, **When Busy**, **On No Answer**, **When Not Found**, and **Cancel All**. All the options except **Cancel All** share the flow shown below, while **Cancel All** cancels all Call Diversions

Ex) **All Calls**

- **Activated**: Selects 'Activated' to convert all the services from the network such as **Voice Calls**, **Data**, **Fax**, and **Messages**. Input a number and press the [☎] key to transmit the setup value to the network.
- **Deactivated**: Deactivates Divert.
- **Status**: Displays the current setup status
- **By Service**: If your network supports such function, you may divert a specific type of call into another number. "All Services" can divert all the calls or select one from **Voice Calls**, **Data**, **Fax**, and **Messages**. Select "All Except Msgs" to divert all but Message Service.

All Calls

Diverts all incoming calls to other numbers.

When Busy

Diverts an incoming call during a call to another number.

On No Answer

If the user doesn't answer the incoming call, diverts the call to another number.

When Not Found

When the user's phone is "Not Reachable," diverts the incoming call to another number.

Cancel All

Cancels all Call Diversions

Answer Type

Select 'Menu→6.Settings→3.Call Settings→2. Answer Type'.

You can set up the call receiving method. Use the [☎] key to set the call receiving method. And Press the [☎] Key to save.

- **Send Key**: You can answer incoming call by pressing the [☎] key.
- **Any Key**: You can answer incoming calls by pressing any key, except the [☎] key and the [Reject] Soft key.
- **Folder Open**: You can answer incoming call by opening the phone folder.
- **Auto Answer**: Your handset automatically answers calls after 10 seconds. This feature is available only when the handset is connected to the ear jack.

Auto Redial

Select 'Menu→6.Settings→3.Call Settings→3.Auto Redial'.

This is an **Auto-Redial** function in case of call drop.

- **On**: Sets up **Auto Redial**.
- **Off**: Cancels **Auto Redial**.

Call Waiting

Select 'Menu→6.Settings→3.Call Settings→4.Call Waiting'.

The call waiting function informs you of the reception of the second call.

Activate

- **Activate**: Sets up **Call Waiting**

Deactivate

- **Deactivate**: Cancels the preset **Call Waiting**.

Status

- **Status**: Informs the setup condition.

Send Caller ID

Select 'Menu→6.Settings→3.Call Settings→5.Send Caller ID'.

You can see an incoming call number (with the caller's name if it is stored in Contacts) or let the caller to identify your number. This service is dependent on the network. Please ask the network provider.

Own Number

Select 'Menu→6.Settings→3.Call Settings→6. Own Number'.

The number of **Own Number** can vary (up to 4) depending on the **SIM**.

Language

Select 'Menu→6.Settings→4.Language'.

You can select the language to be displayed on the handset.

Note: 'Automatic' selects the language previously stored in your SIM.

Time & Date

Set 'Menu→6.Settings→5.Time & Date'.

You can set up Time, Date, and Date Format.

Favorites

Select 'Menu→6.Settings→6.Favorites'.

The Favorites menu designates your favorites additionally.

You can access to the menus down to 2 level and Media Gallery cannot be deleted because it is a default.

The [📁] key means ADD with no item or Go to with an item.

Network Selection

Select 'Menu→6.Settings→7.Network Selection'.

You can select Automatic or Manual.

Security Settings

Set 'Menu→6.Settings→8.Security Settings'..

Security Settings enables you to restrict the use of your handset to the people and types of calls of your choice.

Various codes and passwords are used to protect the features of your phone. They are described in the following sections. See also Access code at the Appendix.

The Security function keeps your handset and SIM Card away from the unauthorized hands and you may set up a password for your handset or make the **Call Barring** service and **Fixed Dialling** mode.

SIM Lock

Press the [OK] Key, and choose one for setup using [Left/Right] key.

You should input the password when entering the sub-menu under Security Settings. If you fail to input the correct PIN1 and PIN2 number for 3 times continuously, you will be prompted to input the PUK number.

- **Lock:** You should input PIN1 to access the main menu after power on.
- **Unlock:** You don't have to input PIN1 to access the main menu after power on.

Change PIN

Changes the PIN number.

Phone Lock

Once selected, this option locks your phone until you input a right password. Press the [🔒] key after you input the password.

Change Password

Changes a password. Default Password is **1234**.

Application Lock

Input the password and select an application and then, press the [OK] key to lock the application.

Call Barring

You can set the limitation of making a certain call.

- **International Calls:** Limits an outgoing and incoming international call.
 - **International Calls:** Limits an outgoing and incoming international call.
 - **Outgoing Calls:** Limits to local/home calls only.
 - **Incoming Calls:** Limits all incoming calls.
 - **Incoming Calls when Abroad:** Limits all international incoming calls.
 - **Int.Calls Except to Home Country:** Limits other international calls except home country.
 - **Clear All:** Cancels all the barring settings.
 - **Change Password:** Replaces the old password with new one.

