

| KG245 | USER GUIDE

Some of contents in this manual may differ from your phone depending on the software of the phone or your service provider.



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INTRODUCTION

Congratulations on your purchase of the advanced and compact KG245 mobile phone, designed to operate with the latest digital mobile communication technology.

This user's guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user's guide could void your warranty for this equipment.



GUIDELINES FOR SAFE AND EFFICIENT USE

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.

EXPOSURE TO RADIO FREQUENCY ENERGY

Radio wave exposure and Specific Absorption Rate (SAR) information

This mobile phone model KG245 has been designed to comply with applicable safety requirement for exposure to radio waves. This requirement is based on scientific guidelines that include safety margins designed to assure this safety of all persons, regardless of age and health.

- ▶ The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardized method with the phone transmitting at its highest certified power level in all used frequency bands.
- ▶ While there may be differences between the SAR levels of various LG phone models, they are all designed to meet the relevant guidelines for

exposure to radio waves.

- ▶ The SAR limit recommended by the international Commission on Non-Ionizing Radiation Protection (ICNIRP), which is 2W/kg averaged over ten (10) gram of tissue.

PRODUCT CARE AND MAINTENANCE

WARNING! Use only batteries, charger and accessories approved for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

- ▶ Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- ▶ Keep away from electrical appliance such as a TV, radio or personal computer.
- ▶ The unit should be kept away from heat sources such as radiators or cookers.
- ▶ Do not drop.

GUIDELINES FOR SAFE AND EFFICIENT USE

- ▶ Do not subject this unit to mechanical vibration or shock.
- ▶ The coating of the phone may be damaged if covered with wrap or vinyl wrapper.
- ▶ Use dry cloth to clean the exterior of the unit. (Do not use solvent such as benzene, thinner or alcohol.)
- ▶ Do not subject this unit to excessive smoke or dust.
- ▶ Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- ▶ Do not tap the screen with a sharp object; otherwise, it may damage the phone.
- ▶ Do not expose the phone to liquid or moisture.
- ▶ Use the accessories like an earphone cautiously. Do not touch the antenna unnecessarily.

ELECTRONICS DEVICES

All mobile phones may get interference, which could affect performance.

- ▶ Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over the pacemaker, i.e. in your breast pocket.
- ▶ Some hearing aids might be disturbed by mobile phones.
- ▶ Minor interference may affect TVs, radios, PCs, etc.

ROAD SAFETY

Check the laws and regulations on the use of mobile phones in the areas when you drive.

- ▶ Do not use a hand-held phone while driving.
- ▶ Give full attention to driving.
- ▶ Use a hands-free kit, if available.
- ▶ Pull off the road and park before making or answering a call if driving conditions so require.

- ▶ RF energy may affect some electronic systems in your motor vehicle such as car stereo, safety equipment.
- ▶ When your vehicle is equipped with an air bag, do not obstruct with installed or portable wireless equipment. It can cause serious injury due to improper performance.

BLASTING AREA

Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

POTENTIALLY EXPLOSIVE ATMOSPHERES

- ▶ Do not use the phone at a refueling point. Don't use near fuel or chemicals.
- ▶ Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle, which contains your mobile phone and accessories.

IN AIRCRAFT

Wireless devices can cause interference in aircraft.

- ▶ Turn off your mobile phone before boarding any aircraft.
- ▶ Do not use it on the ground without crew permission.

CHILDREN

Keep the phone in a safe place out of small children's reach. It includes small parts which if detached may cause a choking hazard.

EMERGENCY CALLS

Emergency calls may not be available under all cellular networks. Therefore, you should never depend solely on the phone for emergency calls. Check with your local service provider.

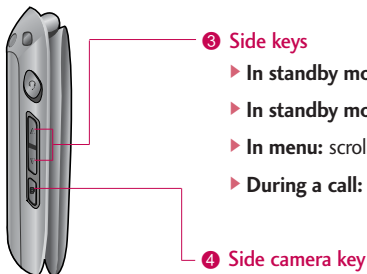
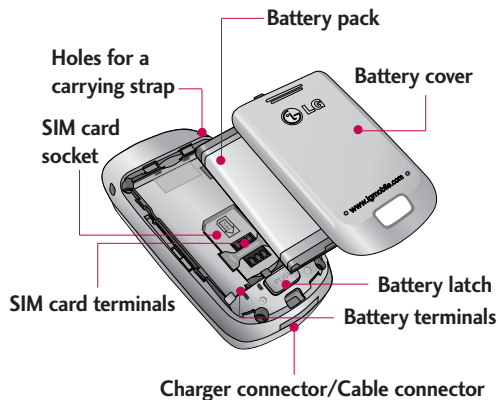
GUIDELINES FOR SAFE AND EFFICIENT USE

BATTERY INFORMATION AND CARE

- ▶ You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- ▶ Use only LG batteries and chargers. LG chargers are designed to maximize the battery life.
- ▶ Do not disassemble or short-circuit the battery pack.
- ▶ Keep the metal contacts of the battery pack clean.
- ▶ Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times until it needs replacing.
- ▶ Recharge the battery if it has not been used for a long time to maximize usability.
- ▶ Do not expose the battery charger to direct sunlight or use it in high humidity, such as the bathroom.
- ▶ Do not leave the battery in hot or cold places, this may deteriorate the battery performance.

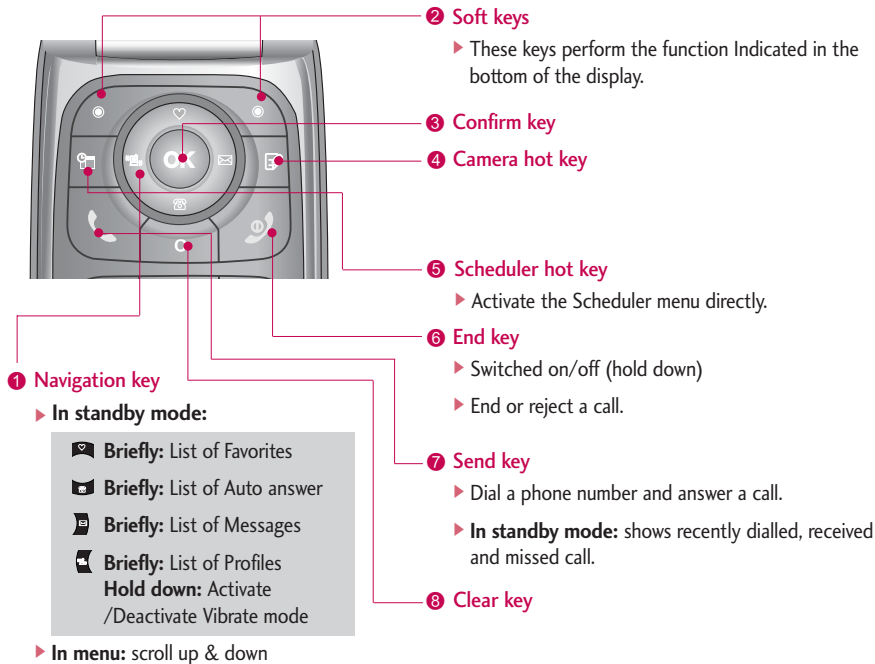
KG245 FEATURES

PART OF THE PHONE

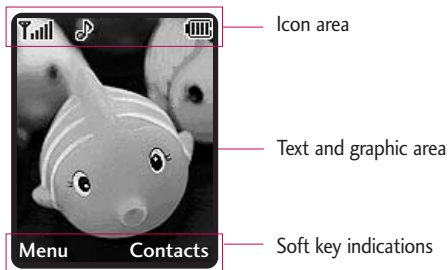


KG245 FEATURES





DISPLAY INFORMATION



Area	Description
First line	Displays various icons. See page 17.
Middle lines	Display messages, instructions and Any information that you enter, such As number to be dialled.
Last line	Shows the functions currently Assigned to the two soft keys.

The screen displays several icons. There are described below.

ON-SCREEN ICONS

Icon	Description
	Tells you the strength of the network signal.*
	Call is connected.
	You can use GPRS service.
	Shows that you are using a roaming service.
	The alarm has been set and is on.

Note

- *The quality of the conversation may change depending on network coverage. When the signal strength is below 2 bars, you may experience muting, call drop and bad audio. Please take the network bars as indicator for your calls. When there are no bars, that means that there is no network coverage: in this case, you won't be able to access the network for any service (call, messages and so on).

Icon	Description
	Tells you the status of the battery.
	You have received a text message.
	You have received a voice message.
	You can view your schedule.
	Vibrate only menu in profile.
	General menu in profile.
	Loud menu in profile.
	Silent menu in profile.
	Headset menu in profile.
	You can divert a call.
	Indicates that the phone is accessing the WAP.
	Indicates that you are using GPRS.

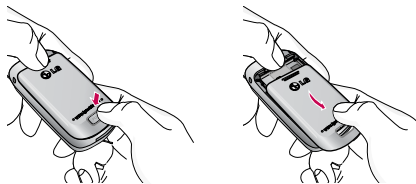
GETTING STARTED

INSTALLING THE SIM CARD AND THE HANDSET BATTERY

Make sure the power is off before you remove the battery.

1. Remove the battery cover.

Press the battery release latch and slide the battery cover toward the bottom of the phone. And remove the battery cover.

