



F2300 User Guide

F2300 User Guide



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



F2300 User Guide - English

WE SHOULD INFORM USER THAT THIS
MANUAL CAN HAVE SOME DIFFERENCES
FROM PHONE DEPENDING ON PHONE
S/W AND SERVICE PROVIDER.

Introduction

Congratulations on your purchase of the advanced and compact F2300 cellular 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.

For Your Safety

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

Warning

- Mobile Phones must be switched off at all times in an aircraft.
- Do not hold the phone in your hand while driving.
- Do not use your phone near petrol stations, fuel depots, chemical plants or blasting operations.
- For your safety, use ONLY specified ORIGINAL batteries and chargers.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Keep the phone in a safe place out of children's reach. It includes small parts which if detached may cause a choking hazard.

Caution

- Switch off the phone in any area where required by special regulations. For example, do not use your phone in hospitals or it may affect sensitive medical equipment.
- Emergency call may not be available under all cellular networks. Therefore, you should never depend solely on the phone for emergency calls.
- Only use ORIGINAL accessories to avoid damage to your phone.
- All radio transmitters carry risks of interference with electronics in close proximity. Minor interference may affect TVs, radios, PCs, etc.
- Batteries should be disposed of in accordance with relevant legislation.
- Do not dismantle the phone or battery.

Guidelines for safe and efficient use

Radio wave exposure and Specific Absorption Rate (SAR) information

This mobile phone model F2300 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.
- The highest SAR value for this model phone tested by DASY4 for use at the ear is 0.988 W/kg (10g).
- SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the Institute of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over one (1) 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.
- 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.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- 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.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.



Guidelines

- Never place your phone in a microwave oven as it will cause the battery to explode.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- The label of the phone contains important information for customer support purposes. Do not remove it.

Efficient phone operation

To enjoy optimum performance with minimum power consumption please:

- Hold the phone as you speak to any other telephone. While speaking directly into the microphone, angle the antenna in a direction up and over your shoulder. If the antenna is extendable/retractable, it should be extended during a call.
- Do not hold the antenna when the phone is in use. If you hold it, it can affect call quality, it also may cause the phone to operate at a higher power level than needed and shorten talk and standby times.
- If your mobile phone supports infrared, never direct the infrared ray at anyone's eye.

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.
- Do not bend, scratch, or expose to static electricity.

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 riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.

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.

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.

Network service

- Some services and functions described in this user's guide are dependent on network or subscription. Therefore, all menus may not be available in your phone. Please consult network operator for more information about your subscription.

Driver Safety Tips

Your wireless telephone gives you the powerful ability to communicate by voice – almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. When available, use a hands free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
2. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
3. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility, driving safety.
4. If possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be.
5. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
6. Use your wireless phone to call for you. Or other Dial 0-0-0 or 1-1-2 local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!

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F2300 features

Part of the phone

1. Earpiece

2. Main LCD

- **Top:** Signal strength, battery level and various function icons
- **Bottom:** Soft key indications

3. Alpha numeric keys

- **In standby mode:** Input numbers to dial

Hold down

-  – International calls
-  – Activate Voice mail centre menu
-  to  – Speed dials
-  – Activate Timer in Take picture mode

- **In editing mode:** Enter numbers & characters

4. Microphone

5. Side keys

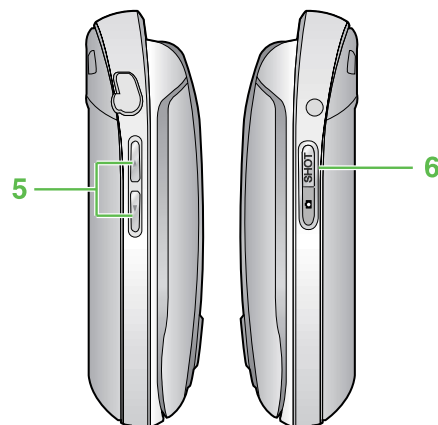
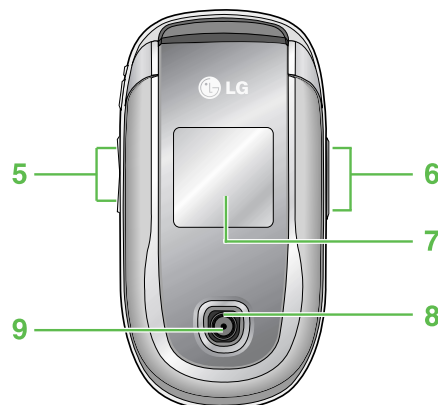
- **In standby mode (opened):**
Volume of key tone
- **In standby mode (closed):**
Change the wallpaper of the sub-LCD (hold down)
- **In menu:** scroll up & down
- **During a call:** volume of the earpiece

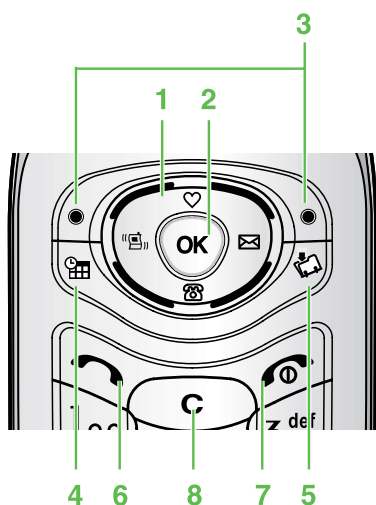
6. Side camera key

7. Sub LCD

8. Flash

9. Camera lens





1. Navigation key

• In standby mode:



Briefly: List of Favorites



Briefly: List of Phonebook



Briefly: List of Messages



Briefly: List of Profiles

Hold down: Activate/
Deactivate Vibrate mode

• In menu: scroll up & down

2. Confirm key

3. Soft keys

- These keys perform the function Indicated in the bottom of the display.

4. Scheduler hot key

- Activate the Scheduler menu directly.

