GPRS Phone

USER'S MANUAL

MODEL: L1100

Please read this manual carefully
before operating your mobile phone.
Retain it for future reference.

Introduction

Congratulations on your purchase of the advanced and compact L1100 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 L1100 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 0.712 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 (for example USA, Canada, Australia and Taiwan).

Guidelines for safe and efficient use

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.
- 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.

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 as a higher power level that 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.

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 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.

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.

Important Information

This user 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 guide could void your warranty for this equipment.

Before You Start

Safety Instructions

WARNING! To reduce the possibility of electric shock, do not expose your phone to high humidity areas, such as the bathroom, swimming pool, etc.

Always store your phone away from heat. Never store your phone in settings that may expose it to temperatures less than 32°F or greater than 104°F, such as outside during a snowstorm or in your car on a hot day. Exposure to excessive cold or heat will result in malfunction, damage and/or catastrophic failure.

Be careful when using your phone near other electronic devices. RF emissions from your mobile phone may affect nearby inadequately shielded electronic equipment. You should consult with manufacturers of any personal medical devices such as pacemakers and hearing aides to determine if they are susceptible to interference from your mobile phone. Turn off your phone in a medical facility or at a gas station. Never place your phone in a microwave oven as this will cause the battery to explode.

IMPORTANT! Please read the TIA SAFETY INFORMATION on page 103 before using your phone.

Safety Information

Please read and observe the following information for the safe and proper use of your phone and to prevent any unanticipated damage. Also, keep the user's manual in an accessible place at all times after reading it.

- Unplug the power cord and charger during a lightning storm to avoid electric shock or fire.
- Do not use your phone in high explosive areas as the phone may generate sparks.
- Do not put your phone in a place subject to excessive dust, and keep the minimum required distance between the power cord and heat sources.
- Do not damage the power cord by bending, twisting, pulling, or subjecting it to heat. Do not use the plug if it is loose as it may cause fire or electric shock.
- Hold the power cord plug firmly to plug and unplug the power cord. Ensure the plug is firmly connected. If it is not firmly connected, it may cause excessive heat or fire.
- Do not place a heavy item on the power cord. Do not allow the power cord to be crimped as it may cause fire or electric shock.
- Be careful not to let the battery contact metal conductors such as a necklace or coins. When shorted, it may cause an explosion.
- Do not disassemble or impact the battery as it may cause electric shock, short-circuit, and fire. Store the battery in a place out of reach of children.
- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book or a subway ticket, near your phone. The magnetic strip can be damaged by the phone.
- Do not hold or let the antenna come in contact with your body during a call.
- Talking on your phone for a long period of time may reduce the call quality due to heat generated during the use of the phone.
- Do not allow excessive vibration or impact to the phone.
- When you do not plan to use the phone for a long period of time, store it in a safe area with the power cord unplugged.

For Your Safety

FCC RF Exposure Information

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 antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm between the user's body and the back of the phone. 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. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 0.6 inches (1.5 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Vehicle Mounted External Antenna (optional, if available)

A minimum separation distance of 8 inches (20 cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

For more information about RF exposure, visit the FCC website at www.fcc.gov.

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.

Cautions for Battery

- Do not disassemble.
- Do not short-circuit.
- Do not expose to high temperature: 60°C (140°F).
- Do not incinerate.

Battery Disposal

- Please dispose of your battery properly or bring to your local wireless carrier for recycling.
- Do not dispose in fire or with hazardous or flammable materials.

Adapter (Charger) Cautions

- Using the wrong battery charger could damage your phone and void your warranty.
- The adapter or battery charger is intended for indoor use only.

Do not expose the adapter or battery charger to direct sunlight or use it in places with high humidity, such as the bathroom.

Contents

Contents

Phone components

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LCD Screen

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Navigation keys

Left soft Key

Right soft Key

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End/Power Key

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Clear Key

1 ∞	2 abc	3 def
4 ghi	5 jkl	6 mno
7 pqrs	8 tuv	9 wxyz

Alphanumeric keys

Star Key

Hash Key

Microphone

Your phone's features

Key	Description
Left soft key / Right soft key	**Left soft key / Right soft key** Each of these keys performs the function indicated by the text on the screen immediately above it.

Navigation keys	**Navigation keys**
	Use for quick access to phone functions.
	• **Up navigation key**
	  By pressing this key in standby mode, you can move the bottom of the address book.
	• **Down navigation key**
	  You can move the top of the address book.
	• **Left/ Right navigation key**
	  A shortcut key to the Orange world menu.
	OK key (=Confirm key)
	Selects menu options and confirms actions.

Send Key	**Send Key** Dials a phone number and answers incoming calls. You can also quickly access the latest incoming, outgoing and missed calls by pressing the key in standby mode. In standby mode, you can access call register menu if you press this key for a long time.
0 ± ∫ 9 wxyz	**Alphanumeric keys** Enter numbers, letters and some special characters.
End / Power key	**End / Power key** Used to end a call or reject a call and also to go back to standby mode. Hold this key down to turn the phone on/off.

Your phone

Key	Description
C	**Clear key** Deletes a character by each press. Hold the key down to clear all input all input. Also use this key to go back to the previous screen.
📷	**Camera key** Press this key to use the camera feature. Directly goes to the camera mode.
📲	**Orange key** A shortcut key to Orange world menu.

Side of the Key

Key	Description
△▽	**Side Key** • Controls the volume of key tone in standby mode with the sliding keypad down. • Controls the earpiece volume during a phone call. • With the sliding keypad up, pressing one of these displays the current time and date by turns.

Display information

The table below describes various display indicators or icons that appear on the phone's display screen.

On-Screen Icons

Icon	Description
📶	Indicates the strength of the network signal.
📞	Indicates a call is in progress.

Icon	Description
G₁₁ll	Indicates that GPRS service is available.
R	Indicates that you are roaming on another network.
🕃	Indicates the alarm has been set and is on.
▥	Indicates the status of the battery charge.
✉	Indicates the receipt of a text message.
⊙⊙	Indicates the receipt of a voice message.
▥	Indicates the receipt of a MMS message.
▥	Indicates that the vibration ringer has been set.
@	Indicates the receipt of an e-mail message.
🎵	Indicates the Loud profile is activated.
╦	Indicates the Silent profile is activated.
🎧	Indicates the Headset profile is activated.
🚗	Indicates the Car profile is activated.
♪	Indicates the General profile is activated.
▤	Indicates that you can use the push message service.
▦	Indicates that you have a schedule for the selected day in the schedule menu.
ⓦ	Indicates that the phone is accessing the WAP.
⒢	Indicates that you are using GPRS.
♤	Indicates that you entered the security page.

Installing the SIM card and the handset battery

1. Make sure the power is off before you remove the battery. Press the battery release latch up and remove the battery from the phone at a 45 degree angle.
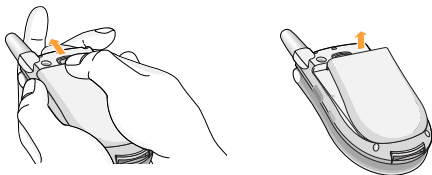
Note

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

2. 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.
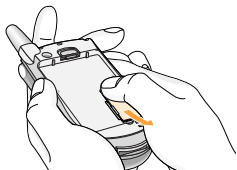
To insert the SIM card   To remove the SIM card
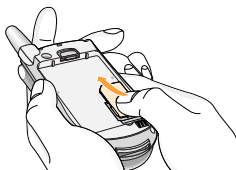
Note

• 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.

2. Position the lugs on the bottom of the battery into the retaining holder. Then, push the top half of the battery into position until the latch clicks
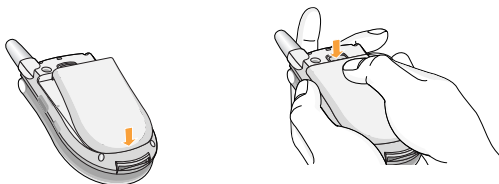
Charging the battery

Only use the mains adapter supplied with your phone.