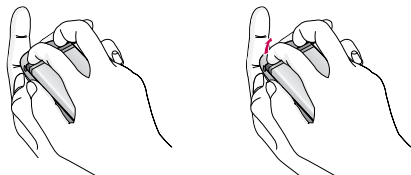


Note

- ▶ Removing the battery from the phone when the power is on may cause the phone to malfunction.

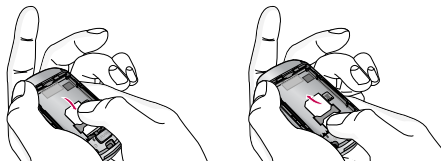
2. Remove the battery.

Hold the top edge of the battery and lift the battery from the battery compartment.



3. Install the SIM card

Insert the SIM card into the holder. Slide the SIM card into the SIM card holder. Make sure that the SIM card is inserted properly and that the gold contact area on the card is facing downwards. To remove the SIM card, press down lightly and pull it in the reverse direction.



To insert the SIM card

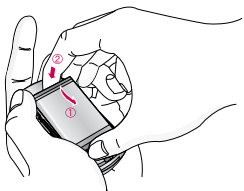
To remove the SIM card

Caution

- ▶ The metal contact of the SIM card can be easily damaged by scratches. Pay special attention to the SIM card while handling. Follow the instructions supplied with the SIM card.

4. Install the battery.

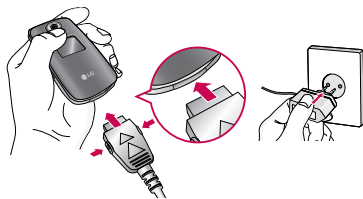
Insert the bottom of the battery first into the bottom edge of the battery compartment. Push down the top of the battery until it snaps into space.

**5. Replace the battery cover.**

Lay the battery cover in place of the phone and slide it until the latch clicks.

**CHARGING THE BATTERY**

To connect the mains adapter to the phone, you must have installed the battery.



GETTING STARTED

1. With the arrow facing you as shown in the diagram push the plug on the battery adapter into the socket on the bottom of the phone until it clicks into place.
2. Connect the other end of the mains adapter to the mains socket. Use only the included packing charger.
3. The moving bars of battery icon will stop after charging is complete.

Caution!

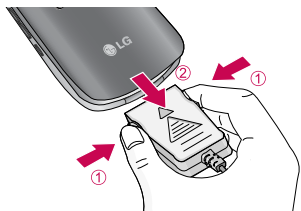
- ▶ Do not force the connector as this may damage the phone and/or the travel adapter.
- ▶ Insert the battery pack charger vertically to wall power outlet.
- ▶ If you use the battery pack charger out of your own country, use an attachment plug adapter for the proper configuration.
- ▶ Do not remove your battery or the SIM card while charging.

Warning!

- ▶ Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- ▶ Make sure that no sharp-edged items such as animal teeth, nails, come into contact with the battery. There is a risk of this causing a fire.
- ▶ Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

DISCONNECTING THE ADAPTER

1. When charging is finished, the moving bars of the battery icon stop and 'Full' is displayed on the screen.
2. Unplug the adapter from the power outlet. Disconnect the adapter from the phone by pressing the grey tabs on both sides of the connector and pull the connector out.

**Note**

- ▶ Ensure the battery is fully charged before first using the phone.
- ▶ Do not remove the battery or SIM card while charging.
- ▶ In the case the battery is not properly charged, please turn the phone off and on using the power key, then recharge the battery. After detaching and reattaching the battery, please recharge the battery.

TURNING YOUR PHONE ON AND OFF

Turning your phone ON

1. Install a battery to the handset and connect the phone to an external power source such as the travel adapter, cigarette lighter adapter or hands-free car kit. Or install a charged battery pack to the handset.
2. Press  for a few seconds until the LCD screen is turned on.
3. Depending on the status of the **PIN code request** setting you may need to enter your PIN code.

Turning your phone OFF

1. Press
turned off.

ACCESS CODES

You can use the access codes described in this section to avoid unauthorised use of your phone. The access codes (except PUK and PUK2 codes) can be changed by using the **Change codes** feature [Menu 3-5-5]. See page 49.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. When the **PIN code request** is set to **Enable**, your phone will request the PIN code every time the phone is switched on. When the **PIN code request** is set to **Disable**, your phone connects to the network directly without the PIN code.

PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access functions such as **Advice of Call Charge** and **Fixed dial number**. These functions are only available if supported by your SIM card. Check with your network for further information.

PUK code (4 to 8 digits)

The PUK (PIN Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your network operator for the code. If you lose the code, also contact your network operator.

PUK2 code (4 to 8 digits)

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you lose the code, also contact your network operator.

Security code (4 to 8 digits)

The security code protects the unauthorised use of your phone. The default security code is set to '0000' and the security code is required to delete all phone entries and to activate the **Reset settings** menu. Also, the security code is required to enable or disable the phone lock function to prevent unauthorised use of the phone. The security code default setting can be modified from the **Security settings** menu.

BARRING PASSWORD

The barring password is required when you use **Call barring** [Menu 3-5-3] function. You obtain the password from your network operator when you subscribe to this function. See page 48 for further details.

GENERAL FUNCTIONS

MAKING AND ANSWERING CALLS

Making a call

1. Make sure your phone is switched on.
2. Enter a phone number, including the area code.
 - ▶ Press and hold the clear key () to erase the entire number.
3. Press the send key () to call the number.
4. To end the call, press the end key () or the right soft key.

Making a call using the send key

1. In standby mode, press the send key (), and the latest incoming, outgoing and missed phone numbers will be displayed.
2. Select the desired number by using the up/down navigation key.
3. Press .

Making an international call

1. Press and hold the  key for the international prefix. The '+' character automatically selects the international access code.
2. Enter the country code, area code, and the phone number.
3. Press .

Ending a call

When you have finished your call, press the end () key.

Making a call from the address book

You can save the names and phone numbers dialled regularly in the SIM card and/or phone memory, which is address book. You can dial a number by simply looking up the desired name in the address book.

Adjusting the volume

If you want to adjust the earpiece volume during a call, use the side keys (). Press the up side key to increase and down side key to decrease the volume.

Note

- ▶ In standby mode with the phone open, pressing the side keys adjusts the key tone volume.

Answering a call

When you receive a call, the phone rings and the flashing phone icon appears on the screen. If the caller can be identified, the caller's phone number (or name if saved in the phonebook) is displayed.

1. To answer an incoming call, open the phone. (When **Flip open** has been set as the answer mode. See page 47 [Menu 3-4-2].)

Note

- ▶ If Press any key has been set as the answer mode (see page 47), any key press will answer a call except for the  or the right soft key.

- ▶ To reject an incoming call, press and hold one of the side keys on the left side of the phone without opening the phone.
- ▶ You can answer a call while using the address book or other menu features.

2. To end the call, close the phone or press the  key.

Manner mode (Quick)

You can activate the manner mode by pressing and holding down the key after opening the phone.

Signal strength

You can check the strength of your signal by the signal indicator () on the LCD screen of your phone. Signal strength can vary, particularly inside buildings. Moving near to a window may improve reception.

Entering text

You can enter alphanumeric characters by using the phone's keypad. For example, storing names in the phonebook, writing a message, creating a personal

greeting.

The following text input methods are available in the phone.

T9 mode

This mode lets you enter words with only one keystroke per letter. Each key on the keypad has more than one letter. The T9 mode automatically compares your keystrokes with an internal dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode. This is sometimes known as predictive text.

ABC mode

This mode lets you enter letters by pressing the key labelled with the required letter once, twice, three or four times until the letter is displayed.

123 mode (Number mode)

Type numbers using one keystroke per number. To change to 123 mode in a text entry field,  press the key until 123 mode is displayed.

Changing the text input mode

1. When you are in a field that allows characters to be entered, you will notice the text input mode indicator in the lower right corner of the LCD screen.
2. Change the text input mode by pressing . You can check the current text input mode in the lower right corner of the LCD screen.



Using the T9 mode

The T9 predictive text input mode lets you enter words easily with a minimum number of key presses. As you press each key, the phone begins to display the characters that it thinks you are typing based on the built-in dictionary. You can also add new words in the dictionary. As new words are added, the word changes to reflect the most likely candidate from the dictionary.

1. When you are in the T9 predictive text input mode, start entering a word by pressing keys  to .

GENERAL FUNCTIONS

. Press one key per letter.

- ▶ The word changes as letters are typed. Ignore what's on the screen until the word is typed completely.
- ▶ If the word is still incorrect after typing completely, press the down navigation key once or more to cycle through the other word options.

Example: Press to type **Good**

Press [Down navigation key] to type **Home**

- ▶ If the desired word is missing from the word choice list, add it using the ABC mode.
 - ▶ You can select the language of the T9 mode. Press the left soft key [Option], then select **T9 languages**. Select the desired language of T9 mode. You can also turn off the T9 mode by selecting T9 off. The default setting on the phone is T9 enabled mode.
2. Enter the whole word before editing or deleting any keystrokes.
 3. Complete each word with a space by pressing the key. To delete letters, press . Press and

hold down to erase entire words.

Note

- ▶ To exit from the text input mode without saving your input, press . The phone goes back to standby mode.

Using the ABC mode

Use the to keys to enter your text.