5. Downloads hot key

- **Briefly:** List of Downloads menu

6. Send key

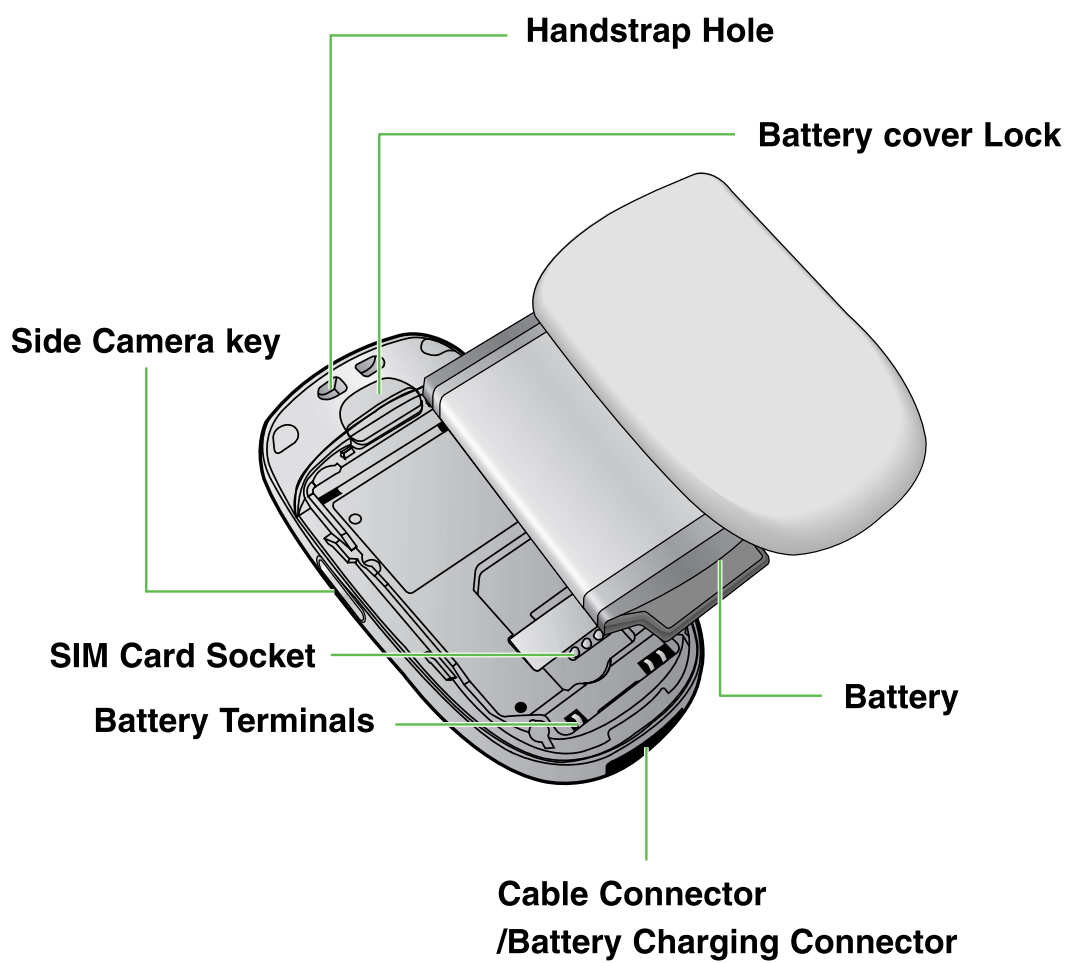
- Dial a phone number and answer a call.
- In standby mode: shows recently dialled, received and missed call.

7. End key

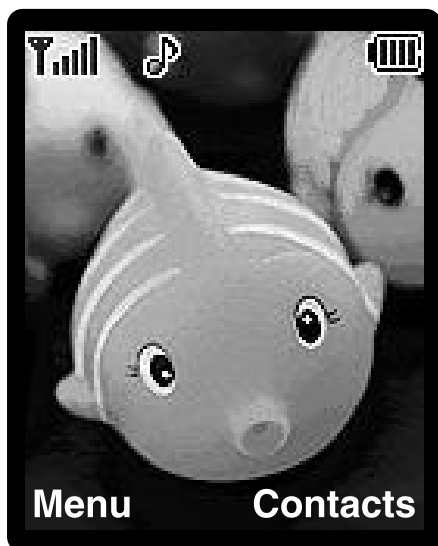
- Switched on/off (hold down)
- End or reject a call.

8. Clear key

Rear view



Display Information



Icon area

Text and
graphic area

Soft key indications

Area	Description
First line	Displays various icons. See page 18.
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/Indicator	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.
	Tells you the status of the battery.
	You have received a text message.
	You have received a voice message.
	You can view your schedule.

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/Indicator	Description
	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.

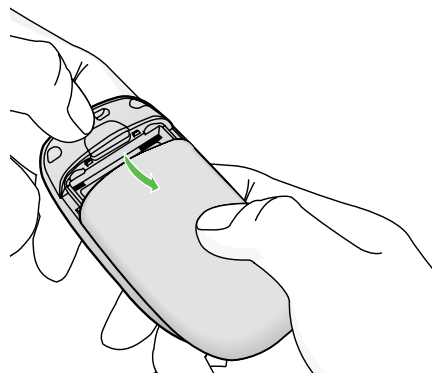
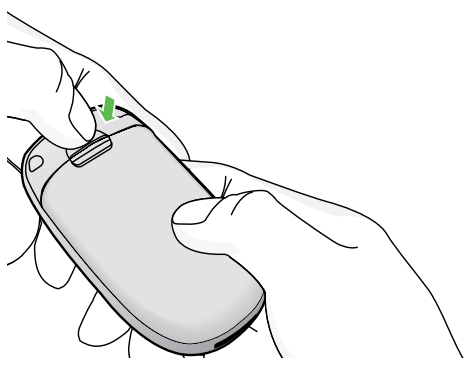
Getting started

Installing the SIM card and the handset battery

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

1. Remove the battery cover.

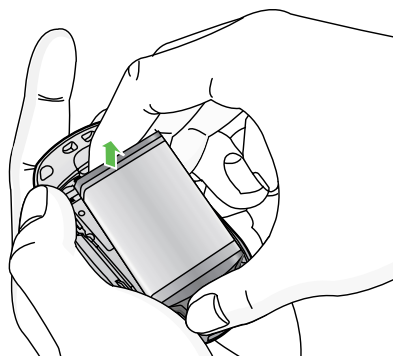
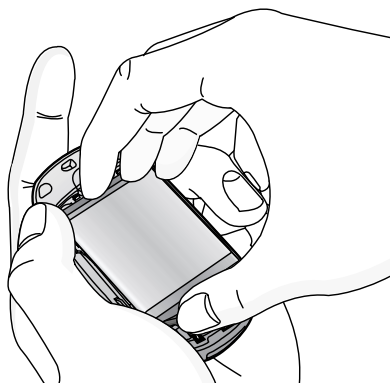
Press the battery release latch and slide the battery cover toward the bottom of the phone. And remove the battery cover.