1. With the battery in position on the phone, connect the lead from the travel adapter to the bottom of the phone. Make sure that the arrow on the lead connector is facing towards the front of the phone.

2. Connect the other end of the adapter to the power outlet.

Caution

• Use of unauthorised accessories could damage your phone and invalidate your warranty.
  Do not force the connector as this may damage the phone and/or the mains adapter.

Getting started

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. After detaching and reattaching the battery, please attempt to recharge the battery.

Turning your phone on and off

Turning your phone ON
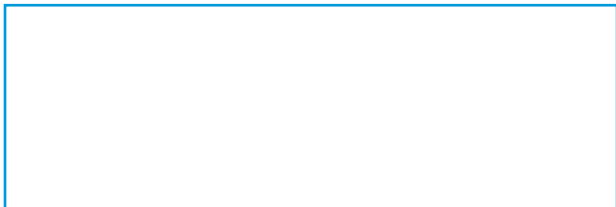
1. Install a battery to the handset and connect the phone to an external power source such as the travel adapter, cigarette lighter adapter or hands-free car kit. Or install a charged battery pack to the handset.

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.

Note

• Like any other radio devices, avoid any unnecessary contact with the antenna while your phone is on.

Turning your phone OFF

1. Press 🖉 for a few seconds until the LCD screen is 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 3-6-5].

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 the **Call barring** function. You obtain the password from your network operator when you subscribe to this function. See page 84 for further details.

Making and answering calls

Making a call

1. Make sure your phone is switched on.

2. Enter a phone number, including the area code. To edit a number on the LCD screen, press the right/left navigation keys to move the cursor to the desired position or simply press the clear key (⌫) to erase one digit at a time.

▶ Press and hold the clear key (C) 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. You can also end the call by sliding the keypad up.

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 [0] 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. For further details on the Address book feature, please refer to page 39-40.

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.

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 address book) is displayed.

1. To answer an incoming call, open the flip.

Note

▶ You can answer a call while using the Address book or other menu features.

2. To end the call, closed the flip or press the .

Manner mode (Quick)

You can activate the manner mode by pressing and holding down one of the side keys ( ) in the state of sliding keypad up.

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 address book, writing a message, creating a personal greeting or scheduling events in the calendar all require entering text.

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

WORD

Save   Back
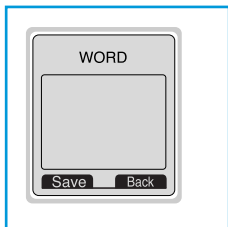
1. When you are in a field that allows characters to be entered, you will notice the text input mode indicator in the lower right corner of the LCD screen.

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 [2 abc] to [9 wxyz]. 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 [4 ghi] [6 mno] [6 mno] [5 jkl] to type **Good.**
• Press [4 ghi] [6 mno] [6 mno] [3 def] [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 ⌨️0± key. To delete letters, press ⌨️c. Press and hold down to erase ⌨️c 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 ⌨️2abc to ⌨️9wxyz 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 ⌨️0± key once. To delete letters, press the ⌨️c key. Press and hold down the ⌨️c 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	. , - ? ! ' @ : 1
2 abc	A B C 2	a b c 2
3 def	D E F 3	d e f 3
4 ghi	G H I 4	g h i 4
5 jkl	J K L 5	j k l 5
6 mno	M N O 6	m n o 6
7 pqrs	P Q R S 7	p q r s 7
8 tuv	T U V 8	t u v 8
9 wxyz	W X Y Z 9	w x y z 9
0 ±	Space key	Space key

▶ 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.

Address book

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

In addition, you can store up to 255 numbers and names in the phone memory.

The SIM card and phone are both used in the same way in the **Address book** menu. (Refer to page 39-44 for details.)

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 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 address book to make a second call. Press the right soft key then select **Search**. To save the dialled number into the address book 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 3-3-4] on page 49.

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

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.

Ending a conference call

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.

Startup Wizard

welcome

Get started with Orange straight away.

Press:

📷 to launch the camera.

🌐 to connect to Orange World.

get started

Instant access when you need it.

✉️ Send and receive text and photo messages.

📞 Keep track of your calls.

🌐 Connect to Orange World.

🕐 Manage your times.

top tips

In the main menu press;

🎲 to access great online content from Orange.

🎮 to play games and use other applications.

🖼️ to check your photos, videos and ring tones.

see again?

Will you see start up wizard again?

Yes   No

Homescreen Aggregator

HOMESCREEN ITEMS

messages ⊠	calls 📄	diary 📅	Orange world 🏠
Text msg. (3)	Missed(3)	Calendar	Orange world
Picture msg. (1)	Received	Memo	Your page
Answer phone	Dialled		Channel guide
	Delete all		

• Homescreen/idle

- IDLE STATE

The idle state displays the four homecreen icons with no selectable items listed. Moving up or down takes the user to the (bottom or top of) address book. Moving right or left selects the first (or last) of the icons, and displays a list of selectable items (homescreen state).

- HOMESCREEN STATE

The homescreen state displays the four homescreen icons with one selected, and a list of navigable items displayed. Moving up or down navigates up or down the list of selectable items. Moving right or left navigates through the 4 homescreen icons.

The phone reverts to idle state if the handset is closed and opened, if the clear button is pressed, or if the red key is pressed.

Call register

You can check the record of missed, received, and dialled calls only if the network supports 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 and costs.

Press the send key ( ) for a long time to enter Call register menu.

Missed calls

This option lets you view the last 10 unanswered calls. After pressing the left soft key [Option], 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 in the address book.

• Send a message to this number.

• Delete the call from the list.

Note

• You can delete all the call records from the list using the **Delete recent calls** menu.

Received calls

This option lets you view the last 10 incoming calls. After pressing the left soft key [Option], 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 in the address book.

• Send a message to this number.

• Delete the call from the list.

Dialled calls

This option lets you view the last 10 outgoing calls (called or attempted). Using the [Option] key, 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 in the address book.

• Send a message to this number.

• Delete the call from the list.

Note

• You can delete all the call records from the list using the **Delete recent calls** menu.

Delete recent calls

Use this to delete the missed call list, received call list, or dialled call list. You can also delete all call lists at a time selecting **All calls.**

Call durations

Use this to view the duration of your incoming and outgoing calls. You can check each call duration at the bottom of screen while scrolling using the up/down navigation keys. Pressing the [OK] key or the left soft key [Reset] resets the call timer of selected call. To prevent accidental reset, you are requested to enter the PIN2 code.

Note

• You can delete all the call records from the list using the **Delete recent calls** menu.

- **Last call**: Length of the last call
- **Received calls**: Length of the incoming calls
- **Dialled Calls**: Length of the outgoing calls
- **All calls**: Total length of all calls made or received calls since the timer was last reset.

Note

• The actual time invoiced for calls by your service provide may vary, depending on network features, rounding-off for billing, etc.

Call costs

This network service allows you to check the last call cost and the total call cost. The call cost is displayed on the bottom of the LCD screen. To reset the call cost, press the left soft key [Reset] or the OK key. You are requested to enter the PIN2 code.

Note

• The actual cost invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing, taxes, etc.

Cost settings

- **Call cost's limit**: This network service allows you to limit the cost of your calls to the number of charging units or units of currency. You can make or receive a call up to the specified cost limit. You can change the call cost's limit after entering the PIN2 code.
- **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 **1 Unit** in this menu, you need the PIN2 code.

- **Auto display**: This network service allows you to see automatically the cost of your last call. If you select **On** in **Auto display** menu, you can see the cost of the last call when the call is released.

GPRS information

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.
(GPRS stands for General Packet Radio Service.)

• WAP

You can check the data volume and the time spent using WAP. On the selected menu, pressing the left soft key [Reset] or the OK key clears the counter.

• External device

You can check the data volume and the time spent using GPRS with an external device such as a serial port.

• Total data

You can check the total amount of data through WAP and the external device.