CUG (Closed User Group)

Sets up the group of the numbers that you want to dial or receive. Select CUG name and press [↵] to see the CUG name list as you input.

Press the [Option] Soft key [↵] to;

- **Delete**: Deletes the preset CUG Identifier.
- **Edit**: Edits CUG Identifier.
- **Add**: Lists up a new CUG name in the Index list.

NOTE: Without existing record, the [↵] key would turn into [Add] and move to the name input screen for a new CUG registration.

Fixed Dialling

Fixed Dialling is a service that limits your access to the specific numbers in the Phonebook list recorded in SIM. Input PIN2 to set up or cancel this service.(up to 3 times) (On, Off)

- **On**
- **Off**
- **Fixed Dial List**: Displays the numbers recorded in the Fixed Dialling list

Change PIN2

Changes PIN2.

System Reset


Deletes all user settings and data from your handset and initializes it as if it were just shipped out of the factory.

Input the phone password and press the [↵] key to reset.

Default password is 1234.

Software Version

Allows you to check the current software version.



7. Organiser

Select 'Menu→7.Organiser'.

Organiser provides various functions including alarm setting, main event record, memo(text,voice), world time, calculator, unit convertor, stop watch, timer and fatness checker.

Alarm

Select 'Menu→7.Organiser→1.Alarm'.

You can set an alarm to sound at up to 5 specific times.

(Once you set the On Morning Call, an icon appears.)

To set an alarm

Select 'Menu→7.Organiser→1.Alarm' to display the current alarm list.

Select the alarm to set and press the [⏸] key.

Press the [New] Soft key in the list to set a new alarm with the edit alarm screen.

Press the [Option] Soft key [⏸] to;

- **Delete**: Deletes an Alarm from the list.
- **Delete All**: Deletes all Alarms in the list.
- **On Snooze / Off Snooze**: The alarm that is set to Snooze rings every 5 minutes for 3 times. Only one alarm can be set to **On Snooze**.
- **New**: Creates a new alarm.

Press the [⏸] key to edit Alarm, and then press the [🔔/🔕] key in the 'Edit Alarm' screen to set up **Set**, **Time**, Melody or **Wakeup Call**.

Wakeup Call : Alarm always ring regardless of the ring type, vibration or whatever.

Press the [⏸] key edit Alarm, and then press the [🔔/🔕] key in the 'Edit Alarm' screen to set up **Set**, **Time**, or **Melody**.

Press the [AM] / [PM] / [24H] key to select **AM** or **PM** or **24H** of the time for setup.

In case of Melody type, press the [📧] key to enter **Sound Gallery** to select a melody.

Calendar

Select 'Menu→7.Organiser→2.Calendar'.

Calendar helps you to manage your schedule including your time for call or special day. Alarm service on a set date is also included in this function.

Calendar consists of Monthly View, Daily View, and Event View & Edit.

Monthly View

To	Press the
Move to another day	[⏪] Previous Day
	[⏩] Next Day
Move to another week	[🗓️] Previous Week
	[🗓️] Next Week
Move to the previous or next month	[📅] Previous Month
	[📅] Next Month


Select '7.Organiser→2.Calendar' from the menu to display the Monthly

View.

Press the [**New**] Soft key to add a new event.

Press the [**Option**] Soft key [] to;

- **Go to Date**: Moves to the set date.
- **Go to Today**: Moves to today for selection.
- **View All Events**: Shows all of your scheduled events
- **Del Past Events**: Deletes your past scheduled events.
- **Del All Events**: Deletes all of your scheduled events.
- **Memory Info**: Displays the number of stored event, not more than 30.
- **New**: Adds a new event.


Use the Navigation key to select the date and press the [] key.


On a date with any schedule registered, move to Daily View to check the schedule.

On a date with no registered schedule, add a new schedule.

Any event registered on a date will be displayed at the bottom of LCD in the form of an icon.

Daily View

Shows the list of schedules registered on a date. Select a date and press the [] key to view or edit the details of an event.

Press the [] key to move between dates.

Press the [**Option**] Soft key [] to;

- **Delete**: Deletes an event.
- **Move Date**: Transfers an event to a specific date.
- **Delete All**: Deletes all events.
- **On D-day / Off D-day**: Sets up or cancels D-day.
- **New**: Adds a new event.


Note: When you select D-day in Wallpaper Type, 'D-Date, Event Memo Content Part' will appear in the standby screen.

Upon setup of a new D-day, the existing D-day is automatically deleted.

Event View & Edit

Shows the registered schedules item by item and edit the schedules or create a new schedule.