1. Press the key labelled with the required letter:
 - ▶ Once for the first letter
 - ▶ Twice for the second letter
 - ▶ And so on
2. To insert a space, press the key once. To delete letters, press the key. Press and hold down the key to clear the whole display.

Note

- Refer to the table below for more information on the characters available using the alphanumeric keys.

Key	Characters in the order display	
	Upper Case	Lower Case
	., / ? ! - : ' " 1 @	., / ? ! - : ' " 1 @
	A B C 2 Å Ä Å Ä Å Ä Æ Ç	a b c 2 å ä å ä å ä æ ç
	D E F 3 Ê Ë É Ê	d e f 3 ë è é ê
	G H I 4 Î Ï Î Ñ	g h i 4 ï î ï ñ
	J K L 5	j k l 5
	M N O 6 Ñ Ò Ó Ô Õ Ö Æ	m n o 6 ñ ò ó ô õ ö æ
	P Q R S 7 ß \$	p q r s 7 ß \$
	T U V 8 Ü Û Ü Û	t u v 8 ü û ü û
	W X Y Z 9	w x y z 9
	Space 0	Space 0

Using the 123 (Number) mode

The 123 mode enables you to enter numbers in a text message (a telephone number, for example). Press the keys corresponding to the required digits before manually switching back to the appropriate text entry mode.

CONTACTS

You can store phone numbers and their corresponding names in the memory of your SIM card.

In addition, you can store up to 200 numbers and names in the phone memory.

The SIM card and phone are both used in the same way in the **Contacts** menu.

IN-CALL MENU

Your phone provides a number of control functions that you can use during a call. To access these functions during a call, press the left soft key [Options].

GENERAL FUNCTIONS

During a call

The menu displayed on the handset screen during a call is different to the default main menu displayed when in standby mode, and the options are described below.

Making a second call

You can get a number you wish to dial from the phonebook to make a second call. Press the right soft key then select **Search**. To save the dialled number into the phonebook during a call, press the right soft key then select **Add new**.

Making a second call

You can get a number you wish to dial from the phonebook to make a second call. Press the right soft key then select **Search**. To save the dialled number into the phonebook during a call, press the right soft key then select **Add new**.

Switching between two calls

To switch between two calls, press the left soft key then select **Swap**.

Answering an incoming call

To answer an incoming call when the handset is ringing, simply press the  key. The handset is also able to warn you of an incoming call while you are already on a call. A tone sounds in the earpiece, and the display will show that a second call is waiting.

This feature, known as **Call waiting**, is only available if your network supports it. For details of how to activate and deactivate it see **Call waiting [Menu 3-4-4]** on [page 47](#).

If **Call waiting** is activated, you can put the first call on hold and answer the second, by pressing  or by selecting left soft key, then **Hold & Answer**. You can end the current call and answer the waiting call by selecting left soft key and then End & Answer.

Rejecting an incoming call

You can reject an incoming call without answering by simply pressing the  key.

During a call, you can reject an incoming call by pressing the left soft key [Menu] key and selecting the **Conference/Reject** or by pressing the .

Muting the microphone

You can mute the microphone during a call by pressing the [Menu] key then selecting **Mute on**. The handset can be unmuted by selecting **Mute off**. When the handset is muted, the caller cannot hear you, but you can still hear them.

Switching DTMF tones on during a call

To turn DTMF tones on during a call, press the left soft key, and then select **DTMF on**. DTMF tones can be turned off the same way. DTMF tones allow your phone to make use of an automated switchboard.

MULTIPARTY OR CONFERENCE CALLS

The multiparty or conference service provides you with the ability to have a simultaneous conversation with more than one caller, if your network operator supports this feature. A multiparty call can only be set up when you have one active call and one call on hold, both calls having been answered. Once a multiparty call is set up, calls can be added, disconnected or separated (that is, removed from the multiparty call but still connected to you) by the person who set up the

multiparty call. These options are all available from the In-Call menu. The maximum callers in a multiparty call are five. Once started, you are in control of the multiparty call, and only you can add callers to the multiparty call.

Making a second call

You can make a second call while currently on a call. Enter the second number and press the  key. When the second call is connected, the first call is automatically placed on hold. You can swap between calls by pressing the left soft key then selecting **Swap**.

Setting up a conference call

Place one call on hold and while the active call is on, press the left soft key and then select the **Conference/Join all**.

Putting a conference call on hold

Press the left soft key, then select the **Conference/Hold all**.

Activate the conference call on hold

GENERAL FUNCTIONS

Press the left soft key, then select the **Conference/Join all**.

Adding calls to the conference call

To add a call to an existing conference call, press the left soft key, then select the **Conference/Join all**.

Displaying callers in a conference call

To scroll through the numbers of the callers who make up a conference call on the handset screen, use the up/down navigation keys.

Taking a private call during a conference call

To have a private call with one caller from a conference call, display the number of the caller you wish to talk to on the screen, then press the left soft key. Select the **Conference/Private** to put all the other callers on hold.

The currently displayed caller from a conference call can be disconnected by pressing the key. To end a conference call, press the left soft key, then select the **Conference/End multiparty**. After pressing the left soft key, selecting **Conference/End all** will end all the active and on-hold calls..

Ending a conference call

MENU TREE

The following illustration shows the available menu structure and indicates the:

- ▶ Number assigned to each menu option.
- ▶ Page where you can find the feature description.

You can go to the desired menu using the left soft key [Menu], navigation keys and the [OK] key. And you can also take a shortcut by pressing the corresponding number key of desired menu after pressing the left soft key [Menu].

1. Profiles
1.1 Vibrate only
1.2 Silent
1.3 General
1.4 Loud
1.5 Headset
2. Call register
2.1 Missed calls
2.2 Received calls
2.3 Dialed calls
2.4 Delete recent calls
2.5 Call charges 2.5.1 Call duration 2.5.2 Call costs 2.5.3 Settings
2.6 GPRS information 2.6.1 Call duration 2.6.2 Data volumes

MENU TREE

3. Tools

3.1 Alarm clock

3.2 Bluetooth

- 3.2.1 My devices
- 3.2.2 Handsfree devices
- 3.2.3 Settings

3.3 Calculator

3.4 Unit converter

3.5 World time

3.6 Voice recorder

- 3.6.1 Record
- 3.6.2 View list

4. Organiser

4.1 Contacts

- 4.1.1 Search
- 4.1.2 Add new
- 4.1.3 Caller groups
- 4.1.4 Speed dial
- 4.1.5 Settings
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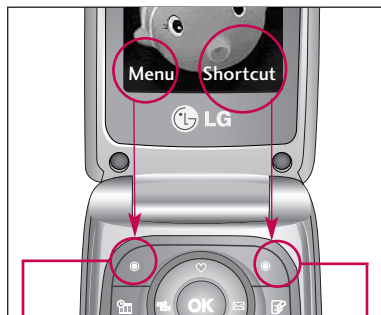
9.2 Pictures

9.3 Sounds

SELECTING FUNCTIONS AND OPTIONS

Your phone offers a set of functions that allow you to customise the phone. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked [Menu] and [Shortcut]. Each menu and sub-menu lets you view and alter the settings of a particular function.

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



Press the left soft key to access the available menu.

Press the right soft key to access the shortcut menus.

CONTACTS

SEARCH

MENU 1.1

1. Select **Search** by press the left soft key  [Select] or [OK].
2. Enter the name that you want to search or select left soft key  [List] to view all the phonebook list.

Note

- ▶ Instant searching is available by inputting the initial letter of the name or number you want to search.

3. If you want to edit, delete, copy an entry, or to add the voice to one, select left soft key  [Options]. The following menu will be displayed.
 - ▶ **Edit:** You can edit the name, number, group, character and picture by using the navigation key.
 - ▶ **Write text/multimedia message:** After you have found the number you want, you can send a text/multimedia message to the selected number.
 - ▶ **Send via Bluetooth:** You can send the data of phone book to devices which is compatible with bluetooth through bluetooth.

- ▶ **Copy:** You can copy an entry from SIM to phone or from phone to SIM.
- ▶ **Main number:** You can select the one out of mobile, home, office that you often use. After you set this, the main number will be displayed first, when you search.
- ▶ **Delete:** You can delete an entry.

ADD NEW

MENU 1.2

You can add phonebook entry by using this function. Phone memory capacity is 200 entries. SIM card memory capacity depends on the cellular service provider. You can also save 20 characters of name in The Phone memory, and save characters in the SIM card. The number of character is SIM dependent feature.

1. Select **Add new** by press left soft key  [Select] or [OK].
2. Select the memory you want to save: **SIM** or **Phone**. If you set to Phone, you need to select which number you want as Main number.
 - a. Press  [OK] to input a name.

- b. Press  [OK], then you can input a number.
- c. Press  [OK].
- d. You can set a group for the entry by pressing ,  :
- e. You can set a character and a picture for the entry by pressing , , , .

CALLER GROUPS

MENU 1.3

You can list up to 20 members per one group. There are 7 groups you can make lists to.

- ▶ **Member list:** Shows the group members you have selected.
- ▶ **Group ring tone:** Allows you to specify ring tone for the group members' call.
- ▶ **Group icon:** Allows you to select the icon dependent on Group.
- ▶ **Add member:** You can add group members. Each group member shouldn't be exceeded 20.
- ▶ **Remove member:** You can remove the member from the Group member list. But the name and the number still remain in phonebook.

- ▶ **Rename:** You can change a group name.