Camera

The L1100 has a built-in camera. It supports Zoom, White balance, Colour/Sepia/Grey settings, and Multi burst functions.

Take picture

Press the camera key ( ) in standby mode.

1. Focus on the subject to capture, then press the [OK] key or the down side key or camera hot key.

Note

• In the preview mode, you can immediately go to Gallery by pressing the right soft key [Gallery].

2. 'Saved' is displayed in the top left of the captured image. The captured image is then automatically saved.

Note

• The remaining memory is shown in the top right of the image. If there is insufficient memory, the image size is automatically reduced. If the memory is full, 'memory full' is displayed and you cannot take any more picture. Create space by deleting old images.

3. Press the [OK] key to continue taking pictures. Or press the right soft key [Delete] to delete the image.

< Options before taking a picture >

Press the left soft key [Options] to set the options in the preview mode. You can select the desired option by pressing the [OK]. And you will see the current option setting value in the top left of the preview screen.

Then you can modify the desired value by pressing the left/right navigation keys. If you press the [OK] or left soft key [Done], the selected option value is set and return to the preview mode.

You can set the following options.

Note

- The larger the image size, the better the image quality. However, this will use more memory.

1. **Image size**: Select the desired image size to be captured. [640x480, 320x240, 160x1120, 128x160, 48x80]

2. **Brightness**: Select the desired brightness. [-2 ~ +2]

3. **White balance**: Select the desired white balance. [Auto/ Daylight/ Incandescent/ Cloudy/ Fluorescent]

4. **Zoom**: Select the zoom factor [x1, x2, x4]

5. **Colour effect**: Select Colour/Sepia/Mono mode by using the left/right navigation keys.

6. **Multi burst**: Select the number of images to be captured in multi burst mode.

7. **Shutter sound**: Select shutter sound.

8. **Defer settings**: Return to the default factory settings.

Gallery

Then select image category.
[All pictures / General pictures / Address book pictures]
You can view, organise and send pictures saved in your phone.

1. Use the navigation keys to select the picture you want a full screen view of.

2. Press the [OK] key. You will see the name of the image on top of the LCD screen.

3. Press the left soft key [Options] to access the following submenus.

- **Thumbnail/Enlarge**: You can view the selected image.

- **Send via MMS**: Sends MMS picture messages using the selected image. See page( ) about writing MMS message.

- **Set as wallpaper**: Set the selected image as wallpaper.

- **Slide show**: Plays back every image in the selected category in succession, in order. To stop the slide show playback, press the ⌐c⌐ key.

- **Rename**: You can change the title of the selected image.

- **Delete**: Deletes the selected image.

- **Delete all**: Deletes all images in the selected category.

- **Picture information**: You can check the title, size, date and time of the selected image.

4. To go back to the Camera menu, press the right soft key [Back].

Memory Status

You can check the memory status in your phone.
[total size/used size/free size]

1 Broswer

1 Home
2 Bookmarks
3 Go to URL
4 Service messages
5 Cache settings
6 Account settings
7 Security

2 Profiles

1 Vibrate only
2 Silent
3 General
4 Outdoor
5 Headset
6 Car

3 Extras

1 Calendar
2 Memo
3 Alarm clock
4 Voice recorder
5 Calculator
6 Unit converter
7 World time
8 Activate IrDA

4 Orange World

1 Orange World
2 Your page
3 Channel guide
4 Your phone
5 Orange PLUS

Menu tree

5 Messages

1 Text message
2 Picture message
3 Answer phone
4 Info services
5 Templates
6 Memory status

6 Media album

1 Picture
2 Animation
3 Sound
4 Memory status

7 Apps & Games

1 Applications
2 Games
3 Download
4 Information

8 Address book

1 Search
2 Add new
3 Speed dials
4 Voice list
5 Caller groups
6 Copy all
7 Delete all
8 Settings
9 Information

9 Settings

1 Date & Time
2 Display settings
3 Call settings
4 Network settings
5 GPRS settings
6 Security settings
7 Reset settings

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 ⬅ and ➡. 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 activate the corresponding action.
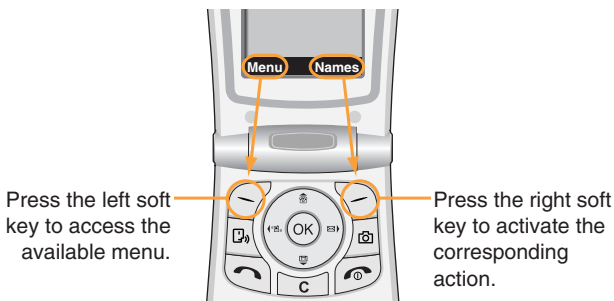
Press the Menu key ⌒⁊ and select **Broswer** using navigation keys.

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.

Please contact your network operator to open your Internet account. To use the Web Browser, you must indicate your phone number via the **Own number** menu option

Once connected, the homepage is displayed. The content depends on the service provider.

You can access any website page by entering its URL address. To exit the browser at any time, press the ⌒ key. The phone will return to the standby mode.

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
⌐c⌐	Returns to the previous page
(OK)	Selects options and confirms actions

Using the WAP browser menu

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

Note

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

Home [Menu 1-1]

Connect 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 1-2]

Set the current page as a new bookmark or move an established bookmark. Your phone may have some pre-installed bookmarks for sites not affiliated with LG. LG does not warrant or endorse these sites. If you choose to access them, you should use the same security or content precautions as you would with any site.

E-mail server [Menu 1-2-1]

• **Connect**

Connects to the E-mail server that you configured.

• **Edit address**

Edit the E-mail address.

Go to URL [Menu 1-3]

You can connect directly to the site you want. To do this, you need to enter a specific URL.

Service messages [Menu 1-4]

Inbox [Menu 1-4-1]

You can order Push messages from WAP service providers. Push messages are notifications of, for example, news headlines and they can contain a text message or the address of a WAP service. For availability and subscription, contact your WAP service provider. Service providers can update an existing Push message every time a new Push message is received. Messages can be updated even if you have moved them to another folder. When Push messages expire, they are deleted automatically.

• **Information**

  Shows the information of received push messages.

• **Load**

  Connects to a specific site using the information in the received push message.

• **Delete**

  Deletes the selected push message.

Receive [Menu 1-4-2]

You can choose whether or not you wish to receive push messages.

Cache settings [Menu 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.

Account settings [Menu 1-6]

For more information, consult your network operator.
Each profile has submenus as follows:

- **Activate:** Activates the selected profile.

- **Settings:** Use this to edit and change WAP settings for the selected profile.

- **Rename:** You can change the selected profile's name.

- **Delete:** Deletes the selected profile from the list.

- **Add new:** You can add a new profile.

Note

- The changes using these options may affect the MMS function.

Note

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

Security [Menu 1-7]

A list of the available certificates is shown.

Profiles [Menu 2]

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, Outdoor, Headset** and **Car**. Each profile can be personalised.

Press the Menu key (⌧) and select **Profiles** using navigation keys.

Changing the profile [Menu 2-x-1]

1. A list of **profiles** is displayed.

2. In the **Profile** list, scroll to the profile you want to activate and press the left soft key [Select] or OK key.

3. Then, select **Activate**.

Customising profiles – Personalise [Menu 2-x-2]

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

Incoming call alert: Set the alert type for incoming calls.

Ringing tone: Select the desired ring tone from the list. Scroll through the list using up/down navigation keys. You can hear the desired tone prior to making a selection.

Ringing volume: Set the volume of the ringing tone.

Message alert type: Set the alert type for messages.

Message alert tone: Select the alert tone for messages.

Keypad tone: Select the desired keypad tone.

Key volume: Set the volume of keypad tone.

Flip tone: Set the flip tone for flip open and close.

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.

Automatic answer: (only in Headset profile and Car profile) You can activate the automatic answer feature. Select the time before answering automatically.

Customising profiles – Rename [Menu 2-x-3]

You can rename a profile and give it any name you want. **Vibrate only, Headset** and **Car** profiles cannot be renamed.