Create New Event (by View & Edit)

- ① Select a day from Monthly View and press the [**New**] Soft key.
- ② Upon appearance of the **New Event** screen, select and input an event item by item for registration.
- ③ After input, press the [] key to save the event.

Note: Maximum Quantity of Schedule for Registration: 30
Maximum Daily Quantity of Schedule for Registration: 7
Period of Registration: 01/01/2000 ~31/12/2099


Memo

Text Memo

Select '**Menu -> 7.Organiser -> 3.Memo->1.Text Memo**'.

Save short notes in your phone.

Press the [**Option**] Soft key [] to;

- **Edit**: Edits the part at your choice, and you can press the  key to save.

* Tip: Press the  key and **Edit** Soft key to return to the editing screen.




- **Delete/Delete All**: Deletes any or all items.

Voice Memo

Select 'Menu -> 7.Organiser -> 3.Memo->2.Voice Memo'.

The Voice Memo function records your voice message. You can use Record, Stop, Play, and Save for voice recording and playback. You can use the Text Editor for title input.

Record

- ① Select New from the option menu and press the  key.
- ② Press  to terminate the recording process and press the **[Play]** Soft key to hear the recorded data.
- ③ Press , input a name, and press the **[OK]** Soft key to record data.

* **Tip**: When the memory is full, the "Memory Full" message will appear and returns to the upper menu.

Play

Select an item and press  to start playing immediately.

Press the **[Option]** Soft key  to:

- **Delete**: Deletes the selected voice memo.


- **Delete All**: Deletes all voice memos.
- **Rename**: Renames the voice memo.
- New**: Creates a new voice memo.

World Time

Select 'Menu→7.Organiser→4.World Time'.

This function informs you of the world time.

Press the **[Option]** Soft key  to:

- **On/ Off Day Light Saving**: The Day Light Saving function fits the time of the countries in summer who enforce Summer Time. Select Day Light Saving from the option menu for setup. The icon for the country with Summer Time will be activated.
 -  Displays the Summer Time Saving function is on.

* Tip: Summer Time sets the clock one hour fast.



- **Set as Local**: Press the **[Set]** Soft key or select **[Set as Local]** from the option menu and Target Area will replace with the current Home Area.



Calculator

Select 'Menu→7.Organiser→5.Calculator'.

Your handset has a Calculator function. Calculator provides 4 basic operations like +, -, x, and /.

Press number keys and direction keys to input a formula and press the **[=]** Soft key to display the result.

* **Tip**: Press the  Soft key to input a decimal point. Press the  Soft key to reset the formula.



Press the  key short to delete a text of the formula and press the  key long to delete the whole formula.


Converter

Select 'Menu→7.Organiser→6.Converter'.

Converter converts a figure between different units in Length, Area, Volume, Weight, and Temperature.


Select one among Length, Area, Volume, Weight, or Temperature.

Press the [] key to move to the next line, press the [] key to select a target unit, and press number keys to input numbers.

Press the [] key again to move to the next line and select a result unit and you will get a right answer.

You will get right answer by press number keys or change units.

* **Tip:** The result is automatically recalculated upon the change of the unit or value.



Press the [] Soft key to input a decimal point.

Stop Watch

Select 'Menu→7.Organiser→7.Stop Watch'

Stop Watch measures the time for all sorts of sports.

Press  to operate Stop Watch.


Press  to pause Stop Watch and press  to restart Stop Watch.


Whenever you select the [**Lap**] Soft key, the 2 lap times as a maximum are displayed. Press the [**Reset**] Soft key to initialize all.

Timer

Select "Menu -> 7.Organiser -> 8.Timer".

Press the [**Set**] Soft key to input a hour, minute and second for countdown and press the [**OK**] key for setup.

Press the  key after input and the displayed time will start

counting down. Now, press the  key to pause the

countdown and press the  key to restart the countdown.

After the preset time, an additional animation and alarm

sound will be provided. Press the [**Stop**] Soft key to pause both.

Press the [**Set**] Soft key to return to the initial state while Timer is out of operation. When the alarm is ringing with animation at the set time, stop their motion to return to the initial state.

Fatness Checker

Select "Menu -> 7.Organiser -> 9.Fatness Checker"

This function enables you to easily check your physical condition, which is affected by your weight changes, by displaying the fatness level and BMI index based on your height and weight data input by you.