! Note Removing the battery from the phone when the power is on may cause the phone to malfunction.

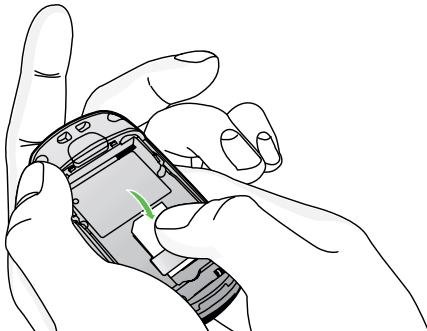
2. Remove the battery.

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

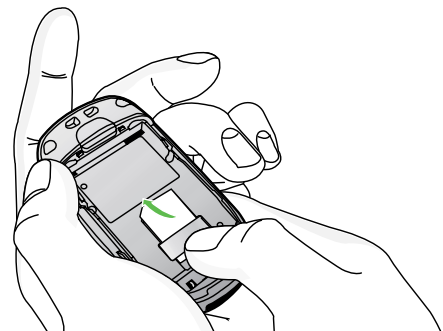


3. Install the SIM card.

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.



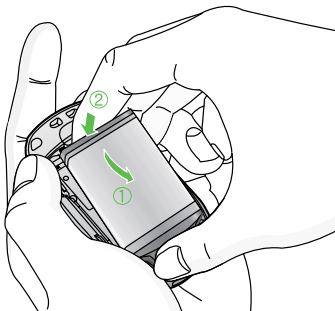
To insert the SIM card



To remove the SIM card

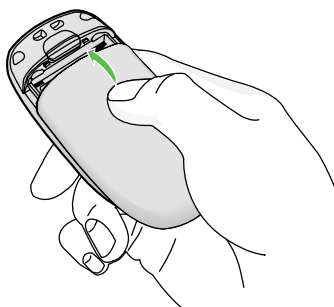
! Note The metal contact of the SIM card can be easily damaged by scratches. Pay special attention to the SIM card while handling. Follow the instructions supplied with the SIM card.

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.

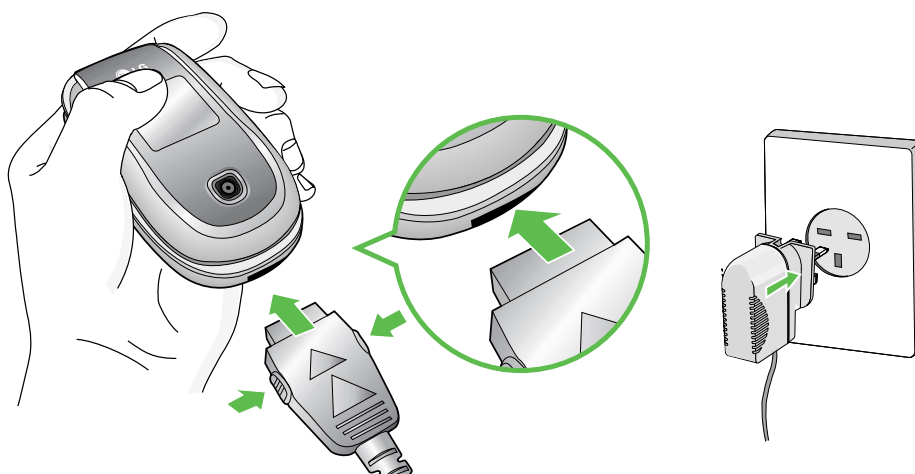
5. Replace the battery cover.



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

Charging the Battery

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



1. Ensure the battery is fully charged before using the phone.
2. 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.
3. Connect the other end of the travel adapter to the mains socket. Use only the included packing charger.
4. 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 adaptor 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 charger

Disconnect the travel adapter from the phone by pressing its side buttons as shown in the diagram.



General Functions

Making a Call

1. Make sure your phone is powered on.
2. Enter a phone number including the area code. To edit a number on the display screen, simply press the  key to erase one digit at a time.
▶ Press and hold the  key to erase the entire number.
3. Press the  key to call the number.
4. When finished, press the  key.

Making a Call by Send Key

1. Press the  key, and the most recent incoming, outgoing and missed phone numbers will be displayed.
2. Select the desired number by using the navigation key.
3. Press the  key.

Making International Calls

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

Ending a Call

When you have finished a call, press the  key.

Making a Call From the Contact list

You can store names and phone numbers dialled frequently in the SIM card as well as the phone memory known as the Contact list. You can dial a number by simply looking up a name in the contact list. For more details on the Contacts feature, please refer to page 43.

Adjusting the Volume

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

In idle mode, you can adjust the key volume using the side keys.

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 stored in your Address Book) is displayed.

1. Open the Slide and press the  key or the left soft key to answer an incoming call. If the Any Key menu option (Menu 7.4.2) has been set to  , any key press will answer a call except for the  key or the right soft key.

! Notice To reject an incoming call, press and hold the side keys on the left side of the phone.

2. End the call by closing the phone or pressing the  key.

! Notice You can answer a call while using the Address Book or other menu features.

Vibrate Mode (Quick)

Vibrate Mode can be activated by pressing and holding left key.

Signal Strength

If you are inside a building, being near a window may give you better reception. You can see the strength of your signal by the signal indicator () on your phone's display screen.

Entering Text

You can enter alphanumeric characters by using the phone's keypad. For example, storing names in the Address Book, writing a message, creating scheduling events in the calendar all require entering text.

The following text input methods are available in the phone.

! Note Some fields may allow only one text input mode (e.g. telephone number in address book fields).

T9 Mode

This mode allows you to 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 linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode.

ABC Mode

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

123 Mode (Numbers Mode)

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

Symbolic Mode

This mode allows you to enter special characters.