1. To change the name of a profile, scroll to the profile in the profile list and after pressing the OK key or the left soft key, select **Rename**.

2. Key in the desired name and press the OK key or the left soft key [Save].

Extras [Menu 3]

Press the Menu key ($\bigcirc$) and select **Extras** using navigation keys.

Calendar [Menu 3-1]

When you enter this menu, a calendar appears. A square cursor is located on the current date. You can move to another date using navigation keys. If a date is shown in a different colour, it means that there is a schedule or memo for that day. This function reminds you of your schedule and memos. The phone will sound an alarm tone if you set the phone to do so.

View [Menu 3-1-1]

Shows the note for the chosen day. Press [Options] to delete or edit the note you selected.

Edit [Menu 3-1-2]

Use this to edit the schedule.

Delete [Menu 3-1-3]

Use this to delete the schedule.

Add new [Menu 3-1-4]

You can edit a maximum of 30 characters and take up to 20 notes.

Calendar [Menu 3-1-5]

Goes back to the calendar.

Scheduler tone [Menu 3-1-6]

The phone can sound an alarm tone when the scheduled date and time for an event has been reached with this option.

View all schedules [Menu 3-1-7]

Shows the notes that are set for all days. Use the up/down navigation keys to browse through the note lists.

Go to date [Menu 3-1-8]

Use this to jump to a specific date. Enter the date using the numeric keys and the left/right navigation keys.

Delete past [Menu 3-1-9]

You can delete expired schedule notes that have already been notified.

Delete all [Menu 3-1-10]

Use this to delete all schedules. You are asked to confirm this action.

Memo [Menu 3-2]

You can write, edit and delete a memo on a specific date.

1. Scroll to highlight Memo.

2. Press the left soft key [Add].

3. Input the memo and then press the left soft key [Options].

The following options are available.

• **Save**: Allows you to save the memo.

• **T9 languages**: Select the desired language of T9 mode.

• **Exit editor**: Allows you to exit from the memo editor.

After a memo is already input in your phone,

1. Select a memo.

2. Press the left soft key [Select].

3. Press the left soft key [Options].

The following options are available.

• **Edit**: You can edit the selected memo.

• **Delete**: Deletes the selected memo.

• **Add new**: You can add new memo.

• **Delete all**: Deletes all meno.

Alarm clock [Menu 3-3]

Set the alarm to ring at a specific time. In the **Alarm Clock** menu, the following options are available.

On [Menu 3-3-1]

Set the alarm time.

1. Enter the menu.

2. Select [On] by the left/right navigation key.

3. Enter the alarm time using the numeric keys.

4. Using the left/right navigation keys, select one of the alarm options: **Once, Daily, Weekly,** and **Monthly.**

5. Alarm melody section: select the desired alarm melody using the left/right navigation keys.

Off [Menu 3-3-2]

Deactivates the alarm.

Voice recorder [Menu 3-4]

You can record a memo. You can record up to 3 voice memos up to a maximum of 30 seconds each. You can play or delete the recorded memo or record new voice memo using the left soft key [Option] key.

Record [Menu 3-4-1]

1. Press and hold down key in standby mode.

2. Once recording is started, the message 'Recording...' and the remaining time is displayed.

3. When you finish recording, press left soft key [Save].

- **Play:** Allows you to play back all memos recorded, starting with the most recent memo. The screen displays the Date and time when the memo was recorded.

- **Delete:** Allows you to delete a specific memo.

- **Record new:** Allows you to record a memo.

- **Send via multimedia message:** Allows you to send via multimedia message.

- **Delete all:** Allows you to delete all memos. Press the left soft key [Yes] to confirm.

View list [Menu 3-4-2]

The phone shows the voice memo title which you have recorded by pressing in standby mode. You can **Play**, or **Delete** the recorded voice memo.

Note

- In standby mode, you can go directly to the Voice recorder menu by pressing the down navigation key.
- If all memo locations are full, you must delete an old memo before recording a new one.

Calculator [Menu 3-5]

Using this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division. (You can enter numbers up to the second decimal place)

Using the calculator [Menu 3-5-1]

1. Enter the first number using the numeric keys.

2. Press the corresponding navigation key to select a mathematical function.

3. To calculate the result, press the left soft key [Result] or OK key.

4. After calculation, press the left soft key [Reset] to return to the initial state.

Unit converter [Menu 3-6]

This converts any measurement from one unit to another. There are 4 types that can be converted into units: Length, Surface, Weight and Volume.

1. Select one of four unit types by pressing the left soft key [Unit].

2. Move to the current unit section by pressing the down navigation key.

3. Select the unit you want to convert using the left/right navigation keys.

4. Move to the Convert unit section by pressing the down navigation key.

5. Select the unit you want to convert to, using the left/right navigation keys.

6. Input numbers using the numeric keys. Conversion is calculated automatically.

World time [Menu 3-7]

You can check the current time of Greenwich Mean Time (GMT) and 58 major cities around the world, using the left/right navigation keys.

The screen shows the city name, current date and time. To select the time zone in which you are located, proceed as follows:

1. Select the city corresponding to your time zone by pressing the left/right navigation keys one or more times. The local date and time are displayed.

2. If you want to change the time display in standby mode to the selected time, press the left soft key [Options]. And select **Set**.

Note

- You can input a decimal number by pressing the key.
- To erase any mistakes and clear the display, press the key. To include a decimal point, press the key. To include a minus sign, press the key.
- The time zone setting of each city in World time menu may be affected by network condition.

Activate IrDA [Menu 3-8]

This feature allows you to send or receive data/fax through the infrared port. To use an infrared connection:

1. Install the modem driver for receiving or sending the data/fax.

2. Install the network dial-up software supplied by your network provider or fax application program for a fax call on your PC.

3. Configure and activate an IrDA-compliant infrared port on your PC.

4. Activate the infrared feature on the phone; the symbol appears on the right side at the bottom of the display.

5. Call the network service number given to you by the service provider.

If there is no communication between your phone and the IrDA-compliant device within 30 seconds of activation of the feature, it is automatically deactivated.

For further details, contact your network provider.

Note

• PC Sync is a program for data exchange between PC and the phone by a data cable. Therefore, if you want to use this function, you need to buy the accessory kit. For more information, you can use the PC Sync Help file on the CD.

The phone supports services based on Wireless Application Protocal (WAP).

Orange World [Menu 4-1]

This menu allows you to connect directly in the WAP **Orange world**.

Your page [Menu 4-2]

You can access directly **your page** on the WAP from this menu.

Channel guide [Menu 4-3]

You can access directly **Channel** on the WAP from this menu.

Your phone [Menu 4-4]

Orange PLUS [Menu 4-5]

All the services of sim application toolit (SAT) are available in this menu.

Note

• To know the prices for all these services, consult the Orange current tariff or contact your customer engineering.

Press the Menu key ( ) and select **Messages** using navigation keys.

Text message [Menu 5-1]

Your phone receives voice mail notification messages and Short Message Service (SMS) messages.

Voice mail and SMS are network services. Please contact your network operator for more information.

When the icon appears, you have received voice mail.
When the icon appears, you have received a new text message.
If the message memory is full, a message is displayed, the icon flashes and you cannot receive any new messages. Use the **Delete** option in the **Inbox** menu to delete obsolete messages.
Once there is space in the message memory, any undelivered SMS messages will be received (provided sufficient space is available).

Write message [Menu 5-1-1]

You can write and edit text messages up to 6 pages.
(approximately 918 characters)

1. Key in your message. For details on how to enter text, refer to page 23 through 27 (Entering Text).

2. After you complete the message, to select the required option, press the left soft key [Option].

The following options are available.

• **Send to number**: Enter the number or select the number from the address book or the recent numbers. You can send a message up to 5 phone numbers at a time. Press the left soft key [Options]. The following options will be displayed.