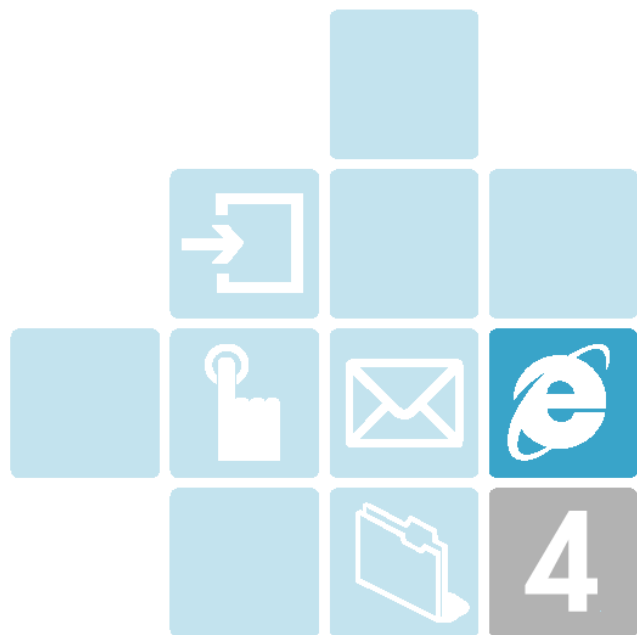
After inputting your height and weight, press the [**OK**] key to check your fatness level and BMI index.

Press the [**Option**] Soft key to:

- **Measure Again** : This function allows you to re-input your height and weight.
- **About Fatness** :Shows the fatness level determined based on the fatness value..
- **About BMI** : Shows the fatness level determined based on theBMI value.

NOTE: **Fatness** : Present weight ratio against standard weight.

BMI(Body Mass Index) : The Index of weight against height.



4. Advanced Functions


1. WAP

2. Unavailable

1. WAP

You can access the Internet with a **WAP** (Wireless Application Protocol) browser.


The descriptions below can vary according to your Network provider. Therefore, ask your Network provider for detailed information.

NOTE: Press the [] key short to access the WAP menu directly.

Home

This menu contacts the network to load the Wireless Web service provider homepage.

Recent Pages

You can see the WAP page list that you have recently accessed and access via [] key again. You can store up to 20 history and arrange in recent access order.

Press the [**Options**] Soft key [] to;

- **Delete:** Deletes a selected page from the List.
- **Delete All:** Deletes all recent pages from the list.

Bookmarks

You can bookmark an Internet address using the **WAP** browser just as you do with a PC Internet browser. You can store up to 20 bookmarks.

To register an URL and Name in the closest empty number of the Bookmark List, press the [**Add**] Soft key on the right.

To edit the URL and name of a selected bookmark, press the [**Edit**] Soft

key on the right.

- **Add:** Edits to register an URL and name as a new bookmark
- **Edit:** Edits the URL and name of a bookmark. or Add a new bookmark.

Note: This feature will not be available if the manufacturer provides a default bookmark..

Press the [Options] Soft key [()] to

- **Delete:** Deletes a bookmark from the List.

Note: This feature will not be available if the manufacturer provides a default bookmark.

- **Send Link:** The bookmarked URL automatically composes the SMS message text.

To go to the related site, press the [O] key.

Go to URL

This menu allows you to access by directly entering the URL you want to access.

Profiles

Note: (The parameter settings are already entered as required by the service provider. Care should be taken when you make any modifications to a profile since it may cause WAP to be inoperative.)

Selects or edits the Connection Profile supplied on the phone.

There are three types of profiles as follows:

- Privileged Profile: Default profile entered in the factory production. You cannot modify.
- OTA Profile: Profile that you have received from your network provider or OTA service provider. You cannot modify.

NOTE: For detailed information, refer to [OTA Setting Service] item.

-Manual Profile: Profile that you can set.

NOTE: If Setting is not right it may become impossible to connect.

**To setup the selected profile, press the [⏏] key.
Press the [Options] Soft key [⏏] to:**

- **View/Edit:** Views and edits the selected manual profile and has the following sub-menus:
- **Rename:** Edits the selected profile name.

and [View/Edit] has the following sub-menus;

- 1 Homepage:** Pressing the [⏏] key allows you to enter the edit mode to edit the Homepage URL provided by the service provider.
- 2 Proxy Settings:** This menu allows you to set the Proxy.
 - 2.1 IP Address:** Pressing the [⏏] key lets you enter the edit mode to change the proxy IP address.
 - 2.2 Port Number:** Pressing the [⏏] key lets you enter the edit mode to change the proxy port number.
- 3 Bearer Type:** This lets you select the bearer type for each type of the network accesses. Using the left or right navigation key allows you to select from the two modes: GSM and GPRS.
- 4 GPRS Settings:** This menu allows you to set the GPRS network.
 - 4.1 APN:** It stands for Access Point Name. Pressing the [⏏] key lets you

enter the edit mode to change the APN.