SPEED DIAL

MENU 1.4

You can assign any of the keys ,  to with a Name list entry. You can call directly by pressing this key.

1. Open the phonebook first by pressing the Right soft key  [Contacts] in standby mode.
2. Scroll to **Speed dials**, press the left soft key  [Select].
3. If you want to add Speed dial, select **(empty)**. Then, you can search the name in phonebook.
4. Select allocated a name by speed dial, and choose **Change** or **Delete** to edit the name.

OWN NUMBER_(SIM DEPENDENT)

MENU 1.5

You can save and check your own number in SIM card.

MY BUSINESS CARD

MENU 1.6

This option allows you to create your own business card featuring Name and an mobile phone number. To

create a new business card, press the left soft key  [Edit] and enter the information into the fields.

SETTINGS

MENU 1.7

1. Press the right soft key  [Contacts] in standby mode.
2. Scroll to **Settings**, then press the left soft key  [Select].

► Default memory

Scroll to highlight **Default memory**, and then press the left soft key  [Select].

- If you select **Always ask**, when adding entry, the phone will ask where to store.
- If you select **SIM** or **Phone**, the phone will store an entry to SIM or phone.

► View options

Scroll to highlight **View options**, and then press the left soft key  [Select].

- **Name only:** Set the phonebook list with displaying only name.
- **With pictures:** Set the phonebook list with the

information of character and picture.

- **Name & number:** Set the phonebook list with displaying name and number.

► Copy/Move all

You can copy/move entries from SIM card memory to Phone memory and vice versa.

1. Open the Phonebook first by pressing the right soft key  [Contacts] in standby mode.
2. Scroll to **Copy all**, and then press the left soft key  [Select] to enter this menu.

► Memory in use

This feature allows you to see how many entries are in use, or free in your phonebook.

► Clear contacts

You can delete all the entries in the SIM and Phone. This function requires the Security code.

1. Scroll to highlight Clear contacts, and then press the left soft key  [Select].
2. Highlight the memory you wish to erase, and then press the left soft key  [Select].

3. Enter security code and Press the left soft key  [OK] or the right soft key  [Back].

► **Service dial number**

Use this function to access a particular list of services provided by your network operator (if supported by the SIM card).

CALL REGISTER

You can check the record of missed, received, and dialled calls only if the network supports the Calling Line Identification (CLI) within the service area.

The number and name (if available) are displayed together with the date and time at which the call was made. You can also view call times.

MISSED CALLS

MENU 2.1

This option lets you view the last 10 unanswered calls.

You can also:

- ▶ View the number if available and call it or save it in the phonebook.
- ▶ Enter a new name for the number and save both in Address book.
- ▶ Send a message to this number.
- ▶ Delete the call from the list.

RECEIVED CALLS

MENU 2.2

This option lets you view the last 10 incoming calls.

You can also:

- ▶ View the number if available and call it, or save it in Address Book
- ▶ Enter a new name for the number and save both in Address Book.
- ▶ Send a message to this number.
- ▶ Delete the call from the list.

DIALLED CALLS

MENU 2.3

This option lets you view the last 10 outgoing calls (called or attempted).

You can also:

- ▶ View the number if available and call it or save it in Address Book
- ▶ Enter new name for the number and save both in Address Book.
- ▶ Send a message to this number.
- ▶ Delete the call from the list.

ALL CALLS

MENU 2.4

You can view all lists of outgoing or incoming calls.

DELETE RECENT CALLS

MENU 2.5

Allows you to delete **Missed calls** and **Received calls** lists. You can delete **Dialled calls** and **All calls** lists at one time.

CALL CHARGES

MENU 2.6

Call duration (Menu 2.6.1)

Allows you to view the duration of your incoming and outgoing calls. You can also reset the call times. The following timers are available:

- ▶ **Last call:** Length of the last call.
- ▶ **All calls:** Total length of all calls made and incoming calls since the timer was last reset.
- ▶ **Received calls:** Length of the incoming calls.
- ▶ **Dialled calls:** Length of the outgoing calls.
- ▶ **Reset all:** Allows you to clear the length of all calls by pressing the left soft key  [Yes].

Call costs (Menu 2.6.2)

Allows you to check the cost of your last call, all calls, remaining and reset the cost. To reset the cost, you need to PIN2 code.

Settings (Menu 2.6.3)

- ▶ **Set tariff:** You can set the currency type and the unit price. Contact your service providers to obtain charging unit prices. To select the currency or unit in this menu, you need the PIN2 code.
- ▶ **Set credit:** This network allows you to limit the cost of your calls by selected charging units. If you select **Read**, the number of remaining unit is shown. If you select **Change**, you can change your change limit.
- ▶ **Auto display:** This network service allows you to see automatically the cost of your last calls. If set to **On**, you can see the last cost when the call is released.

GPRS INFORMATION

MENU 2.7

You can check the amount of data transferred over the network through the GPRS information option. In addition, you can also view how much time you are online.

Call duration (Menu 2.7.1)

You can check the duration of **Last call** and **All calls**.
You can also reset the call timers.

Data volumes (Menu 2.7.2)

You can check the **Sent**, **Received** or **All** data volumes and **Reset all**.

FAVOURITES

MENU 3.1

This option allows you to add your own favourites to the list already provided. Once you create your own menu, you can access the desired function quickly in the idle screen by pressing the up navigation key.

Note

- ▶ The menu of SMS, MMS and MP3 is already provided in your own favourites.

ALARM CLOCK

MENU 3.2

You can set up to 5 alarm clocks to go off at a specified time.

1. Select **On** and enter the alarm time you want.
2. Select the repeat period: Once, Mon~Fri, Mon~Sat, Everyday.
3. Select the alarm tone you want and press  [OK].

BLUETOOTH

MENU 3.3

Bluetooth enables compatible mobile devices,

peripherals and computers that are in close proximity to communicate directly with each other without wires. This handset supports built-in Bluetooth connectivity, which makes it possible to connect them with compatible Bluetooth headsets, computer applications and so on.

Note

- ▶ If you use a pcsync via Bluetooth, you can exchange the data within only the phonebook.
- ▶ When you receive data from another Bluetooth device, the phone requests for a confirmation. After confirming the transfer, the file will be copied in your phone.
- ▶ Depending on the file type, it will be stored in the following folders:
 - **MP3 (.mp3, mp4, aac, m4a, wma)**: Music folder.
 - **Video (.3GP)**: video folder.
 - **Phonebook contacts (.VCF)**: Phonebook.
 - **Text (.txt)**: Text folder.
 - **Other files (*.*)**: File storage folder.
- ▶ Supported Bluetooth software (Bluetooth stacks) for DUN: WIDCOMM Bluetooth for Windows 1.4 and 3.0

Paired devices (Menu 3.3.1)

You can view all devices which are compatible with Bluetooth phone.

Note

- ▶ Due to a compatibility problem, some devices may not support this function.

Handsfree devices (Menu 3.3.2)

You can view the list of handsfree devices which are compatible with bluetooth phone.

If you have entered Paired devices or Handsfree devices, you will see the following options in both those menus.

- ▶ **Connect/Disconnect:** Allows you to connect to other Bluetooth devices.
- ▶ **Add new:** Allows you to search for new Bluetooth device.
- ▶ **Assign name:** Allows you to change the name of Bluetooth device and how its displayed on the handset.

- ▶ **Set as authorised/Set as unauthorised:** Allows you to set the authorised connection between each Bluetooth devices.
- ▶ **All service:** Allows you to view all services which are supported by a Bluetooth device.
- ▶ **Delete:** Allows you to delete the Bluetooth device.
- ▶ **Delete all:** Allows you to delete all Bluetooth devices.

Settings (Menu 3.3.3)

You can register a new device which is compatible with Bluetooth. If you already have added the device, you can search it after entering a password.

▶ Set Bluetooth

You can activate or cancel bluetooth function.

▶ My handset's visibility

You can set the function that your phone is visible on the other Bluetooth devices.

▶ My handset's name

You can set the name of bluetooth device. The default name is KG245.

GAMES & APPS

MENU 3.4

• **Default Games:** In this menu, you can manage the Java applications installed in your phone. You can play or delete downloaded applications, or set the connect option. The downloaded applications are organised in folders.

Press the left soft key  [Select] to open the selected folder or launch the selected midlet.

After selecting a folder, press [Options] and then sub menus available to several options are displayed.

- ▶ **Open:** You can see the stored games.
- ▶ **New folder:** Create a new folder.

CALCULATOR

MENU 3.5

This contains the standard functions such as +, −, ×, ÷ : **Addition, Subtraction, Multiplication, and Division.**

Furthermore, you can use the various function of calculator such as +/-, **sin, cos, tan, log, in, exp, sqrt.**

1. Input the numbers by pressing numeric keys.
2. Use a navigation key to select a sign for calculation.
3. Then input the numbers.

4. Press key  to view the result.

5. To input the decimal number, press  key. If you press  key, you can enter (.).

6. To end Calculator, press the right soft key  [Back].

UNIT CONVERTER

MENU 3.6

This converts any measurement into a unit you want. There are 9 types that can be converted into units:

Currency, Surface, Length, Weight, Temperature, Volume, Velocity, Shoes and Clothes.

1. You can select one of four unit types by pressing  [Select] key.
2. Select the unit you want to convert by pressing  and . It's impossible to input "-" symbol in unit converter.
3. Select the standard value by using , .