– Send (It only shows after a phone number is entered)
– Recent numbers
– Search

- • **Save to draft**: Allows you to save the message so that it can be sent later.
- • **T9 languages**: Select the desired language of T9 mode.
- • **Clear text**: Erases the whole text.
- • **Exit**: Allows you to exit from the **Write message** menu.

3. You can also send attachments with the message by pressing the right soft key [Attach], while you're entering a message.

- • **Symbol**: You can attach special characters.
- • **Picture**: You can send and receive text messages that contain pictures, known as 'picture messages'. Several preset pictures are available in the phone and they can be replaced with new ones received from other sources.
- • **Animation**: Attaching an animation in a message can be done through EMS (Enhanced Messaging Service). You can select any of 15 animations in the phone.
- • **Sound**: If available, you can attach a sound available for a short message.
- • **Text template**: You can use text templates already set in the phone.
- • **Phone number**: You can add phone numbers in the message.
- • **Singnature**: You can attach your singnature.

Inbox [Menu 5-1-2]

Received messages can be searched and the contents can be viewed.

Received messages are displayed in date order.

Press the menu key and select **Messages → Text messages → Inbox**.

Or, you can use home screen aggregator to enter Inbox.

Icon	Description
	Read SIM message
	Unread SIM message
🖳	Read message
✉	Unread message
📄	Read delivery report
📄	Unread delivery report

Note

• SIM message refers the message saved in the SIM memory. And the network distinguishes an incoming message into the SIM message or just message.

Each received message has the following options available. Press the left soft key [Options].

• Reply

Replies to the received message.

• **Forward**

Forwards a received message to other recipients.

• **Return call**

Calls the sender's phone.

• **Extract**

Extracts a picture, animation, sound, phone number, text web page or email address from the message. These will be saved in My folder, Address book, or bookmarks.

• **Delete**

Deletes the selected message from the Inbox.

• **View information**

Shows more detailed information about the selected message.

Outbox [Menu 5-1-3]

You can view the list and contents of sent messages in this menu and can also verify if the transmission was successful.

Icon	Description
📫	Sent SIM message
📨	Sent message

The following options are available.

• **Forward**

Forwards the current message to other recipients.

• **Delete**

Deletes the selected message from the Outbox.

• **View information**

Shows more detailed information about the selected message.

Draft [Menu 5-1-4]

In this menu, you can see the message list saved as draft. Scroll through the list using the up/down navigation keys.
Each draft has the following options.

• **Send**

Sends the selected message to other recipients.

• **Delete**

Deletes the selected message.

Settings [Menu 5-1-5]

This menu lets you set up default SMS information.

• **Message types**

Sets the default message type between Text, Voice, Fax, Paging, X.400, E-mail and ERMES. The network can convert the messages into the selected format.

• **Valid period**

Sets the length of time for which your text messages will be saved at the SMS center while attempts are made to deliver them to the recipient. Possible values are 1 hour, 12 hours, 1 day, 1 week and the maximum authorised by your network operator.

• **Delivery reports**

Activates or deactivates the report function. When this function is activated, the network informs you whether or not your message has been delivered.

• **Reply with same service centre**

Allows the recipient of your SMS message to send you a reply via your message centre, if the service is provided by the network.

• **SMS centre**

Saves or changes the number of your SMS centre when sending text messages. You must obtain this number from your service provider.

• **Bearer setting**

Selects GPRS or GSM. Contact your network operator or service provider for information related to setting a selected bearer, pricing and connection speed.

Delete all [Menu 5-1-6]

You can delete all messages in the message memory.

Picture message [Menu 5-2]

A picture 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 Picture message or e-mail features can receive and send multimedia messages.

Write [Menu 5-2-1]

1. Key in the text message. Using the right soft key, you can input symbols, numbers and emoticons, or use T9 input mode. After the text message input, press the left soft key [Done].

2. Add an image and/or sound. You can move to the next section using the up/down navigation.

3. You can add a slide by moving the cursor on 🗋 , then pressing the OK key or the left soft key [Select]. You can also add a slide using the right soft key [Menu].

4. Press the right soft key [Menu]. The following options are available.

• **Send**: Supports multiple numbers and email addresses.

• **Preview**: Displays the multimedia message you wish to send.

• **Save**: Saves the multimedia message in draft or as a template.

• **Delete**: Deletes the MMS message.

• **Settings**: Sets the slide show duration or aligns the message contents right, left, top or bottom.

• **Add Slide** : Adds a slide before or after the current slide.

• **Remove Slide**: Deletes the selected slide.

Inbox [Menu 5-2-2]

You will be alerted when you have received messages. They will be saved in the Inbox. You can identify each message by icons. For details, see the icon description below.

Icon	Description
🖼️	Read multimedia messages
🖼️	Unread multimedia messages
📝	Read notified multimedia messages
📝	Unread notified multimedia messages

If the phone has 'No space for messages', you can make space by deleting messages, media and applications.

• **Timer stop**

The Timer stop menu is displayed when you receive a message including various pictures. Usually, the pictures are sequentially displayed automatically. However, if you select this menu, you can see the next picture by pressing the left soft key [Next] manually.

• **Previous slide**

Displays the previous page.

• **Replay**

Replays multimedia messages.

• **Delete message**

Deletes the current message.

• **Reply all**

Replies to all senders.

• **Forward**

Forwards the selected message to other recipients.

• **Save message**

Saves a multimedia message in draft form or as a template.

• **Save item**

Extracts pictures or sounds. They will be saved in My folder or Address book.

• **Detail**

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

Outbox [Menu 5-2-3]

Use this to see sent messages. For each sent message, you can see the delivery status.

Icon	Description
📨	Sent

• **Timer stop**

Usually, the pictures are in the form of an automatic slide show. However, if you select this menu, you can see the next picture by pressing the left soft key [Next] manually.

• **Previous slide**

Displays the previous page.

• **Replay**

Replays the current message.

• **Delete message**

Deletes the current message.

• **Forward**

Forwards the current message to other recipients.

• **Save message**

Saves a multimedia message in draft form or as a template.

• **Save item**

Saves items such as images, sound and attachments to a message.

• **Detail**

Displays information about the outbox messages:
Subject (only for Multimedia message), Message date & time,
Message type, Message size.

• **Reply**

Replies to the current message.

• **Reply all**

Replies to all recipients of the selected message.

Draft [Menu 5-2-4]

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.

• **Send**

Supports multiple member and email addresses.

• **Preview**

To see the draft multimedia message.

• **Save**

Saves multimedia messages in draft form or as templates.

• **Delete**

Deletes the message.

• **Settings**

Select to set the slide duration or align the message contents to
the right, left, top or bottom.

• **Add slide**

Adds a slide before or after the current slide.

• **Remove slide**

Removes the highlighted slide.

Settings [Menu 5-2-5]

Via this menu, you can set up the default multimedia message information.

The following options are available.

• **Message title**

Enter the message title.

• **Slide duration**

Set the duration of each slide.

• **Alignment**

Set the alignment of messages.

• **Valid period**

Set the duration for keeping messages on the network server.

• **Auto download**

On: If you select this, messages are downloaded automatically on receipt.

Confirm: Requires you to confirm you want to download the message.

Off: Defers downloading messages.

• **Message centre URL**

Enter the address of an MMS server to use the MMS service.

• **Profiles**

further information.

Answer phone [Menu 5-3]

This menu provides you with a quick way of accessing your voice mailbox (if provided by your network). Before using this feature, you must enter the voice server number obtained from your network operator.

When new voice message is received, the ( ) symbol will be displayed on the screen. Please check with your network provider for details of their service in order to configure the handset correctly.

Listen to voice mail [Menu 5-3-1]

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

Voice mail centre [Menu 5-3-2]

You can input and set the voice mailbox number.

Info services [Menu 5-4]

Info service messages are text messages sent by the network to mobile phone users. They provide general information such as weather reports, traffic news, taxis, pharmacies, and stock prices.

Each type of information is associated with a number, which can be obtained from the network operator. When you receive an info service message, a popup message will indicate a new message receipt or the info service message will be displayed directly.