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 upper right corner of the display.

2. If you want to change modes, press . The available modes are changed.

Using the T9 Mode

The T9 predictive text input mode allows you to 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 a built-in dictionary. As new letters are added, the word changes to reflect the most likely candidate from the dictionary.

- ! Notice** You can select a different T9 language from the menu option or press hold down the key . The default setting on the phone is T9 disabled mode.

1. When you are in the T9 predictive text input mode, start entering a word by pressing keys  to . 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 choices list, add it by using the ABC 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 the letters continuously.

- ! Notice** To exit the text input mode without saving your input, press . The phone returns to the idel screen.

Using the ABC Mode

Use the  to  keys to enter your text.

1. Press the key labeled 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 erase the letters continuously.

! Notice Refer to the table below for more information on the characters available using the keys.

Key	Characters in the Order Display	
	Upper Case	Lower Case
	. , / ? ! - : ' " 1	. , / ? ! - : ' " 1
	A B C 2 Ä À Á Â Ã Å Æ Ç	a b c 2 ä à á â ã å æ ç
	D E F 3 Ě Ě É Ê	d e f 3 ě ě é ê
	G H I 4 Ĭ Ĭ Í Î Ğ	g h i 4 ĭ ĭ í î ğ
	J K L 5	j k l 5
	M N O 6 Ñ Ö Ø Ò Ó Ô Õ Æ	m n o 6 ñ ö ø ò ó ô õ æ
	P Q R S 7 ß Ş	p q r s 7 ß ş
	T U V 8 Ü Ù Ú Û	t u v 8 ü ù ú û
	W X Y Z 9	w x y z 9
	Space 0	Space 0

Using the 123 (Numbers) 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.

Using the Symbol Mode

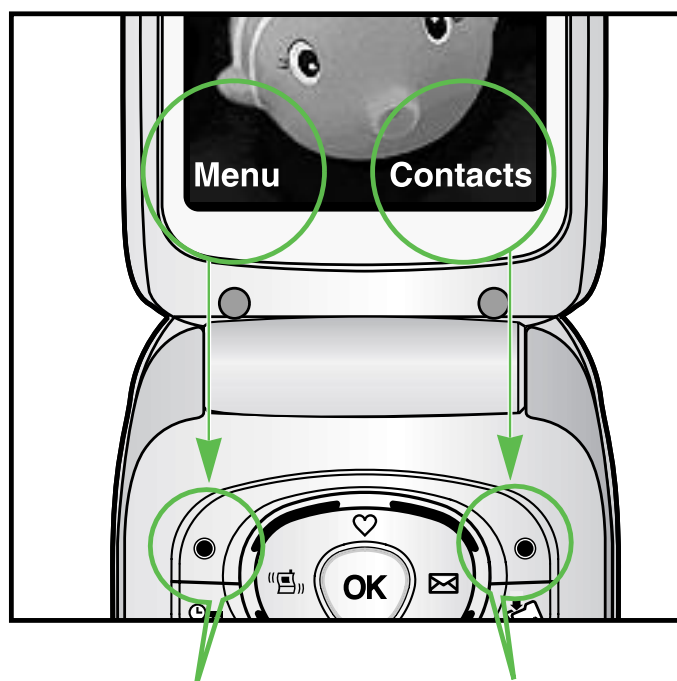
The Symbol Mode enables you to enter various symbols or special characters.

To enter a symbol, press the  key. Use the navigation keys to select the desired symbol and press the [OK] key.

Selecting Functions and Options

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

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



Press the left soft key to access the available Menu.

Press the right soft key to access the available Contacts.

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**].

During a Call

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

Making a Second Call (Network Dependent)

You can get a number you wish to dial from the Address Book to make a second call. Press the Right soft key then select **Contacts**.

Swapping Between Two Calls

To switch between two calls, press  key or the left soft key, and 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 7.4.4).

If Call Waiting is on, you can put the first call on hold and answer the second, by pressing .

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  key.

Muting the Microphone

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

DTMF tones while calling

To switch on DTMF tones while calling (e.g. to use the phone with an automatic switchboard) press the key **[Options]** followed by **Send DTMF – DTMF on**. Select **DTMF off** to disable DTMF tones. DTMF tones are normally on.

Conference Calls

The conference service provides you with the ability to have a simultaneous conversation with more than one caller, if your network service provider supports this feature. A conference call can only be set up when you have one active call and one call on hold, both calls having been answered. Once a conference call is set up, calls may be added, disconnected or separated (that is, removed from the conference call but still connected to you) by the person who set up the conference call. These options are all available from the In-Call menu. The maximum callers in a conference call are five. Once started, you are in control of the conference call, and only you can add calls to the conference call.

Making a Second Call

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

Setting Up a Conference Call

To set 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 Join menu of Conference call.

Activate the Conference Call on Hold

Alternatively press the left soft key [Options] and select Conference/Hold all calls. Other users on hold will stay connected. To return to conference call mode, press the left soft key [Options] followed by Conference call.

Adding Calls to the Conference Call

To add a call to an existing conference call, press the left soft key, and then select the Join menu of Conference call.

Private Call in 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 Private menu of Conference call to put all the other callers on hold.

Ending a Conference Call

Currently displayed caller from a conference call can be disconnected by pressing the  key.

Menu Tree

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- 4 Loud
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Profiles

Menu 1

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

There are six 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 1.x.1

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 1.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 to set the flip tone for adjusting environment.
- ▶ **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 headset.
- **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 1.x.3

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

❗ **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].

Call register

Menu 2

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 Address Book
- Enter a new name for the number and save both in the Address Book
- Send a message by 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 the Address Book
- Enter a new name for the number and save both in the Address Book
- Send a message by this number
- Delete the call from the list

Dialled calls

Menu 2.3

This option lets you view the last 20 outgoing calls (called or attempted).

You can also:

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

Delete recent calls

Menu 2.4

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 2.5

Call duration

Menu 2.5.1

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 2.5.2

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 2.5.3

(SIM Dependent)

- ▶ **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 2.6

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 2.6.1

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

Data volumes

Menu 2.6.2

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

Tools

Menu 3

Calculator

Menu 3.1

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

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 the left soft key  [Result] to view the result.
5. Press the left soft key  [Reset] or enter numbers to repeat the procedure above.
6. To end **Calculator**, press the right soft key  [Back].