WORLD TIME

MENU 3.7

You can view clocks of the world's major cities.

1. Select the city belonged to the time zone by

pressing ,  key.

2. You can set the current time to the city time you select by pressing the left soft key  [Set].

VOICE RECORDER

MENU 3.8

The voice memo feature you to record up to 10 voice messages and each memo is up to 20 Seconds.

Record (Menu 3.8.1)

You can record voice memo in Voice recorder menu.

1. Once recording is started, the message Recording and the remaining time is displayed.
2. If you want to finish recording, press the left soft key  [Save].
3. Key in Voice memo title, press the left soft key  [OK].

View list (Menu 3.8.2)

The phone shows voice memo list. You can Playback and Delete the recorded voice memo.

SIM SERVICES

MENU 3.9

This menu depends on SIM and the network services.

Note

- ▶ In case the SIM card support SAT (i.e. SIM Application Toolkit) services, this menu will be the operator specific service name stored on the SIM card.
- ▶ In case the SIM card does not support SAT services, this menu will be Profiles.

ORGANISER

CALENDAR

MENU 4.1

When you enter this menu a calendar will be displayed. The month and year are shown at the top of the screen. Whenever you change the date under the Settings menu, the calendar will update automatically.

The current date will be highlighted in green and any schedule or memos will be indicated with a red triangle at the top left hand corner of the corresponding square. An audible alarm can be set for memo's and reminders.

To change the day, month, and year.

Key	Description
 	Yearly
 	Monthly
 	Weekly
 	Daily

In the scheduler mode, press left soft key  [Options] as follows;

Add new (Menu 4.1.1)

Allows you to add new schedule and memo for the chosen day. You can store up to 20 notes.

Input the subject and then press left soft key  [OK]. You enter the appropriate information in the follow section; **Time**, **Repeat** and **Alarm**.

View daily schedules (Menu 4.1.2)

View all schedules and memo for the chosen day. Use  ,  to browse through the note lists. If you set alarm for the note, the alarm icon is displayed.

If you want to view the note in detail, press left soft key  [Select]. Press left soft key  [Options] to delete, edit the note you selected.

Delete past (Menu 4.1.3)

You can delete the past schedule that you have already been notified of.

Delete all (Menu 4.1.4)

You can delete all the notes.

Go to date (Menu 4.1.5)

You can go the chosen date directly.

Set alarm tone (Menu 4.1.6)

You can set the alarm tone of each chosen date.

MEMO

MENU 4.2

1. Select the **Memo** by pressing the left soft key  [Select].
2. If the entry is empty, press the left soft key  [Write].
3. Input the memo and then press left soft key  [Ok].

Note

- ▶ If you want to change the text input mode, press the  in order.

NEW MESSAGE

MENU 5.1

This menu includes functions related to SMS (Short Message Service), MMS (Multimedia Message Service), Email, voice mail, as well as the network's service messages.

Write text message (Menu 5.1.1)

You can write and edit text message, checking the number of message pages.

1. Enter the New messages menu by pressing the left soft key  [Select].
2. If you want to write a new message, select Write text message.
3. To make text input easier, use T9.
4. Press [Insert] to attach the following ;

Insert

- ▶ **Images:** You can insert the Default graphics or graphics in My pictures that are available for short messages.
- ▶ **Sounds:** You can insert sounds that are available for short messages.

- ▶ **Text templates:** You can use Text templates already set in the phone.
 - ▶ **Contacts:** You can add phone numbers or e-mail addresses in the address book.
 - ▶ **Symbol:** You can add special characters.
 - ▶ **My business card:** You can add your Business card to the message.
5. After you complete the message, to select the required option, press the left soft key  [Options].

Options

- ▶ **Send:** Sends text messages.
 1. Enter numbers of recipient.
 2. Press  key to add more recipients.
 3. You can add phone numbers in the address book.
 4. Once the numbers have been entered, press the left soft key  to send the message.
All messages will automatically be saved in the outbox folder, even after a sending failure.
- ▶ **Save to drafts:** Stores messages in the Drafts folder.

- ▶ **Font & Alignment:** You can select the **Size** and **Style** of font, and the alignment of text.
- ▶ **Colour:** You can also set the **Colour** of the text (foreground) and the background.
- ▶ **Add T9 dictionary:** You can add your own words. This menu will only be shown when the edit mode has been set to T9ABC/T9Abc/T9abc.
- ▶ **T9 languages:** Select the desired language for T9 input mode. You can also deactivate the T9 input mode by selecting 'T9 off'.
- ▶ **Exit:** If you press Exit whilst writing a message, you will be taken back to the message menu. Also the written message will not have been saved.

Note

- ▶ This phone supports EMS release 5, so is available to send colour pictures, sounds, text styles, etc.. If the other parties handsets do not support such options, the pictures, sounds or texts sent may not be displayed correctly on their phones.

Write multimedia message (Menu 5.1.2)

A multimedia message can contain text, images, and/or sound clips. This feature can be used only if it is supported by your network operator or service provider. Only devices that offer compatible multimedia message or e-mail features can receive and send multimedia messages.

1. Enter the New message menu by pressing the left soft key  [Select].
2. If you want to write a new message, select **Write multimedia message**.
3. You can create a new message or choose one of the multimedia message templates already made.
4. Press Insert to add Image, Sound, External memory, Contacts, Symbol, New photo, New sound, Text templates, My business card.

Maximum available file size, that can be inserted to MMS-message, is 100 kb.

Options

- ▶ **Send:** You can send multimedia messages to multiple recipients, as well as save it to send at a later time.

Note

- ▶ All messages will be automatically saved in the outbox folder, even after a sending failure.

- ▶ **Preview:** You can preview multimedia messages you have created.
- ▶ **Save:** You can save multimedia messages **To drafts** or **As template**.
- ▶ **Edit subject:** Allows you to modify the multimedia message you have chosen.
- ▶ **Add slide:** You can add a slide before or after current slide.
- ▶ **Move to slide:** You can move to previous or next slide.
- ▶ **Delete slide:** You can delete current slides.
- ▶ **Set slide format**
 - **Set timer:** You can set a timer for slide, text, picture and sound.
- ▶ **Add T9 dictionary:** You can add your own words. This menu will only be shown when the edit mode has been set to T9ABC/T9Abc/T9abc.

- ▶ **T9 languages:** Select the desired language for T9 input mode. You can also deactivate T9 input mode by selecting 'T9 off'.

- ▶ **Exit:** Will take you back to the Message menu.

Note

- ▶ When creating a multimedia message, if you upload a picture (50K) you may find that whilst the picture is loading you will not be able to carry out any other actions until the picture has completed loading.

Write email message (Menu 5.1.3)

To send/receive an email, you should set up the email account. Refer to **Email** on page 49 first.

1. You can input up to 12 email addresses in the To and Cc field.

Tip: To input "@", press the  and select "@".

2. Key in the subject of the mail and press OK.
3. After writing an email message, press the left soft key  [Options]. You can access the following option menus.

- ▶ **Send:** Sends the email message.

MESSAGES

- ▶ **Edit recipients:** You can edit recipients.
 - ▶ **Edit subject:** You can edit the subject.
 - ▶ **Save to drafts:** Select this to save the message in Drafts.
 - ▶ **T9 languages:** Select the language for T9 input mode. You can also deactivate the T9 input mode by selecting 'T9 off'.
 - ▶ **Exit:** If you select Exit whilst writing a message, you will be taken back to the message menu. Also the written message will not have been saved.
4. You can attach files by pressing the right soft key  [Attach].

Note

- ▶ For each e-mail account you may save up to 50 messages (totally 150 for three accounts). In Inbox folder you may save not more than 30 messages, in Drafts and Outbox folders - 5 messages, and in Sent folder up to 10 messages. In case Drafts Outbox or Sent folder is full, and you try to save new message to one of this folders, first saved message will be automatically deleted.

- ▶ Maximum size for one sent message is 300 kb with attachments, and maximum size for one received message is 100 kb. In case you have received message with more than 5 attachments, only 5 of them will be received. Some attachment may display incorrectly.

INBOX

MENU 5.2

You will be alerted when you have received a message. They will be stored in the Inbox. In the Inbox, you can identify each message by icons. For detail, see the icon directive.

Icon	Icon directive
	Multimedia message
	Short message
	SIM message
	Read multimedia message
	Read text message
	Push message
	Notified multimedia message

If the phone shows 'No space for SIM message', you only have to delete the SIM messages from the Inbox. If the phone displays 'No space for message', you will then need to delete messages, media or applications to free up space.

✱ SIM message

SIM message means that the message is exceptionally stored in the SIM card. You can move this message to the phone.

When you are notified that you have received a multimedia message, you have to wait for the message to be downloaded before you can view it.

To read a message, select one of the messages by pressing the left soft  key .

- ▶ **View:** You can view the received messages.
- ▶ **Delete:** You can delete the current message.
- ▶ **Reply:** You can reply to the sender.
- ▶ **Forward:** You can forward the selected message to another party.
- ▶ **Return call:** You can call back the sender.
- ▶ **Information:** You can view information about

received messages; Sender's address, Subject (only for Multimedia message), Message date & time, Message type, Message size.

- ▶ **Delete all:** You can delete all messages.