In standby mode, the following options are available when viewing info service messages.

Read [Menu 5-4-1]

The list of received broadcast messages can be searched and the cantents viewed.

Receive [Menu 5-4-2]

Use this to enable or disable the reception of broadcast messages.

Alert [Menu 5-4-3]

Set alert on or off for a new broadcast message.

Auto display [Menu 5-4-4]

If you select this option **On**, all received broadcast messages will be automatically displayed.

Languages [Menu 5-4-5]
(Dependent to network and subscription)

This option lets you select the preferred languages. Cell broadcast messages will be displayed in the selected language. If you use all languages supported by the phone, select **Automatic** at the end of the list.

Topics [Menu 5-4-6]
(Dependent to network and subscription)

To create new topics, press the left soft key [Option] then select **Add new**. If you already have topics, you can cancel, edit, or delete them by using the left soft key [Options].

Templates [Menu 5-5]

There are pre-defined messages in the list. You can view and edit the template messages or create new messages. Three types of templates are available: Text, Multimedia and Signature.

Text [Menu 5-5-1]

• **Edit**

  Use this to write a new message or edit the selected template message from the text template list.

• **Delete**

  Deletes the selected template message from the text template list.

• **Send text message**

  Use this to send the selected template message by SMS.

• **Send multimedia message**

  Use this to send the selected template message by MMS.

• **Add new**

  Use this to create new template.

Multimedia [Menu 5-5-2]

• **Send**

  Sends the multimedia template. Supports multiple numbers and email addresses.

• **Preview**

  Displays the draft multimedia message.

• **Save**

Saves multimedia messages in draft form or as templates.

• **Delete**

Deletes the multimedia template.

• **Settings**

Sets the timer for slide, text, or to align the message contents right, left, top and bottom.

• **Add Slide**

Adds a slide before or after the current slide.

• **Remove Slide**

Deletes the highlighted slide.

• **Add Image**

Use this to add an image before or after the current image.

• **Add Sound**

Adds a sound before or after the current sound.

Signature [Menu 5-5-3]

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

• **Edit**

Use this to write a new message or edit the selected Signature.

• **Delete**

Use this to delete the selected signature.

- **Send via text message**

  Use this to send the selected signature by SMS.

- **Send via multimedia message**

  Sends the selected signature by MMS.

Memory status [Menu 5-6]

You can check the current memory status for SMS and MMS.

Media album [Menu 6]

Media album has 3 folders: Picture, Animation and Sound. You can view, delete, or control downloaded contents. You can get pictures, animation or sounds from WAP site, MMS or SMS. While you're checking each content, you can send it via SMS or MMS, edit or delete it. You can set one in the Picture folder or Animation folder as the wallpaper. For sounds, you can set the desired sound as the ring tone.

Picture [Menu 6-1]

Animation [Menu 6-2]

Sound [Menu 6-3]

Memory status [Menu 6-4]

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 within the Applications menu where you can select, execute, or delete. The Java program files saved in the phone are in .JAD and .JAR formats.

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.

Warning

• 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.

Applications [Menu 7-1]

Application menu displays the list of Java programs downloaded using the WAP. All previous downloaded programs can be selected, deleted, or viewed in detail within the Application menu. From the list within the Application menu, the following options are available:

• **Open**: Open the selected program. The list includes all Java programs installed in the phone.

- **Delete**: Delete the selected program. Once deleted, you will not be able to restore the program unless it is downloaded again using the WAP.

- **Details**: Display detailed information on the selected program. This includes the program name, program size, program version, vendor information and the website address or the URL.

- **Connect options**: Some Java applications may require data connection to be mode. Select one of the following options.

  1. **Ask first**: You will be asked before the application makes the connection.

  2. **Allowed**: The connection is created immediately without a notification.

  3. **Not allowed**: No connection is allowed.

Games [Menu 7-2]

You can enjoy the games which are supported.

Note

- The control keys are different depending on a game. However, each one has an introduction to explain the main control keys.

  [Common key function]

  $\boxed{\cdot}$: Game menu

  $\boxed{\cdot}$: Back

Download [Menu 7-3]

When a new Java program is downloaded using the WAP, the address from which a download takes place is known as a bookmark. The Java menu includes a bookmark list for downloading Java programs and this bookmark list can be viewed from the Download menu. You can connect, view, edit, delete, and add new bookmarks.

- **Connect:** Selected address in the bookmark is used for data connection. After successful connection, desired Java program can be downloaded from the list.

- **View:** Detailed information on a bookmark can be viewed such as the address of bookmark and title of bookmark required for connecting to certain sites.

- **Edit:** Selected bookmark can be edited. Editing a bookmark is done in the order of Address → Title. When creating a new bookmark, same order is followed.

- **Delete:** Selected bookmark is deleted. All bookmarks can be deleted completely from the bookmark list screen. Deleted bookmark cannot be restored so caution is required when deleting bookmarks.

- **Add new:** New bookmark is added. The same order used during Edit bookmark applies to Add new bookmark. Select the Add new option from the bookmark menu or when no bookmark exists, then the Add new can be selected from the bookmark list screen.

Note

• After selecting the Connect function to access the Java MIDlet Provider's server, you may choose one of many Java programs to download and install into your phone. Once connected to the server, the Go button can be pressed to view the JAD information on a desired program. The Get button will begin the download and install process. The download and install process will take place simultaneously and once download is complete you can immediately run the Java program. The installed Java program can be selected to run at a later time from the Application menu.

Information [Menu 7-4]

Memory status [Menu 7-4-1]

Shows the size of memory available for game and application installations. You can also see the whole memory status of Handset.

Java version [Menu 7-4-2]

Shows the current version of Java.

You can save phone numbers and their corresponding names in the memory of your SIM card. In addition, you can save up to 255 numbers and names in the phone memory.

- Press the left soft key [Menu] in standby mode, then select **Address book.**
- Or, press up/down navigation key in standby mode.

Search [Menu 8-1]

1. In standby mode, press left soft key [Menu]. Select an **Address book** and select **Search**. Then, you are asked to enter the start of the name that you wish to find and then, you will find the name instantly.

2. After finding the desired name, you can make a call to the number by pressing the [Send] key. Or press the left key [Options] to use the following options.

- **View detail**: To view details of the selected name.
- **Edit**: Edits the name, number, and the listing group.
- **Delete**: Deletes the Address book entry.
- **Write text msg.**: Use this to write a text message to the name.
- **Write picture msg.**: Use this to write a picture message to the name.
- **Copy**: Use this to copy the address book entry from SIM to the phone memory or vice versa.
- **Voice**: Records the name of the selected address book entry for voice-activated dialling.
- **Main number**: To show all number lists which are saved if more than 2 numbers saved.

Add new [Menu 8-2]

You can add an Address book entry using this function.

There are 2 memories: Phone memory and SIM memory.
The phone memory capacity is 255 entries. You can enter up to 20 characters in each name in the phone memory. The SIM card memory capacity depends on the SIM card.

1. Open the menu first by pressing the left soft key, and Select an **Address book**.

2. Scroll to highlight **Add new**, and press [OK].

3. You can add new Address book entries to SIM memory or the phone memory.

• **Adding new entries into SIM memory**

You can enter a name and number, and select the required group. (Depends on the SIM)

• **Adding new entries into the phone memory**

You can enter a name, numbers, E-mail address, memo and address book – photos, and select the required group.

Speed dials [Menu 8-3]

You can assign any of the keys $\boxed{2^{abc}}$ to $\boxed{9^{wxyz}}$ with a name list entry. You can make a call to the number by pressing the [Send] key, or press the left key [Options] and select **Call**. Or, You can call directly by pressing this key for 2-3 seconds in standby mode

1. Open the menu first by pressing the left soft key, and Select an **Address book** [Menu].

2. Scroll to **Speed dials**, then press [OK].

3. To add a number to **Speed dials**, select **<Empty>** and then, press the left soft key [Add]. You can search and select the name to press [Select] through the address book.