4.2 Username: Pressing the [Ⓜ] key allows you to enter the edit mode to change the username.

4.3 Password: Pressing the [Ⓜ] key allows you to enter the edit mode to change the password.

5 GSM Settings: This menu allows you to set the GSM network.

5.1 Dial Number: Pressing the [Ⓜ] key allows you to enter the edit mode to change the dial number.

5.2 Line Type: This menu allows you to select the line type. Use the left or right navigation key to select from the two modes; ISDN and Analogue.

5.3 UserName: Pressing the [Ⓜ] key allows you to enter the edit mode to change the username.

5.2 Password: Pressing the [Ⓜ] key allows you to enter the edit mode to change the password.

6 DNS: Enter the IP address for the Domain Name Server. You may enter primary and secondary DNS. This function is available only when you are connected to HTTP.

6.1 DNS1: It stands for Primary DNS. Pressing the [Ⓜ] key allows you to enter the edit mode to change the IP address for DNS1.

6.2 DNS2: It stands for Secondary DNS. Pressing the [Ⓜ] key allows you to enter the edit mode to change the IP address for DNS2.

Cache&Cookie

1 Clear Cache: This menu provides the function to clean the data stored in the Cache (recently visited WAP pages).

2 Clear Cookies: This menu provides the function to clean the data stored in the Cookie (recently visited WAP pages).

Storage

You can see the list of the WAP offline pages saved during a WAP browsing. During a WAP browsing, to save the current page as an offline page, go to IV. Advanced -> 1.WAP -> 1.10 Navigating the WAP Browser and then see Storage.

Press the [Options] Soft key [7] to:

■ **Open:** Opens the saved offline page.

■ **Delete:** Deletes the saved offline page.

Press the [O] key to open the page.

Security

On selecting the sub-items of this menu, you are asked to input the PIN code of SWIM. If you fail to input the correct PIN code three times, the process is cancelled. By default, the PIN code has been set as '1234'. The SWIM indicates 'Software Wireless Identity Module'.

1.Certificates: Displays the list of the root certificates that have been saved, and allows you to open each of them to view or delete.

2 Change Auth. PIN: Changes the PIN code to use the SWIM. To change the PIN code, you must input a new code twice together with the existing value. You need to input at least 4 numbers, while you can input a maximum of 20 numbers.

3 Change SignText PIN: Changes the PIN code of SignText.

4 Session Info: Shows the information of the secure session currently connected.

5 Current Certificate: Shows the information of the certificate used in the secure session currently connected.

6 Contracts: Displays the list of the client certificates that have been saved, and allows you to open each of them to view or delete.

Version

This function is for viewing the software version of the WAP browser.

Navigating the WAP Browser

To scroll through and select browser items, press the [⏪/⏩] key until the item you want is selected, and then press the [⏴] key.

To return to the previous page, press the [⏮] key or [Back] soft key on the right.

NOTE: There may any page exist that does not allow you to return to the previous page.

Press the [Menu] Soft key [⏴] to;

- **Refresh:** Refreshes the current page.
- **Home:** Returns to the start-up homepage.
- **Add Bookmark:** Edits to register an URL and name as a new bookmark.
- **Bookmarks:** Same as IV. Advanced -> 1.WAP -> 1.3 Bookmark
- **Recent Pages:** Same as IV. Advanced -> 1.WAP -> 1.2 Recent pages
- **Go To URL:** Same as IV. Advanced -> 1.WAP -> 1.5 Go To URL
- **Send Link:** The current URL automatically composes the SMS message text.

- **Storage:** Selecting the first item allows you to save the current page as an offline page. The rest of features are the same as IV Advanced > 1. WAP > 1.7 Storage.
- **Session Info:** The menu appears only in a secure connection, and it shows the information of the secure session currently connected.
- **Current Certificate:** The menu appears only in a secure connection, and it shows the information of the certificate used in the secure session currently connected.
- **Media Gallery:** Views the Media Gallery.
- **Object Mode:** Reloads the current page in object mode. In object mode, the multimedia object included in the current page is only selected. You can save the selected object as a file and display the property information of the object.
- **NOTE:** Select [Menu] Soft key -> Exit Object Mode in the Object Mode screen to return to the original screen.

Navigating the WAP Browser in Object Mode

To scroll through and select object items, press the [⏪/⏩] key until the item you want is selected.

Press the [Menu] Soft key [⏴] to;

- **Save as:** Edits your file name and saves the file by pressing [O] key.
- NOTE:** Some special characters(' \', '/') are not allowed as a file name.
- **Exit Object Mode:** Exits the object mode and return to the original screen.
- **Object Properties:** Views the object name and size.