MAILBOX

MENU 5.3

When you access this menu, you can either connect to your remote mailbox to retrieve your new email messages, or you can view the previously retrieved email messages without logging in to the email server.

You can check the saved emails, drafts, outbox, and sent emails. In the Inbox, up to 30 emails are stored.

DRAFTS

MENU 5.4

Using this menu, you can preset up to five multimedia messages that you use most frequently. This menu shows the preset multimedia message list.

The following options are available.

- ▶ **View:** You can see the multimedia messages.
- ▶ **Edit:** Allows you to modify the chosen message.
- ▶ **Delete:** Deletes the message you choose.

- ▶ **Information:** To view the information of the message.
- ▶ **Delete all:** Deletes all of the messages in the folder.

OUTBOX

MENU 5.5

This menu allows you to view the messages which you have sent, those that are currently sending or messages that have failed sending previously.

Icon	Icon directive
	MMS Unsent
	MMS delivery confirmed
	SMS unsent
	SMS delivery confirmed

- ▶ **View:** You can view the message.
- ▶ **Forward:** You can forward the selected message to another party.
- ▶ **Delete:** You can delete the message.
- ▶ **Information:** You can check the information of each message.

- ▶ **Delete all:** You can delete all the messages in the outbox.

LISTEN TO VOICE MAIL

MENU 5.6

Once this menu has been selected, simply press the left soft key  [OK] to listen to voice mail. You can also hold down the  key in standby mode to listen to voice mail.

Note

- ▶ When you receive a voice mail, your phone will display an icon and you will hear an alert. Please check with your network provider for details of their service in order to configure the handset correctly.

INFO MESSAGE

MENU 5.7

(Dependent to network and subscription)

Info service messages are text messages delivered by the network to your handset. They provide general information such as weather reports, traffic news, taxis, pharmacies, and stock prices. When you receive an info service message, you will see a popup message show you that or the info service message is directly

displayed. To view the message again follow the sequence shown below;

Read (Menu 5.7.1)

1. When you have received an info service message and select Read to view the message, it will be displayed on the screen. You can read another message by scrolling ,  or  [Next].
2. The message will be shown until another message is selected.

Topics (Menu 5.7.2)

(Dependent to network and subscription)

- ▶ **Add new:** You can add Info service message numbers in the Phone memory with its nickname.
- ▶ **View list:** You can see Info service message numbers which you have added. If you press [Options], you can edit and delete info message categories which you have added.
- ▶ **Active list:** You can select info service message numbers in the active list. if you activate an info service number, you can receive messages sent from the number.

TEMPLATES

MENU 5.8

Text templates (Menu 5.8.1)

You have 6 text templates as below;

- Please call me back.
- I'm late. I will be there at...
- Where are you now?
- I'm on the way.
- Top urgent. Please contact.
- I love you.

Multimedia templates (Menu 5.8.2)

After you have saved a new template, you can use the following options.

- ▶ **View:** You can see multimedia templates.
- ▶ **Delete:** You can delete multimedia templates.
- ▶ **Add new:** Allows you to add new multimedia templates.
- ▶ **Write messages:** You can write and send multimedia messages.

- ▶ **Edit:** You can edit multimedia templates.
- ▶ **Delete all:** Allows you to delete all multimedia messages.

Signature (Menu 5.8.3)

This option helps you to make your own name card. Key in the name, mobile phone number, office number, Fax number, and E-mail address.

SETTINGS

MENU 5.9

Text message (Menu 5.9.1)

▶ Message types:

Text, Voice, Fax, Natl. paging, X.400, E-mail, ERMES

Usually, the type of message is set to **Text**. You can convert your text into alternative formats. Contact your service provider for the availability of this function.

- ▶ **Validity period:** This network service allows you to set how long your text messages will be stored at the message centre.

- ▶ **Delivery report:** If you set to **Yes**, you can check whether your message is sent successfully.
- ▶ **Reply charging:** When a message is sent, it allows the recipients to reply and charge the cost of the reply to your telephone bill.
- ▶ **SMS centre:** If you want to send the text message, you can receive the address of SMS centre through this menu.

Multimedia message (Menu 5.9.2)

- ▶ **Priority:** You can set the priority of the message you choose.
- ▶ **Validity period:** This network service allows you to set how long your text messages will be stored at the message centre.
- ▶ **Delivery report:** If it is set to **Yes** in this menu, you can check whether your message is sent successfully.
- ▶ **Auto retrieve:** If you select **On**, you receive multimedia messages automatically. If you select **Off**, you receive only notification message in the inbox and then you can check this notification. If you select **Home network only**, you receive multimedia messages depends on Homenetwork.

► **Network settings:** If you select multimedia message server, you can set URL for multimedia message server.

► **Permitted message types**

Personal: Personal message.

Advertisements: Commercial message.

Information: Necessary information.

Email (Menu 5.9.3)

This menu allows you to edit, delete or add and email account.

► **Account**

You can set up to 3 email accounts by selecting Add new. Using the Edit menu, you can set the following values.

► **Set as default**

► **Edit**

- **Secure settings:** Account name.
- **User ID:** Enter your email ID.
- **Password:** Enter your email password.
- **Email address:** Enter the email address given to

you by your service provider.

- **Outgoing server:** Enter the SMTP address and Port number of computer that sends your email.
- **Incoming server:** Enter the POP3 address and Port number of the that receives your email.
- **Leave msg on server:** Select Yes to leave the messages on the server.
- **Insert signature:** Select Yes to attach your signature to your email messages.
- **Access point:** Allow you to select the access point from the list.
- **SMTP port number:** Allow you to edit SMTP port number.
- **POP3 port number:** Allow you to edit POP3 port number.
- **Outgoing server ID/PW:** Enter the ID and password for sending your email.

► **Delete:** Deletes the selected account from the list.

► **Access point**

You can edit the access points. There are default access points for some operators, stored in phone memory.

► **Title:** Access point name.

MESSAGES

- ▶ **APN:** Input the APN of Access point.
- ▶ **User ID:** Enter the User ID of your access point.
- ▶ **Password:** Enter the Password of your access point.
- ▶ **Signature**

You can make your signature.

Voice mail centre (Menu 5.9.4)

You can receive the voicemail if your network service provider supports this feature. When a new voicemail has arrived, the symbol will be displayed on the screen. Please check with your network service provider for details of their service in order to configure the phone accordingly.

- ▶ **Home:** You can listen to voice mails by selecting Home.
- ▶ **Roaming:** Even when you are in abroad, you can listen to voice mails if roaming service is supported.

Info message (Menu 5.9.5)

▶ Receive

Yes: If you select this menu, your phone will receive Info service messages.

No: If you select this menu, your phone will not receive Info service messages any more.

▶ Alert

Yes: Your phone will beep when you have received Info service message numbers.

No: Your phone will not beep even though you have received info service messages.

▶ Languages

You can select the language you want by pressing [On/Off]. Then, the info service message will be shown in the language that you selected.

Push messages (Menu 5.9.6)

You can set the option whether you will receive the message or not.

To take a picture with phone opened

1. Press the Menu key  and then navigate and select Multimedia. Select Camera and the screen will now become the viewfinder. If you want to reach this menu directly, press  for a few seconds.
2. Focus on the subject to capture the image, and then press the  key.
3. If you want to save it, press the left soft key  or  the key.

Note

- ▶ You can control the image size, brightness, colour and zooming by going into the camera settings . Then use the , ,  to navigate and change the various settings. ( or ).

- ▶ **Mode** []: Allows to take multishot photos successively.
 - **Multi shot:** 320x240
 - **Still shot:** 72x72, 176x220, 320x240, 640x480, 1280x720, 1280x960, 1600x1200
 - **Frame shot:** 176x220

- ▶ **Size** [] ettings are available: Color, Sepia, Black/White
 - **Still shot:** 48x48, 128x160, 640x480
 - **Multi shot:** 128x160, 320x240
 - **Frame shot:** 128x160, 320x240
- ▶ **Quality** []: Allows you to set the image quality from Normal/Basic/Fine.
- ▶ **Auto save (On/Off):**
- ▶ **Album** []: Allow you to see photos saved in your phone.

Note

- ▶ In My album you may only view pictures taken by the handset's camera.

- ▶ **Exit** []: Back to the screen mode to take photos.
- ▶ **Zoom** []: Allowing you to set the zooming value from x1, x2, x3 and x4 depending on the resolution.
- ▶ **Effect** []: 4 settings are available: Color/Black & White/Sephia

CAMERA

CAMERA

- ▶ **Brightness** []: Use the right/left navigation keys to adjust lighting. 5 lighting levels are available:
- ▶ **Timer** []: Allows you to select the time delay (Off, 3 Seconds, 5 Seconds or 10 seconds). Then the phone takes a photo after the specified time.
- ▶ **Flash** []: Allows you to set the flash when you take a photo in dark surroundings.

SETTINGS

You can set the following menus for your convenience and preferences.

1. Press  [Menu] in standby mode.
2. Press  for direct access to enter Settings.

PROFILES

MENU 7.1

In Profiles, you can adjust and customise the phone tones for different events, environments, or caller groups.

There are five preset profiles: **Vibrate only**, **Silent**, **General**, **Loud** and **Headset**. Each profile can be personalised. Press the left soft key [Menu] and select **Profiles** using up/down navigation keys.

Activate (Menu 7.X.1)

Use this to enter the day, month and year. You can change the date format via the DATE FORMAT menu option.