4. You can change or delete a speed dial number, make a call, write text message, or write picture message by pressing the left soft key [Options] to use the following options.

   • **Change**: Changes the member list.

   • **Delete**: Deletes the member list.

   • **Call**: Makes a call to the number.

   • **Write text msg.**: Use this to write a text message to the name.

   • **Write picture msg.**: Use this to write a picture message to the name.

Voice list [Menu 8-4]

You can assign a voice with a name list entry for voice-acitvated dialling.

You can make a call to the number by pressing the [Send] key, or press the left key [Options] and select **Call**.

1. Open the menu first by pressing the left soft key, and Select an **Address book** [Menu].

2. Scroll to **Speed dials**, then press [OK].

3. To add a number to **Voice list**, press the left soft key [Add]. You can search and select the name to press [Select] through the address book. After selecting a number, record a voice.

4. You can play, change, or delete a voice, make a call, add new or delete all voice lists by pressing the left soft key [Options] to use the following options.

• **Play**: Plays back the voice tag assigned to the phone number.

• **Change**: Changes the voice tag assigned to the phone number.

• **Delete**: Deletes the voice assigned to the phone number.

• **Call**: Makes a call to the selected number.

• **Add new**: Adds a new phone number for voice-activated dialling.

• **Delete all**: Deletes all voice-activated dialling numbers.

Note

• You can enter up to 10 phone numbers for voice dial.

Caller groups [Menu 8-5]

There are 6 pre-defined groups, as well as one additional group labelled Others, where you can create lists.

1. Open the menu first by pressing the left soft key, and Select an **Address book** [Menu].

2. Scroll to **Caller groups**, then press [OK]. Every group list will be displayed: **Family, VIP, Friends, Colleague, Group 1, Group 2,** and **Others.**

3. Select the group name that you want to manage by pressing the left soft key [Options]. The following options will be displayed except for **Others**.

• **Member list:** Displays the member list in the group.

• **Group ring tone:** Use this to select the ring tone to be used when you receive a voice phone call from a person in the group.

• **Group icon:** Use this to select the graphic icon to be displayed when you receive a call from a person in the group.

• **Add member:** Add a member to the group.

• **Delete member:** Delete a member from the group.

• **Rename:** Assigns a new name to the group.

Copy all [Menu 8-6]

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

• **SIM to Phone** : Use this to copy the entry from the SIM Card to Phone memory.

• **Phone to SIM** : Use this to copy the entry from the Phone memory to the SIM Card.

The following options are available.

– **Keep original** : When copying, the original dial numbers are kept.

– **Delete original**: When copying, the original dial numbers will be erased.

Delete all [Menu 8-7]

You can delete all entries in SIM, Phone, and Voice list. Except for **Voice list**, this function requires the security code.

Settings [Menu 8-8]

Set memory [Menu 8-8-1]

You can select the memory for the **Address book** feature between the SIM and the phone. If you select **Variable**, when adding entry, the phone will ask where to save the number.

Photo display [Menu 8-8-2]

You can set the photo list by **Photo view** or **List view** , when you search the **Address book**. If you select **Photo view**, the list will be shown with photos.

Information [Menu 8-9]

Service dial number [Menu 8-9-1]
(SIM dependent)

Use this to view the list of Service Dialling Numbers (SDN) assigned by your network operator (if supported by the SIM card). Such numbers include the emergency, directory enquiries and voice mail numbers.

1. Select the Service dial number.

2. The names of the available services will be shown.

3. Use the up/down navigation keys to select a service.

Memory status [Menu 8-9-2]

You can check the current memory status of the SIM card and phone memory.

Own number [Menu 8-9-3]
(SIM dependent)

Use this to display your phone number in the SIM card.

Settings [Menu 9]

Press the Menu key (⌐/) and select **Settings** using navigation keys.

Date & Time [Menu 9-1]

This option lets you change the current time and date displayed. The following options are available.

Set date [Menu 9-1-1]

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

Date format [Menu 9-1-2]

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 9-1-3]

Use this to enter the current time. You can choose the time format via the **Time format** menu option.

Time format [Menu 9-1-4]

You can set the time format between 12 hours and 24 hours.

Display settings [Menu 9-2]

Many features of your phone can be customised to suit your preferences. All of these features are accessed via the **Display settings** menu.

Wallpaper [Menu 9-2-1]

Use this to set up the display on the LCD screen in the standby mode.

Greeting note [Menu 9-2-2]

Use this to show the greeting note on the internal LCD screen in the standby mode and external LCD. Maximum number of characters can be shown is 15 for the internal LCD and 10 for the external LCD.

Menu colour [Menu 9-2-3]

Your Phone provides you with 4 menu colour themes. Set the menu colour by scrolling and pressing the Select key.

Languages [Menu 9-2-4]

You can select the display language. When the language option is set to **Automatic**, the language is automatically selected according to the language of the SIM card used. English will be set if the language on the SIM card is not supported by the phone.

Backlight [Menu 9-2-5]

Use this to select whether or not the phone uses the backlight. A small increase in standby/talk time can be achieved by turning the backlight off.

You set the backlight option for the keypad in the up/down position independently.

LED Indication [Menu 9-2-6]

Use this to set LED Indication blinking on/off, which shows whether your phone is power on.

Network name [Menu 9-2-7]

Use this to display network name you use on the LCD screen in the standby mode.

Settings [Menu 9]

Call settings [Menu 9-3]

To change the settings for call diverting.

Call divert [Menu 9-3-1]

When this network service is activated, you can direct your incoming calls to another number, for example, to your voice mailbox number. For details, contact your network operator. Select one of the divert options, for example, select **If busy** to divert voice calls when your number is busy or when you reject incoming calls.

The following options are available.

• **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.

Each option has the following menu:

  - Activate

  Activates the corresponding service.

• **To voice mail**

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.

- Cancel

Cancels the selected call divert.

- View status

You can check the status of the service.

• **Cancel all**

Cancels all call divert settings.

Answer mode [Menu 9-3-2]

Select the desired mode to answer a call.

• **Flip open**

You can receive a call simply by opening the flip.

• **Any key**

When the phone rings, you can answer a call by pressing any key except the key and the right soft key ( ).

• **Only send key**

You can answer a call only by pressing the send key.

Send my number [Menu 9-3-3]

This network service lets you decide whether your phone number is displayed (On) or hidden (Off) from the person you are calling.

Select **Set by network** to reset the phone to the setting that you have agreed upon with your service provider.

Call waiting [Menu 9-3-4]
(Network Service)

The network will notify you of a new incoming call while you have a call in progress. Select **Activate** to request the network to activate call waiting, **Cancel** to request the network to deactivate call waiting, or **View status**, to check if the function is active or not.

Minute minder [Menu 9-3-5]

When set to On, the phone will beep every minute during an outgoing call to keep you informed of the length of the call.

Voice dial [Menu 9-3-6]

You can make a phone call by speaking a voice tag that has been added to a contact card. Any spoken word(s) can be a voice tag. Before using voice-activated dialling, note that:

• Voice tags are not language dependent. They are dependent on the speaker's voice.

• Voice tags are sensitive to background noise. Record them and make calls in a quiet environment.

• When recording a voice tag or making a call by saying a voice tag, the loudspeaker is in use. Hold the phone at a short distance away from your mouth and face so that the proximity sensor does not turn the loudspeaker off.

• Very short names are not accepted. Use long enough names and avoid similar names for different numbers.

• **Automatic**

Use this to enter voice-activated dialling mode whenever you slide the keypad down.

• **Manual**

Use this to enter voice-activated dialling mode by holding the star [*/voice] key.

• You must say the name exactly as you said when you recorded it. This may be difficult, for example, in a noisy environment or during an emergency, so you should not rely solely upon.

Auto redial [Menu 9-3-7]

Select **On**, and your phone will make a maximum of five attempts to connect the call after an unsuccessful call attempt.

Select line [Menu 9-3-8]

This function is only used if **Two Line Service** is supported by the Service Provider. If this function is supported by your service provider, the following menu will be displayed.