Note Use key to erase any numbers or signs. If you press key  , you can input a minus number. In addition, press key  , you can input a decimal number.

Unit converter

Menu 3.2

This converts any measurement into a unit you want. There are 4 types that can be converted into units: **Length, Area, Weight, and Volume.**

1. You can select one of four unit types by pressing  [Unit] key.
2. Select the standard value by using  , .
3. Select the unit you want to convert by pressing  and .
4. You can check the converted value for the unit you want. Also, you can input a decimal number by pressing .

World time

Menu 3.3

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 3.4

The voice memo feature you to record up to 10 voice messages and each memo is up to 15 Seconds.

Record

Menu 3.4.1

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 3.4.2

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

Memory status

Menu 3.5

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

Contacts

Menu 4.1

- ! **Note** In standby mode, press right soft key  [Contacts] to access directly.

Search

Menu 4.1.1

(Calling from phonebook)

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.
 - ▶ **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 4.1.2

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 4.1.3

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 4.1.4

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 dial**, then 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.

Settings

Menu 4.1.5

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

► Set memory

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

- If you select **Variable**, 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.

► Search by

Scroll to highlight **Search by**, then press the left soft key  [Select].

- If you select **Variable**, the phone will ask how to search.
- If you select **Name** or **Number**, the phone will search an entry by Name or Number.

► 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 all

Menu 4.1.6

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.
 - **SIM to Phone:** You can copy the entry from SIM Card to Phone memory.
 - **Phone to SIM:** You can copy the entry from Phone memory to SIM Card.
3. You can see the following submenus.
 - **Keep original:** When copying, Original Dial Number is kept.
 - **Delete original:** When copying, Original Dial Number will be erased.

Delete all

Menu 4.1.7

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

1. Press the right soft key  [Contacts] in standby mode and select Delete all, press  [Select].
2. Then select a memory to erase.
3. Enter security code and Press the left soft key  [OK] or the right soft key  [Back].

Information

Menu 4.1.8

► Service dial number

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

1. Open the phonebook first by pressing the right soft key  [Contacts] in standby mode and select **Information**.
2. Scroll to **Service dial number**, then press the left soft key  [Select] to enter.
3. The names of the available services will be shown.
4. Use  and  to select a service. Press  [Send].

► Memory status

This feature allows you to see how many free and in-use are in your phonebook.

1. Open the phonebook first by pressing the right soft key  [Contacts] in standby mode. Select **Information** by pressing the left soft key  [Select].
2. Scroll to **Memory status**, then press the left soft key  [OK].

► Own number (SIM dependent)

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

Scheduler

Menu 4.2

When you enter this menu a Calendar will show up. On top of the screen there are sections for date. Whenever you change the date, the calendar will be updated according to the date.

And square cursor will be used to locate the certain day. If you see under bar on the calendar, it means that there is a schedule or memo that day. This function helps to remind you of your schedule and memo. The phone will sound an alarm tone if you set this for the note.

To change the day, month, and year.

Key	Description	Key	Description
 	Yearly	 	Weekly
 	Monthly	 	Daily

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

Add new

Menu 4.2.1

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

Menu 4.2.2

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.

View all

Menu 4.2.3

Shows the notes that are set for all days. Use ,  to browse through the note lists. If you want to view the note in detail, press left soft key  [Select].

Delete past

Menu 4.2.4

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

Delete all

Menu 4.2.5

You can delete for the all notes.

Memo

Menu 4.3

1. Select the Memo by pressing the left soft key  [Select].
2. If being empty, Add new by pressing the left soft key  [Add].
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.

Messages

Menu 5

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

Write text message

Menu 5.1

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

1. Enter the **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 followings.
5. If you want to set option for your text, or to finish your writing, press the left soft key  [Options].

 **Note** The phone which supports EMS release 5 is available to send colour pictures, sounds, text styles, etc.. The other party may not receive pictures, sounds or text styles you sent properly if the phone does not support such options.

Insert

- ▶ **Symbol:** You can add special characters.
- ▶ **Picture:** You can insert the Default graphics or graphics in My pictures that are available for short messages.
- ▶ **Sound:** 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 address book.
- ▶ **Signature:** You can add your signature to the message.

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. Press the left soft key  after entering numbers.

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

- ▶ **Save:** Stores messages in Drafts.
- ▶ **Font:** You can select **Size** and **Style** of fonts.
- ▶ **Colour:** You can select **Colour** of foreground and background.
- ▶ **Alignment:** You can make the message contents aligned **Left**, **Center** or **Right**.
- ▶ **Add T9 dictionary:** You can add your own word. This menu can be shown only when edit mode is **Predictive (T9Abc/T9abc/T9ABC)**.
- ▶ **T9 languages:** Select a T9 input mode.
- ▶ **Exit:** If you press **Exit** while writing a message, you can end the writing message and back to the Message menu. The message you have written is not saved.

Write multimedia message

Menu 5.2

You can write and edit multimedia messages, checking message size.

1. Enter the **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 Symbol, Photo, Take photo, Picture, Sound, Voice memo, Text templates.

Options

- ▶ **Send:** You can send multimedia messages to multiple recipients, priorities your message, and make it sent later as well.
- ! **Note**
 - All messages will be automatically saved in the outbox folder, even after a sending failure.
 - Check with your service provider if the Priority service is available.
- ▶ **Preview:** You can preview multimedia messages you wrote.
- ▶ **Save:** You can save multimedia messages **In drafts** or **As template**.
- ▶ **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 timer for slide, text, picture and sound.
 - **Swap text and picture:** You can switch the position of picture and text of the message.

- ▶ **Remove media:** You can remove picture, sound or video in the slide.
- ! **Note** This option can be shown only when any media exists.
- ▶ **Add T9 dictionary:** You can add your own word. This menu can be shown only when edit mode is Predictive (T9Abc/T9abc/T9ABC).
- ▶ **T9 language:** Select a T9 input mode.
- ▶ **Exit:** You can back to the Message menu.
- ! **Note** If you select the picture (15K) on writing multimedia message, loading duration will take around 15 seconds at least. Furthermore, you can't activate any key during loading time. After 15 seconds, it is available to write multimedia message.