[OTA Settings Service]

OTA Provisioning

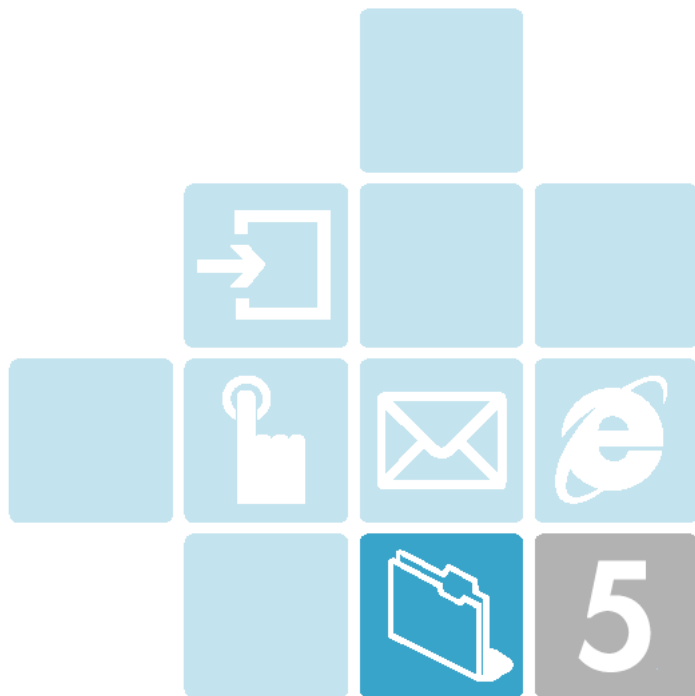
In order to use the WAP Browser & Multimedia Message(MMS), you need to have proper connection settings on your phone. You may add and/or edit the WAP/MMS Profile manually or receive the settings directly as a configuration message according to the operators and/or service providers, and in the latter case you need to save them on your phone. Please note that there should be some on-screen steps you need to follow to save and activate the settings.

Caution) Ericsson/Nokia OTA Provisioning format and OMA PROV v1.0 format are supported. If OTA Setting messages are incompatible with this phone, normal setting may not be accepted.



2. Unavailable

This menu can vary depending on SIM and the network services.



Appendix

1. Menu tree
2. Access Code
3. Check List
4. All about performance and safety
5. Glossary

1. Menu Tree

- 1 Messages
 - 1.1 Write New
 - 1.1.1 Text Msg.
 - 1.1.2 Multimedia Msg.
 - 1.2 Inbox
 - 1.3 Sent Box
 - 1.4 Draft Box
 - 1.5 Saved Box
 - 1.6 Templates
 - 1.6.1 Text Msg.
 - 1.6.2 Multimedia Msg.
 - 1.7 Settings
 - 1.7.1 Text Msg.
 - 1.7.1.1 Message Center
 - 1.7.1.2 Message Life Time
 - 1.7.1.3 Message Type
 - 1.7.1.4 Reply Path
 - 1.7.1.5 Status Report
 - 1.7.1.6 Save Message
 - 1.7.2 Multimedia Msg.
 - 1.7.2.1 Message profile
 - 1.7.2.2 Message Lifetime
 - 1.7.2.3 Auto Download
 - 1.7.2.4 Save Message
 - 1.7.2.5 Read Report
 - 1.7.2.6 Delivery Report
 - 1.7.3 Voice Mail
 - 1.7.4 Push Settings
 - 1.7.4.1 Push SL Settings
 - 1.7.4.2 Push SL On / Off

- 1.7.4.3 Push Security
- 1.8 Broadcast
 - 1.8.1 Receive
 - 1.8.2 Read Message
 - 1.8.3 Topic List
 - 1.8.4 Language
- 1.9 Memory Info
- 2 Contacts
 - 2.1 Search
 - 2.1.1 Name Search
 - 2.1.2 Group Search
 - 2.2 Add Contact
 - 2.3 Speed Dial
 - 2.4 Groups
 - 2.5 Memory in Use
 - 2.5.1 Phone or SIM
 - 2.5.2 Phone
 - 2.5.3 SIM Card
 - 2.6 Copy All
 - 2.6.1 Phone to SIM
 - 2.6.2 Sim to Phone
 - 2.7 Delete All
 - 2.7.1 Phone
 - 2.7.2 SIM Card
 - 2.8 Memory Info
 - 2.9 Service Dialing Number.
- 3 Call Logs
 - 3.1 Missed Calls
 - 3.2 Received Calls
 - 3.3 Dialed Calls
 - 3.4 Recent Calls
 - 3.5 Delete Call Logs