1. A list of profiles is displayed.
2. In the Profiles list, scroll to the profile you want to activate and press the left soft key  [Select] or OK key.

3. Then, select Activate.

Personalise (Menu 7.X.2)

Scroll to the desired profile in the Profile list. After pressing the left soft key  or the OK key, select **Personalise**. The profile setting option opens. Set the option as required.

- ▶ **Call alert type:** Set the alert type for incoming calls.
- ▶ **Ring tone:** Select the desired ring tone from the list.
- ▶ **Ring volume:** Set the volume of the ringing tone.
- ▶ **Message alert type:** Set the alert type for messages.
- ▶ **Message tone:** Select the alert tone for messages.
- ▶ **Keypad tone:** Select the desired keypad tone.
- ▶ **Keypad volume:** Set the volume of keypad tone.
- ▶ **Flip tone:** Allows you to set the flip tone.
- ▶ **Effect sound volume:** Set the volume of effect sound.
- ▶ **Power on/off volume:** Set the volume of the ringing tone when switching the phone on/off.

- ▶ **Auto answer:** This function will be activated only when your phone is connected to the handsfree kit.
 - **Off:** The phone will not answer automatically.
 - **After 5 secs:** After 5 seconds, the phone will answer automatically.
 - **After 10 secs:** After 10 seconds, the phone will answer automatically.

Rename (Menu 7.X.3)

You can rename a profile and give it any name you choose to.

Note

- ▶ **Vibrate only, Silent and Headset** profiles cannot be renamed.

1. To change the name of a profile, scroll to the profile in the profile list and after pressing the left soft key  or the OK key, select Rename.
2. Key in the desired name and press the OK key or the left soft key  [OK].

DATE & TIME

MENU 7.2

You can set functions relating to the date and time.

Set date (Menu 7.2.1)

▶ Set date

You can enter the current date.

▶ Date format

You can set the Date format such as DD/MM/YYYY, MM/DD/YYYY, YYYY/MM/DD.

(D: Day / M: Month / Y: Year)

Set time (Menu 7.2.2)

▶ Set time

You can enter the current time.

▶ Time format

You can set the time format between 24-hour and 12-hour.

PHONE SETTINGS

MENU 7.3

You can set functions relating to the phone.

Display settings (Menu 7.3.1)

- ▶ **Wallpaper:** You can select the background pictures in standby mode.
 - Main LCD
 - Sub LCD

Default

You can select a picture or an animation of wallpaper by pressing  or .

My folder

You can select a picture or an animation as wallpaper.

- ▶ **Handset scheme:** You can choose 4 kind of color schemes, Clean, Clear, Paper and Metallic style.
- ▶ **Greeting note:** If you select **On**, you can edit the text which is displayed in standby mode.
- ▶ **Backlight:** You can set the light-up duration of the display.

- ▶ **Information window:** You can preview the current state of the selected menu before open the menu. The state is shown at bottom of the display.

- ▶ **Network name:** If you set ON, Network name (the name of service provider) will be appeared in Internal LCD.

Language (Menu 7.3.2)

You can change the language for the display texts in your phone. This change will also affect the Language Input mode.

CALLING

MENU 7.4

You can set the menu relevant to a call by pressing

 [Select] in the Setting menu.

Call divert (Menu 7.4.1)

The Call divert service allows you to divert incoming voice calls, fax calls, and data calls to another number. For details, contact your service provider.

- ▶ **All voice calls:** Diverts all voice calls unconditionally.

- ▶ **If busy:** Diverts voice calls when the phone is in use.
- ▶ **If no reply:** Diverts voice calls which you do not answer.
- ▶ **If out of reach:** Diverts voice calls when the phone is switched off or out of coverage.
- ▶ **All data calls:** Diverts to a number with a PC connection unconditionally.
- ▶ **All fax calls:** Diverts to a number with a fax connection unconditionally.
- ▶ **Cancel all:** Cancels all call divert service.

The submenus

Call divert menus have the submenus shown below.

- ▶ **Activate:** Activates the corresponding service.
 - **To voice mail centre:** Forwards to message centre. This function does not apply to All data calls and All fax calls menus.
 - **To other number:** Input the number for call diverting.
 - **To favourite number:** You can check recent five diverted numbers.

- ▶ **Cancel:** Deactivate the corresponding service.
- ▶ **View status:** View the status of the corresponding service.

Answer mode (Menu 7.4.2)

- ▶ **Flip open:** If you select this menu, you can receive an incoming call when only opening flip.
- ▶ **Press any key:** If you select this menu, you can receive a call by pressing any key except  [End] key.
- ▶ **Send only:** If you select this menu, you can receive a call by only pressing  [Send] key.

Send my number (Menu 7.4.3)

(network and subscription dependent)

- ▶ **On:** You can send your phone number to another party. Your phone number will be shown on the receiver's phone.
- ▶ **Off:** Your phone number will not be shown.
- ▶ **Set by network:** If you select this, you can send your phone number depending on two line service such as line 1 or line 2.

Call waiting (Menu 7.4.4) (Network Service)

- ▶ **Activate:** If you select Activate, you can accept a waiting (receiving) call.
- ▶ **Cancel:** If you select Cancel, you cannot recognize the waiting (receiving) call.
- ▶ **View status:** Shows the status of Call waiting.

Minute minder (Menu 7.4.5)

If you select **On**, you can check the call duration by deep sound every minute during a call.

Auto redial (Menu 7.4.6)

- ▶ **On:** When this function is activated, the phone will automatically try to redial in the case of failure to connect a call.
- ▶ **Off:** Your phone will not make any attempts to redial when the original call has not connected.

SECURITY SETTINGS

MENU 7.5

PIN code request (Menu 7.5.1)

In this menu, you can set the phone to ask for the PIN code of your SIM card when the phone is switched on. If this function is activated, you'll be requested to enter the PIN code.

1. Select PIN code request in the security settings menu, and then press  [Select].
2. Set **On/Off**.
3. If you want to change the setting, you need to enter PIN code when you switch on the phone.
4. If you enter wrong PIN code more than 3 times, the phone will lock out. If the PIN is blocked, you will need to key in PUK code.
5. You can enter your PUK code up to 10 times. If you put wrong PUK code more than 10 times, you can not unlock your phone. You will need to contact your service provider.

Phone lock (Menu 7.5.2)

You can use security code to avoid unauthorized use of the phone. Whenever you switch on the phone, the phone will request security code if you set phone lock to **On**. If you set phone lock to **Automatic**, your phone will request security code only when you change your SIM card.

Call barring (Menu 7.5.3)

The Call barring service prevents your phone from making or receiving certain category of calls. This function requires the call barring password. You can view the following submenus.

- ▶ **All outgoing:** The barring service for all outgoing calls.
- ▶ **International:** The barring service for all outgoing international calls.
- ▶ **International when roam:** The barring service for all international outgoing calls except home network.
- ▶ **All incoming:** The barring service for all incoming calls.
- ▶ **Incoming when abroad:** The barring service for all

incoming calls when roaming.

- ▶ **Cancel all:** You can cancel all barring services.
- ▶ **Change password:** You can change the password or Call Barring Service.

The submenus:

• Activate

Allows to request the network to set call restriction on.

• Cancel

Set the selected call restriction off.

• View status

View the status whether the calls are barred or not.

Fixed dial number (FDN) (Menu 7.5.4) (SIM dependent)

You can restrict your outgoing calls to selected phone numbers.

The numbers are protected by your PIN2 code.

- ▶ **Activate:** You can restrict your outgoing calls to selected phone numbers.

- ▶ **Cancel:** You can cancel fixed dialling function.
- ▶ **Number list:** You can view the number list saved as Fixed dial number.

Change codes (Menu 7.5.5)

PIN is an abbreviation of Personal Identification Number to prevent use by unauthorized person.

You can change the access codes: **PIN2 code, Security Code**

1. If you want to change the Security code/PIN/PIN2 code input your original code, and then press  [OK].
2. Input new Security code/PIN/PIN2 code and verify them.

NETWORK SETTINGS MENU 7.5

You can select a network which will be registered either automatically or manually. Usually, the network selection is set to **Automatic**.

Automatic (Menu 7.5.1)

If you select Automatic mode, the phone will

automatically search for and select a network for you. Once you have selected “Automatic”, the phone will be set to “Automatic” even though the power is off and on.

Manual (Menu 7.5.2)

The phone will find the list of available networks and show you them. Then you can select the network which you want to use if this network has a roaming agreement with your home network operator. The phone let you select another network if the phone fails to access the selected network.

Preferred (Menu 7.5.3)

You can set a list of preferred networks the handset should attempt to register with first, before attempting to register to any other networks. This list is created from the handset's predefined list of known networks.

GPRS SETTINGS MENU 7.6

You can set GPRS service depending on various situations.

Switch on (Menu 7.6.1)

If you select this menu, the phone is automatically registered to a GPRS network when you switch the phone on. Starting a WAP or PC dial-up application created the connection between phone and network and data transfer is possible. When you end the application, GPRS connection is ended but the registration to the GPRS network remains.

When needed (Menu 7.6.2)

If you select this menu, the GPRS connection is established when you connect a WAP service and closed when you end the WAP connection.

MEMORY STATUS

MENU 7.7

You can check free space and memory usage of each repository, Internal memory, Multimedia memory and External memory. You can go to each repository menu.