Inbox

Menu 5.3

You will be alerted when you have received messages. They will be stored in Inbox.

In 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



Messages

If the phone shows 'No space for SIM message', you have to delete only SIM messages from Inbox. If the phone displays 'No space for message', you can make space of each repository as deleting messages, media and applications.

* **SIM message**

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

For notified multimedia message, you have to wait for downloading and processing of the message.

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

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

Outbox

Menu 5.4

You can see sent and unsent messages here. For sent message, you can see the delivery status.

The browsing is same as that for the inbox message.

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

When you already sent the message:

- ▶ **View:** You can view the sent messages.
- ▶ **Send:** You can send the message.
- ▶ **Delete:** You can delete the current message.
- ▶ **View Information:** You can view information about outbox messages; Recipient's address, Subject (only for Multimedia message), Message date & time, Message type, Message size.
- ▶ **Send all:** You can send all messages didn't send.
- ▶ **Delete all:** You can delete all messages didn't send.

Drafts

Menu 5.5

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:** Modifies the message you choose.
- ▶ **Delete:** Deletes the message you choose.
- ▶ **View information:** To view the information of the message.
- ▶ **Delete all:** Deletes all of the messages in the folder.

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 displays the icon and you hear an alert. Please check with your network provider for details of their service in order to configure the handset correctly.

Info message (Dependent to network and subscription)

Menu 5.7

Info service messages are text messages delivered by the network to GSM. They provide general information such as weather reports, traffic news, taxis, pharmacies, and stock prices. Each type of information has the number; therefore, you can contact service provider as long as you have input the certain number for the information. When you have received an info service message, you can see the popup message to show you that you have received a message or the info service message is directly displayed. To view the message again or not in standby mode, 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 reached.

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 added. If you press  [Options], you can edit and delete info message category which you 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 am on the way.**
- **Top urgent. Please contact.**
- **I love you.**

Multimedia templates

Menu 5.8.2

You can use the following options.

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

Signature

Menu 5.8.3

You can make your Signature.

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 via same service centre:** 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 download:** 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 **Homenetwork** 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 types

Personal: Personal message.

Advertisements: Commercial message.

Information: Necessary information.

Voice mail centre

Menu 5.9.3

You can receive the voicemail if your network service provider supports this feature. When a new voicemail is 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 5.9.4

► 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.

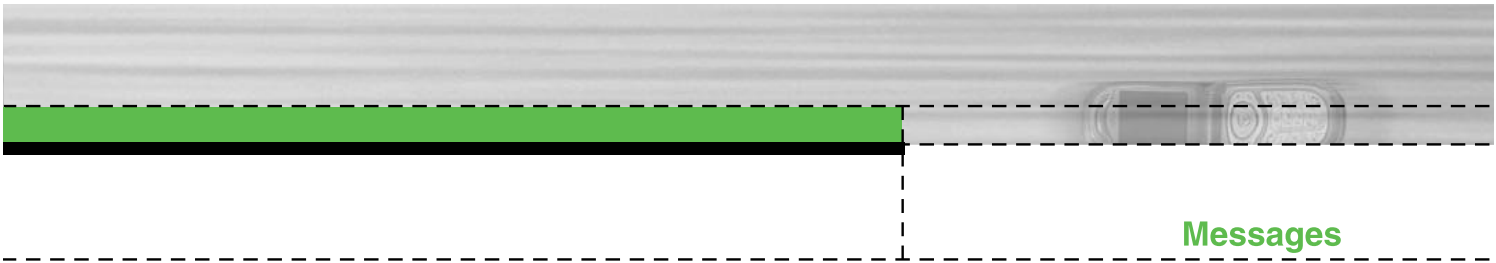
► Alert

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 5.9.5

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

Camera

Menu 6

With the camera you can take pictures of people and events while on the move.

Take picture

Menu 6.1

• To take a picture with Folder opened

1. Select Take picture, and then press . If you want to reach this menu directly, press  for a long time.
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 pressing the navigation key. ( or .

- ▶ **Zoom** []: Allows you to set the zooming value from x1 to x5 depends on resolution.
- ▶ **Colour** []: 3 settings are available: Color, Sepia, Black/White
- ▶ **Brightness** []: Use the right/left navigation keys to adjust lighting. 5 lighting levels are available: -2, -1, 0, +1, +2.
- ▶ **Autoshoot** []: Allows you to select the delay time (off, 3 Seconds and 5 Seconds). Then the phone takes a photo after the specified time.
- ▶ **Memory status** []: Check the available memory to take new pictures.
- ▶ **Flash** []: Allow you to set the flash when you take a photo in dark place.
- ▶ **Resolution** []: Allows you to set the image size to one of Hi (640x480), Med (320x240), Low (128x160) and phonebook (48x48).
- ▶ **Picture quality** []: Allows you to set the image quality from Basic, Normal and Fine.

• To take a picture with Folder closed

You can see yourself by sub LCD, when you take your self-portrait.

1. Press [] for a long time.
2. Select **Take picture** highlight with side volume key [], then press [].
3. Focus on the subject to capture the image, and then press [].
This time, the picture is saved automatically.

- **Take picture:** Activate the Take picture mode.
- **Slide show:** View the pictures in Album as slide show.
- **Torch:** Activate the flash light.
- **Back:** Go back to the previous menu.

Take in modes

Menu 6.2

You can take a picture on the various of backgrounds. Furthermore, you can select a frame by pressing the navigation key ( or ).

Note In this mode, you can't change the settings of resolution.

Take continuously

Menu 6.3

You can take the maximum of 9 pictures subsequently at the same time. After taking a picture, you can view it by pressing the left soft key . You can also save it by pressing the left soft key .

Note If you set 320x240 in resolution, you can take only 6 pictures. In case of 128x160, it is available to 9 pictures.

Album

Menu 6.4

You can view and send a picture. In addition, you can set the window as a background.

All pictures

Menu 6.4.1

You can view all pictures in order.

General pictures

Menu 6.4.2

You can view all pictures except of frame and phone book ones.

Mode pictures

Menu 6.4.3

You can view all frame pictures.