- 3.5.1 Missed Calls
 - 3.5.2 Received Calls
 - 3.5.3 Dialed Calls
 - 3.5.4 All Calls
 - 3.6 Call Timer
 - 3.6.1 Last Call Time
 - 3.6.2 Received Call Time
 - 3.6.3 Dialed Call Time
 - 3.6.4 Total Call Time
 - 3.6.5 Reset Call Times
 - 3.7 Call Cost
 - 3.7.1 Last Call Cost
 - 3.7.2 Total Call Cost
 - 3.7.3 Clear Logs
 - 3.7.4 Max Cost
 - 3.7.5 Cost Unit
 - 3.8 GPRS Info
 - 3.8.1 Current Info
 - 3.8.2 Last Info
 - 3.8.3 Total Info
 - 3.8.4 Clear Logs
 - 4 Media Gallery
 - 4.1 Photo Gallery
 - 4.2 Image Gallery
 - 4.3 Sound Gallery
 - 4.4 Other Files
 - 4.5 Memory Info
 - 5 Multimrdia
 - 5.1 Camera
 - 5.2 Java
-

- 5.2.1 Java Game List
- 5.2.2 Java Options
- 5.2.3 Java Installation
- 5.3 Memory Info
- 6 Settings
 - 6.1 Display Settings
 - 6.1.1 Main Screen
 - 6.1.1.1 Wallpaper
 - 6.1.1.1.1 Default Image
 - 6.1.1.1.2 Image Gallery
 - 6.1.1.2 Wallpaper Type
 - 6.1.2 Greeting
 - 6.1.2.1 Startup
 - 6.1.2.2 Idle
 - 6.1.3 Back light
 - 6.1.4 Service Light
 - 6.2 Sound Settings
 - 6.2.1 Ring Tone
 - 6.2.2 Message Alert
 - 6.2.3 Key Tone
 - 6.2.4 Flip Open Tone
 - 6.2.5 Sound Effect
 - 6.2.6 Profile Name
 - 6.2.7 Reset
 - 6.3 Call Settings
 - 6.3.1 Call Divert
 - 6.3.1.1 All Calls
 - 6.3.1.2 When Busy
 - 6.3.1.3 On No Answer
 - 6.3.1.4 When Not Found
 - 6.3.1.5 Cancel All
 - 6.3.2 Answer Type

- 6.3.3 Auto Redial
- 6.3.4 Call Waiting
 - 6.3.4.1 Activate
 - 6.3.4.2 Deactivate
 - 6.3.4.3 Status
- 6.3.5 Send Caller ID
- 6.3.6 Own Number
- 6.4 Language
- 6.5 Time & Date
- 6.6 Favorites
- 6.7 Network Selection
- 6.8 Security Settings
 - 6.8.1 SIM Lock
 - 6.8.2 Change PIN
 - 6.8.3 Phone Lock
 - 6.8.4 Change Password
 - 6.8.5 Application Lock
 - 6.8.6 Call Barring
 - 6.8.6.1 International Calls
 - 6.8.6.2 Outgoing Calls
 - 6.8.6.3 Incoming Calls
 - 6.8.6.4 Incoming Calls when Abroad
 - 6.8.6.5 Int. Calls Except to Home Country
 - 6.8.6.6 Clear All
 - 6.8.6.7 Change Password
 - 6.8.7 CUG
 - 6.8.8 Fixed Dialling
 - 6.8.9 Change PIN2
 - 6.8.10 System Reset
- 6.9 Software Version
- 7 Organiser
 - 7.1 Alarm
 - 7.2 Calendar

- 7.2.1 Monthly View
- 7.2.2 Daily View
- 7.2.3 Event View & Edit

7.3 Memo

- 7.3.1 Text Memo
- 7.3.2 Voice Memo

7.4 World Time

7.5 Calculator

7.6 Converter

7.7 Stop Watch

7.8 Timer

7.9 Fatness Checker

8 WAP

8.1 Home

8.2 Recent Pages

8.3 Bookmarks

8.4 Go to URL

8.5 Profiles

8.6 Cache&Cookie

8.6.1 Clear Cache

8.6.2 Clear Cookie

8.7 Storage

8.8 Security

8.8.1 Certificates

8.8.2 Change Auth. PIN

8.8.3 Change SignText PIN

8.8.4 Session Info

8.8.5 Current Certificate

8.8.6 Contracts

8.9 Version



2. Access Code

The following section describes various security codes.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against the unauthorized use. The PIN code is usually supplied with the SIM card. If you input the incorrect PIN code entry for three times in a row, the PIN code will be blocked. If the PIN code is blocked, you need to unblock the PIN code before you can use the SIM card again. See the information on the PUK code.

PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as call cost counters.

Lock code (4 digits)

The lock code can be used to lock the handset and keypad to avoid unauthorized use.

Note: The factory setting for the lock code is 1234. To avoid unauthorized use of your handset, change the lock code. Keep the new code secret and in a safe place separate from your handset.

PUK and PUK2 codes (8 digits)

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK2 code is required to change a blocked PIN2 code. If the codes are not supplied with the SIM card, contact the operator whose SIM card is in your phone for the codes.

You can change the following codes: Lock code, PIN code, and PIN2 code. These codes can include the numbers from 0 to 9 only.