RESET SETTINGS

MENU 7.8

You can initialize all factory defaults. You need Security code to activate this function.

- ▶ **Restore default settings:** Allows you to restore default settings.
- ▶ **Clear multimedia memory:** Allows you to format the multimedia memory and create a default directory.
- ▶ **Clear external memory:** Allows you to format the external memory and create default directory.

You can access various WAP (Wireless Application Protocol) services such as banking, news, weather reports and flight information. These services are specially designed for mobile phones and they are maintained by WAP service providers.

Check the availability of WAP services, pricing and tariffs with your network operator and/or the service provider whose service you wish to use. Service providers will also give you instructions on how to use their services.

Once connected, the homepage is displayed. The content depends on the service provider. To exit the browser at any time, press the (⏏) key. The phone will return to the previous menu.

Navigating with the WAP browser

You can surf the Internet using either the phone keys or the WAP browser menu.

Using the phone keys

When surfing the Internet, the phone keys function differently to phone mode.

Key	Description
 	Scrolls each line of the content area
	Returns to the previous page
	Selects options and confirms actions

Using the WAP browser menu

There are various menu options available when surfing the Mobile Web.

Note

- ▶ The WAP browser menus may vary, depending on your browser version.

Home

Menu 8.1

Connects to a homepage. The homepage will be the site which is defined in the activated profile. It will be defined by the service provider if you have not defined it in the activated profile.

BOOKMARKS

MENU 8.2

This menu allows you to store the URL of favourite web pages for easy access at a later time. Your phone has several pre-installed bookmarks. These pre-installed bookmarks cannot be deleted.

To create a bookmark

1. Press the left soft key  [Options].
2. Select Add new and press the OK key.
3. After entering the desired URL and title, press the OK key.

* **Tip:** Use the “” key and “” key to enter symbols. To enter “.”, press “”.

After selecting a desired bookmark, the following options are available.

- ▶ **Connect:** Connects to the selected bookmark.
- ▶ **Add new:** Select this to create a new bookmark.
- ▶ **Edit:** You can edit the URL and/or the title of the selected bookmark.
- ▶ **Delete:** Deletes the selected bookmark.
- ▶ **Delete all:** Deletes all the bookmarks.

GO TO URL

MENU 8.3

You can connect directly to the site you want. After entering a specific URL, press the OK key.

SETTINGS

MENU 8.4

You can set the profile, cache, cookie and security related to internet service.

Profiles (Menu 8.4.1)

A profile is the network information used to connect to the Internet.

Each profile has submenus as follows:

- ▶ **Activate:** Activates the selected profile.
- ▶ **Settings:** Use this to edit and change WAP settings for the selected profile.
 - **Homepage:** This setting allows you to enter the address (URL) of a site you want to use as homepage. You do not need to type http:// at the front of each URL as the WAP Browser will automatically add it.
 - **Bearer:** You can set the bearer data service.

1 Data

2 GPRS

- **Data settings:** Appears only if you select Data Settings as a Bearer / service.

Dial number: Enter the telephone number to dial to access your WAP gateway.

User ID: The users identity for your dial-up server (and NOT the WAP gateway).

Password: The password required by your dial-up server (and NOT the WAP gateway) to identify you.

Call type: Select the type of data call : Analogue of Digital (ISDN)

Linger time: You need to enter timeout period. After entering that, the WAP navigation service will be unavailable if any data is not input or transferred.

Call speed: The speed of your data connection ; 9600 or 14400

- **GPRS settings:** The service settings are only available when GPRS is chosen as a bearer service.

APN: Input the APN of the GPRS.

User ID: The users identify for your APN server.

Password: The password required by your APN server.

- Proxy settings

Proxy: Activates or cancels proxy.

IP address: Input the IP address of the Proxy server you access.

Port number: Input the Proxy Port

- DNS settings

Primary server: Input the IP address of the primary DNS server you access

Secondary server: Input the IP address of the secondary DNS server you access

- ▶ **Rename:** You can change the profile name.
- ▶ **Add new:** You can add a new profile.
- ▶ **Delete:** Deletes the selected profile from the list.

Cache (Menu 8.4.2)

The information or services you have accessed are saved in the cache memory of the phone.

Cookie (Menu 8.4.3)

The information or services you have accessed are saved in the cache memory of the phone.

Clear cache (Menu 8.4.4)

Removes all context saved in cache.

Note

- ▶ A cache is a buffer memory, which is used to save data temporarily.

Clear cookie (Menu 8.4.5)

Removes all context saved in cookie.

Security (Menu 8.4.6)

A list of the available certification is shown.

- ▶ **Authority:** You can see the list of authority certificates that have been stored in your phone.

- ▶ **Personal:** You can see the list of personal certificates that have been stored in your phone.

PHOTOS

MENU 9.1

Shows the list of JPG files at My media\Photos in Multimedia memory.

- ▶ **View:** You can see the JPG file by pressing the OK key or selecting View from the Option menu.

Note

- ▶ The maximum size of JPG file you can see is 460Kbytes.
- ▶ **Send via email:** Send the selected file to another device via email if the file size is less than 300Kbytes.
- ▶ **Send via Bluetooth:** Send the selected file to another device via Bluetooth.
- ▶ **Note**
 - ▶ You may send files via Bluetooth only if they are stored in phone memory, not on memory card. To send files from the external memory, please, firstly copy it to internal phone memory.

- ▶ In Photos folder in internal and in external memory only .JPG (JPEG) files can be stored. In Images folder in internal and in external memory you may store .GIF, .JPG (JPEG) and other image format files.

- ▶ To setup .JPG (JPEG) file from Photo folder as wallpaper, go to Menu-Multimedia-Photo album and then please select Set as wallpaper in Options menu.

- ▶ **Copy to External memory:** Copy the selected file to the same folder at Multimedia memory/External memory.
- ▶ **Move to External memory:** Move the selected file to the same folder at Multimedia memory/External memory.
- ▶ **Rename:** Change the file name of selected file. The maximum length of characters is 200. And You can not change the extension of file.
- ▶ **Delete:** Delete a file.
- ▶ **Delete all:** Deletes all the files in the list
- ▶ **Information:** Shows the file information.

IMAGES

MENU 9.2

After selecting a image, press the left key  [View] and then you can check the options as follow:

- ▶ **Set as wallpaper:** Currently selected image can be set as a wallpaper.
- ▶ **Write messages:** The images downloaded from the network can be sent by Multimedia or Email service. Maximum message size is 100 kb for MMS message and 300 kb for E-mail message.
- ▶ **Send via Bluetooth:** The sound downloaded from network can be sent by Bluetooth.

Note

- ▶ You may send files via Bluetooth only if they are stored in the phone memory, not on memory card. To send file from external memory, please, firstly copy it to internal phone memory.
- ▶ Maximum .GIF supporting size is 100 Kb.
- ▶ **Copy to External memory:** Copy the selected file to the same folder at Multimedia memory/External memory.

SOUNDS

MENU 9.3

After selecting a sound, press the left key [Options]. You can check the options as follow:

- ▶ **Set as ringtone:** Currently selected sound can be set as a ringtone.
- ▶ **Write messages:** The sound downloaded from network can be sent by SMS or MMS, Email service. Maximum MMS message is 100 kb, and for e-mail is 300 kb.
- ▶ **Send via Bluetooth:** The sound downloaded from network can be sent by Bluetooth.

Note

- ▶ You may send files via Bluetooth only if they are stored in the phone memory, not on memory card. To send file from external memory, please, firstly copy it to internal phone memory. When you send .MMF or .MIDI sound file from another phone via Bluetooth, it will be saves to Others folder. But if you will setup this file as ring tone, it will be copied to Sounds folder.
- ▶ **Copy to External memory:** Copy the selected file to the same folder at Multimedia memory/External memory.

GAMES & APPS

MENU 9.4

In this menu, you can manage the Java applications installed on your phone. You can play or delete downloaded applications, or set the connect option. This menu will connect to the [Menu 1-1], see p. 29.

OTHERS

MENU 9.5

Shows the list of files at My media\Others in Multimedia memory.

- ▶ **Play:** You can play a file if it is one of the following types; 3G2, MP3, MP4, AAC, M4A and WMA.
- ▶ **View:** You can see a file if it is one of the following types; JPG, GIF, WBMP, PNG and TXT.
- ▶ **Send via Bluetooth:** Send the selected file to another device via Bluetooth

Note

- ▶ You may send files via Bluetooth only if they are stored in the phone memory, not on memory card. To send file from external memory, please, firstly copy it to internal phone memory.

General

Product name : KG245

System : GSM 900 / DCS 1800

Ambient Temperatures

Max : +55°C

Min : -10°C

Appendix 1. RF Exposure Statement

WARNING! Read this information before operating the phone.

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

The design of this phone complies with the FCC guidelines and these international standards.

CAUTION

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations.

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

Body Worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5 cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of belt-clips, holsters, and similar accessories should not containing metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

* This GSM phone has Bluetooth function.

For Your Safety FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that may cause undesired operation.

Appendix 2. Consumer Information on SAR (Specific Absorption Rate)

This Model Phone Meets the Government's Requirements for Exposure to Radio Waves. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 1.28W/kg, and when worn on the body, as described in this user guide, is 0.164W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID BEJKG245.