• Options

- ▶ **Multi view:** You can view the maximum of 9 thumbnails in a screen.
- ▶ **Write multimedia message:** You can send a picture thru MMS.
- ▶ **Set as wallpaper:** You can set a picture as a wallpaper.
- ▶ **Slide show:** This menu allows you to view as a slide show automatically.
- ▶ **Delete:** You can delete a picture.
- ▶ **Edit title:** You can edit the title of picture.
- ▶ **View information:** You can view the information about Title, Size, Date and Time you've taken.
- ▶ **Protection:** You can lock the picture for deleting in mistakes in this menu.

Phonebook pictures

Menu 6.4.4

You can view all phonebook pictures.

- ▶ **Set as wallpaper:** You can set a picture as a wallpaper.
- ▶ **Slide show:** This menu allows you to view as a slide show automatically.
- ▶ **Delete:** You can delete a picture.
- ▶ **Edit title:** You can edit the title of picture.
- ▶ **View information:** You can view the information about Title, Size, Date and Time you've taken.
- ▶ **Protection:** You can lock the picture for deleting in mistakes in this menu.

Settings

Menu 6.5

Memory status

Menu 6.5.1

You can check the capacity of photo and free memory.

Clear album

Menu 6.5.2

You can delete all pictures which saved in a memory.

Auto save

Menu 6.5.3

Automatically saves the pictures taken with the camera.

Settings

Menu 7

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**.

Alarm clock

Menu 7.1

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].
4. Edit the alarm name and press  [OK].

Date & Time

Menu 7.2

You can set functions relating to the date and time.

Set date

Menu 7.2.1

You can enter the current date.

Date format

Menu 7.2.2

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 7.2.3

You can enter the current time.

Time format

Menu 7.2.4

Your 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 Metalic 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.

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 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**

Activate the corresponding service.

- To voice mail centre**

Forwards to message centre. This function is not shown at All data calls and All fax calls menus.

- To other number**

Inputs the number for diverting.

- To favourite number**

You can check recent 5 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 (network and subscription dependent)

Menu 7.4.3

► **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 (network dependent)

Menu 7.4.4

► **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 roaming**

The barring service for all international outgoing calls except home network.

► **All incoming**

The barring service for all incoming calls

► **Incoming when roaming**

The barring service for all incoming calls when roaming

► **Cancel all**

You can cancel all barring services.

► **Change password**

You can change the password for 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 (SIM dependent)

Menu 7.5.4

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: **PIN code**, **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 7.6

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

Automatic

Menu 7.6.1

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 7.6.2

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 7.6.3

You can set a list of preferred networks and the phone attempts to register with first, before attempting to register to any other networks. This list is set from the phone’s predefined list of known networks.

Reset settings

Menu 7.7

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

GPRS setting

Menu 7.8

You can set GPRS service depending on various situations.

Service

Menu 8

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 8.1.1

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 8.1.2

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.

Profiles

Menu 8.1.3

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.
 - IP address:** Enter the IP address of the WAP gateway you want.
 - 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)
 - Call speed:** The speed of your data connection ; 9600 or 14400
 - 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.

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

IP address: Input the IP address of the WAP gateway you access.

APN: Input the APN of the GPRS.

User ID: The users identify for your APN server.

Password: The password required by your APN server.

- **Connection Type:** The options for connection type are Temporary or Continuous and depend on the gateway you are using.

Continuous

A confirmed delivery mechanism but generates more network traffic.

Temporary

A non-confirmed (connectionless) service.

HTTP

Connecting Clients to Server directly in HTTP

- **Proxy settings**

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

Port: 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

- **Secure settings:** According to the used gateway port, you can choose this option as On or Off.
- **Display image:** You can select whether images on WAP cards are displayed or not.

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

Go to URL

Menu 8.1.4

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

Cache settings

Menu 8.1.5

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

Clear cache

Removes all context saved in cache.

Check cache

Set a value whether a connection attempt is made through cache or not.

! **Note** A cache is a buffer memory, which is used to save data temporarily.

Cookies settings

Menu 8.1.6

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

- ▶ **Clear cookies:** Removes all context saved in cookie.
- ▶ **Check cookies:** Check whether a cookie is used or not.

Security certification

Menu 8.1.7

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.

Reset profiles

Menu 8.1.8

You can reset profiles to return to original settings.

Browser version

Menu 8.1.9

The WAP browser version is displayed.

SIM service

Menu 8.2

This menu depends on SIM and the network services.

Downloads

Menu 9

Games & more

Menu 9.1

My games & more

Menu 9.1.1

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. Using the left soft key  [Menu], the following menus are available.

- ▶ **Launch:** Start the selected application.
 - ▶ **Info:** Shows the information of the application.
 - ▶ **Option:** Some Java applications may require a data connection to be made. 3Select this to set the connecting options.
 - **Always:** The connection is created immediately without a notification.
 - **Prompt:** You will be asked before the application makes the connection.
 - **Never:** No connection is allowed.
- ❗ **Note** You cannot remove or rename the preinstalled folder or a game in the folder.

Java™, is a technology developed by Sun Microsystems. Similar to the way you would download the Java Applet using the standard Netscape or MS Internet Explorer browsers, Java MIDlet can be downloaded using the WAP enabled phone. Depending on the service provider, all Java based programs such as Java games can be downloaded and run on a phone. Once downloaded, the Java program can be viewed in the **My games & more** menu where you can select, execute, or delete. The Java program files saved in the phone are in .JAD or .JAR format.

- ❗ **Note**
- The JAR file is a compressed format of the Java program and the JAD file is a description file that includes all detailed information. From the network, prior to download, you can view all detailed file descriptions from the JAD file.
 - While being based on a standard language (J2ME), not all Java applications are compatible with all handsets on sale insofar as specific libraries may be used for a telephone model. The software may be blocked or switch itself on when Java applications not specifically developed for the phone this manual refers to are downloaded, making it necessary to “restart” the handset. We would like to point out that these problems are caused by incompatible applications and are not a product fault.

- ❗ **Caution**
- Only J2ME (Java 2 Micro Edition) based programs will run in a phone environment. The J2SE (Java 2 Standard Edition) based programs will only run in a PC environment.

Profiles

Menu 9.1.2

This menu contains the same settings of the Internet menu. In fact, in order to download new applications, a WAP connection is needed.

Pictures

Menu 9.2

The left soft key  [Options] will bring up the following options.