Note: Avoid using access codes similar to the emergency numbers, such as 112, to prevent accidental dialing of the emergency number.

Call Barring Password (4 digits)

The call barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function.

You can change this password using the Call Barring menu option. For further details, see menu 6.7.6.

3. Check List

If you experience any problem while using your cell phone, please refer to the following checklist. If the problem still persists, contact your dealer or nearest service centre.

When the “Insert SIM Card” message appears:

Make sure the SIM card is correctly installed. Check to see if the SIM card is working properly. If it does not work, try to clean the contact point of the card. If it is out of order, take it to the nearest service centre.

When the “Handset locked enter password” message appears:

Enter the handset password. If you cannot remember the password, contact the nearest service centre.

When the “Enter PIN1” message appears:

Input PIN1. If you cannot remember it, contact the nearest service centre. You can still receive calls even if your cell phone becomes locked by entering the incorrect PIN1 on three consecutive attempts.

When the “No service” or “Network failure” message appears:

Check the SSI (Signal Strength Indicator) state. If you cannot make a connection in underground areas or in buildings where signal strength may be low, try moving to another place. If you still cannot make a connection, contact the nearest service centre.

When audio quality is poor:

End a call and try again.

When the other party cannot hear you speaking:

Your handset may be set to MUTE. Disable the MUTE function.

When battery lifetime is shorter than usual:

This may happen when you are in an area with low signal strength. Turn off your handset when it is not in use. Change the battery when battery energy is exhausted.

When your cell phone does not turn on:

Make sure your battery is charged. Check to see if your phone works while recharging the battery.

When you are unable to send a message:

Either you are not registered to receive SMS service, or you may be in an area where your network service provider cannot provide such service.

When you are unable to make a call:

Your phone may be set to “fixed dial.” Cancel the “fixed dial” function.

When you are unable to charge the battery:

This may be the result of one of the following three cases.

1. Your charger may be out of order. Contact your nearest dealer.
2. You may be attempting to use the phone in overly hot/cold temperature. Try changing the charging environment.
3. Your battery may have not been connected to the charger properly. Check the connector.

When you are unable to input data into the Phone Book:

Your Phone Book memory may be full. Try deleting some entries from your Phone Book.

When you are unable to select a certain function:

You may not be subscribed to that function, or your network service provider may be in an area where such service cannot be provided. Contact your local service provider.

When the GPRS cable connection is abnormally disconnected while

you are using Data over GPRS service:

If the cable is disconnected while you are using GPRS service, simply reconnect the cable to continue to use the service.

If you want to finish the service, then reconnect the cable first, terminate the GPRS service, and unplug the cable.



4. All about performance and safety

The following list shows how to maintain your cell phone along with precautions.

- Keep your cell phone and its accessories out of the reach of children.
- Maintain your cell phone in dry conditions and keep it under normal temperature. Temperatures higher than 55°C (131°F) or lower than -20°C (-4°F) may damage your phone.
- Do not use or store your cell phone in dusty, dirty areas.
- Do not attempt to disassemble your cell phone.
- Do not drop or cause severe impacts to the phone.
- Do not use chemical products, cleaning solvents or detergents to clean your cell phone.
- If your cell phone does not work properly, contact your dealer immediately.
- Use only authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and accessories will void the limited product warranty.
- Ensure that the grounding points of the battery and battery charger are not in direct contact with conductive objects.

5. Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features of your mobile phone, here are a few definitions.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to reroute calls to another number.

Call Holding

Ability to put one call on a 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.

CLI (Caller Line Identification) Services

Services allowing subscribers to view or block the telephone numbers of callers.

EMS (Enhanced Message Service)

Network service sending and receiving messages that include images, sounds and animations to and from another user without having to speak to the correspondent.

GPRS (General Packet Radio Service)

New non-voice value-added service that allows information to be sent and

received across a mobile telephone network. GPRS guarantees continuous connections to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched cellular phone connections and the Short Message Service (SMS).

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.

Multiparty Calling

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

PIN (Personal Identification Number)

Security code that protects the phone/SIM against unauthorized uses. 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 (Personal Unblocking Key)

Security code used to unlock the phone when incorrect PINs have 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).

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 can be displayed, received, edited or sent.

Soft Keys

Two keys marked and on the phone, the purpose of which:

- 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.



RF exposure FCC

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 5mm (0.2 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Health and Safety Information FCC

This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 Ministry of Health (Canada), Safety Code 6. 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 1.6W/kg *.

* In the U.S. 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 substantial margin of safety to give additional protection for the public and to account for any variations in.

***This device contains 1800 MHz GSM functions that are not operational in U.S. Territories; this filing is applicable only for 850 MHz GSM and 1900 MHz PCS operations.

Memo