- ▶ **Set as wallpaper:** Currently selected Picture can be set as a Wallpaper.
- ▶ **Write multimedia message:** Downloaded Picture can be sent via MMS.

Sounds

Menu 9.3

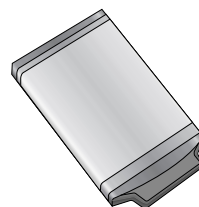
The left soft key  [Options] will bring up the following options.

- ▶ **Set as ringtone:** This sets the Ring Tone with currently selected Sound.
- ▶ **Write messages:** Melody Sound can be sent via SMS and MMS.

Accessories

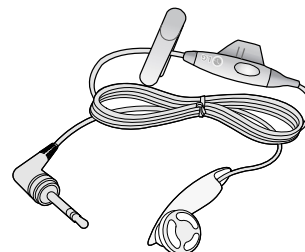
There are various accessories for your mobile phone. You can select these options according to your personal communication requirements.

Standard Battery



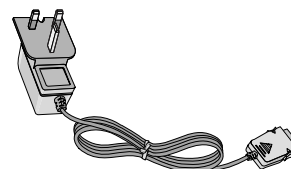
Stereo headset

Allows hands-free operation. Includes earpiece and microphone.



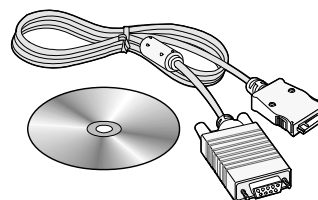
Travel Adapter

This charger allows you to charge the battery while away from home or your office.



Data cable/CD

You can connect your phone to PC to exchange the data between them.



- Note**
- Always use genuine LG accessories.
 - Failure to do this may invalidate your warranty.
 - Accessories may be different in different regions; please check with our regional service company or agent for further enquires.

Technical Data

General

Product name: F2300

System : GSM 900 / DCS 1800

Ambient Temperatures

Max: +55°C

Min : -10°C

Declaration of Conformity



LG Electronics

Suppliers Details

Name

LG Electronics Inc

Address

LG Electronics Inc. LG Kang-nam Tower
679, Yoksam-dong, Kangnam-gu, Seoul, Korea

Product Details

Product Name

E-GSM 900 / GSM 1800 Dual Band Terminal Equipment

Model Name

F2300

Trade Name

LG

CE 0168

Applicable Standards Details

R&TTE Directive 1999/5/EC

EN 301 489-7 : 2002

EN 60950 : 2001

EN 50360 : 2001

3GPP TS 51.010-1,

Selection according to GCF-CC 3.12.0 including requirements of EN 301 511, v7.0.1

Supplementary Information

The conformity to above standards is verified by 7Layers and Phoenix with Certificate No.(04-510078) and GSM test report (no.4_LGE_1903_GSM_1), EMC test report(no. 4_LGE_1903_GSM_EMCa), safety test report(no. 6620_392b) and SAR test report(no. S40046)

Declaration

I hereby declare under our sole responsibility that the product mentioned above to which this declaration relates complies with the above mentioned standards and Directives

Name

Issued Date

Jin Seog, Kim / Director

12.Mar.2004

LG Electronics Inc. Amsterdam Office
Veluwezoom15, 1327 AE Almere, The Netherlands
Tel : +31 - 36- 547 - 8940, e-mail : seokim @ lge.com

Signature of representative

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

- (1) The limited warranty for the product extends for ONE(1) year beginning on the date of purchase of the product.
- (2) The limited warranty extends only to the original consumer purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.
LG offers a limited warranty for genuine LG battery packs, extending six(6) months from the date of purchase.
- (3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in AUSTRALIA.
- (4) During the limited warranty period, any defective LG Product or parts will be repaired or replaced by LG or its authorised service centre, at LG option, with new or factory rebuilt replacement items. LG or the authorised service centre, will return the Product to the Customer in working condition. No charge for either parts or labour in repair or replacement of the Product will be incurred by the Customer. If parts, boards or equipment are replaced, they shall become the property of LG. The external housing and cosmetic parts of the Product shall be free of defects at the time of purchase and shall not be covered under these limited warranty terms.
- (5) Upon request form LG, the consumer must provide information to reasonably prove the date of purchase.
- (6) The Customer will be bear the cost of transporting, delivering and handling the Product to and from LG or its authorised service centre.
- (7) The benefits available from this limited warranty are in addition to all other is in force form state to state.

2. WHAT THIS WARRANTY DOES NOT COVER:

- (1) Defects of damage resulting from use of the product in other than its normal and customary manner.
- (2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.
- (3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- (4) If the Customer does not notify LG of the alleged defect or malfunction of the Product during the applicable limited warranty period, the Customer shall have no coverage or benefits under this limited warranty.
- (5) Products which have had the serial number removed or made illegible.
- (6) If the battery short circuits or the seals of the battery are broken or show evidence of tampering or the battery was used in equipment in a manner other than that which has been specified, the Customer shall have no coverage or benefits under this limited warranty period.
- (7) Damage resulting from use of non LG approved accessories.
- (8) All plastic surfaces and all other externally exposed parts that are scratched or damages due to normal customer use.
- (9) Products operated outside published maximum ratings.
- (10) Products used or obtained in a rental program.
- (11) Consumables (such as fuses.)
- (12) If the LCD screen is broken or show evidence of tampering which caused the damage, the Customer shall have no coverage or benefits under this limited warranty period.

3. WARRANTY STATEMENT

ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OF USE, SHALL BE LIMITED TO THE DERATION OF THE FOREGOING WRITTEN WARRANTY. OTHERWISE, THE FOREGOING WARRANTY IS THE PURCHASER SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. LG SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR A LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OR IMPAIRMENT OF PRIVACY OF CONVERSATIONS, WORK STOPPAGE OR LOSS OR IMPAIRMENT OF DATA ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT.

4. HOW TO GET WARRANTY SERVICE:

To obtain information regarding warranty service, please call the following telephone number from anywhere in AUSTRALIA:

LG Electronics Australia Pty Ltd
23 Pike Street
Rydalmere NSW 2116
Locked Bag 9
Rydalmere Business Centre 1701
Tel. 1800-638-080 Fax. 02-9684-8093



LG Electronics Australia Pty Ltd.