• **Line 1**

• **Line 2**

Closed user group [Menu 9-3-9]
(Network Service)

This is a network service that specifies the group of people who you can call and who can call you. For more information, contact your network operator or service provider. If a group index is specified, it is used for all outgoing calls. If no group index is specified, the network will use the preferential index. (A specific index is stored in the network.)

• **Preset** : Sets the selected CUG index.

• **On**: You can edit the CUG index and activate it.

• **Off**: Deletes the selected CUG.

Network settings [Menu 9-4]

The Network settings feature enables you to indicate whether the network used when roaming (outside your home area) is selected automatically, manually or preferably.

Note

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

Automatic [Menu 9-4-1]

Use this to set the phone to automatically search for and select one of the cellular networks available in your area.

The phone will default back to **Automatic** if it is switched off.

Manual [Menu 9-4-2]

If you want to select the desired network manually from a list of network. If the connection to the manually selected network is lost,

Preferred [Menu 9-4-3]

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.

Band selection [Menu 9-4-4]

Use this to set the network band between two choices, GSM 900/1800 or GSM1900.

GPRS settings [Menu 9-5]

GPRS (General Packet Radio Service) is a technology that allows mobile phones to be used for sending and receiving data over the mobile network. GPRS is a data bearer that enables wireless access to data network such as the Internet.

Before you can use GPRS technology;

• You need to subscribe to the GPRS service. For availability and subscription to GPRS service, contact your network operator or service provider.

• You need to save the GPRS settings for the applications used over GPRS.

Attach [Menu 9-5-1]

If you select **Power on** and you are in a network that supports GPRS, the phone registers to the GPRS network and sending short messages will be done via GPRS. Also, starting an active packet data connection, for example, to send and receive e-mail, is quicker.

If you select **When needed**, the phone will use a GPRS connection only if you start an application or action that needs it. The GPRS connection is closed after it is no longer required by any application.

Note

• If there is no GPRS coverage and you have chosen Automatic, the phone will periodically try to establish a connection.

External device [Menu 9-5-2]

When you use Internet via GPRS by using external device, you can set the following six profiles: **Rename, APN, IP address, DNS, User ID,** and **Password.**

Security settings [Menu 9-6]

Various passwords are used to protect certain features of your phone.

PIN code request [Menu 9-6-1]

When the **PIN code request** feature is enabled, you must enter your PIN each time you switch the phone on. Consequently, any person who does not have your PIN cannot use your phone without your approval.

> **Note**
>
> • Before disabling the PIN code request feature, you must enter your PIN.

The following options are available:

• **Enable**

   You must enter the PIN each time the phone is switched on.

• **Disable**

   The phone connects directly to the network when you switch it on.

Phone lock [Menu 9-6-2]

When the **Phone lock** feature is enabled, the phone is locked and you must enter the phone password each time the phone is switched on. The password is factory set to **0000**. To change the phone password, refer to the **Change codes – Security code** menu option [Menu 9-6-5-1]. Once the correct password has been entered, you can use the phone until you switch it off.
The following options are available:

• Power On

- Enable

You are required to enter the phone password when you switch the phone on.

- Disable

You do not need to enter the phone password when you switch the phone on.

- If SIM changed

Your phone will request security code only when you change your SIM card.

• Immediately

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

Call barring service [Menu 9-6-3] (Network dependent)

Call barring lets you restrict the making and receiving of calls with your phone. For this function, you need the barring password, which you can obtain from your service provider.

The following options are available:

• All outgoing

No call can be made.

• Outgoing international

International calls cannot be made.

• **Outgoing international except home country**

When abroad, calls can be made only to numbers within the current country and to your home country, No call can the country where your home network provider is located.

• **All incoming**

No call can be received.

• **Incoming when abroad**

Calls cannot be received when you are using your phone outside your home service area.

• **Cancel all barrings**

All call barring settings are deactivated; calls can be made and received normally.

• **Change password**

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

Note

• To use **Call barring service**, you must input the network password. When calls are barred, calls may be possible to certain emergency numbers on some networks.

Fixed dial number [Menu 9-6-4]
(FDN) (SIM dependent)

Use this to restrict your outgoing calls to selected phone numbers, if this function is supported by your SIM card. The PIN2 code is required.

The following options are available:

• **Activate**

Use this to only call phone numbers saved in the address book. You must enter your PIN2 code.

• **Cancel**

Allows you to call any number.

• **Number list**

Use this to view the numbers saved as fixed dial numbers.

Note

• Not all SIM cards have a PIN2. If your SIM card does not, this menu option is not displayed.

Change codes [Menu 9-6-5]

The **Change codes** feature lets you change your current password to a new one. You must enter the current password before you can specify a new one.

Use this to change the access codes: **Security code, PIN1 code, PIN2 code**

Note

• PIN: Personal Identification Number

Reset settings [Menu 9-7]

You can reset your phone to its default configuration.

To do so, proceed, as follows.

1. Select the **Reset settings** menu option.

2. Enter the 4-digit security code.

Note

• The security code is preset to 0000.

Please check to see if any problem which you may have with your phone is described here before taking it for service or calling a service engineer.

Q How do I view the list of outgoing calls, incoming calls and missed calls?

A Press ⟍.

Q How do I clear all call history?

A Press the left soft key and then 2ᵃᵇᶜ 4ᵍʰⁱ 4ᵍʰⁱ.

Q How do I view all numbers saved in the memory?

A Press the right soft key and then 1∞.

Q ⤸ does not disappear from the screen.

A Check whether you are in a service area. If you continue to see ⤸ , turn off the power and wait for approximately 2 minutes before turning it back on. If there is no change, relocate to another area and check again.

Q Connection is poor or is not audible in certain areas.

A In certain areas, signal strength can vary dramatically. Try moving to a different location. Heavy network traffic may affect the ability to connect, or the stability of the call.

Q Connection is poor even when established.

A In certain areas, signal strength can vary dramatically. Try moving to a different location. Heavy network traffic my affect the ability to connect, or the stability of the call.

Q LCD does not turn on.

A Remove and replace the battery and turn on the power. If the phone still does not turn on, charge the battery and try again.

Q An echo can be heard during connection with a certain telephone in a certain area.

A It is called 'Echo Phenomenon'. It occurs if the volume is too high or caused by special properties (semi electronic telephone exchange) of the machine on the other end.

Q The phone gets warm.

A During long calls, or if games/Internet are used for a long time, the phone may become hot. This is perfectly normal and has no effect upon the life of the product or performance.

Q The bell does not ring, or lamp or LCD blinks only.

A The phone is set to 'Vibrate' or 'Silent' in the Profiles menu. Please select 'General' or 'Loud'

Q Standby duration of the phone gradually becomes shorter.

A Batteries have a limited life. When the battery lasts for half its original time, it requires replacement. Only use authorised replacement parts.

Q Usage time of battery becomes shorter.

A If the battery time is short, it may be due to the user environment, or large volume of calls, or weak signals.

Q No number is dialled when you recall an Address book entry.

A Check that the numbers have been saved correctly, by using the address book Search feature. Resave them, if necessary.

Q You cannot be contacted.

A Is your phone switched on (pressed for more than three seconds)? Are you accessing the right cellular network? Have you set an incoming call barring option?

Q I cannot find the lock, PIN, or PUK code, or password?

A The default lock code is '**0000**'. If you forget or lose the lock code, contact your phone dealer. If you forget or lose a PIN or PUK code, or if you have not received such a code, contact your network service provider.

FDA Consumer Update

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones.

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is the FDA's role concerning the safety of wireless phones?

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;

- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

o National Institute for Occupational Safety and Health

o Environmental Protection Agency

o Occupational Safety and Health Administration

o National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term 'wireless phone' refers here to handheld wireless phones with built-in antennas, often called 'cell', 'mobile', or 'PCS' phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called 'cordless phones,' which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000.

Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop — if they do — may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF).

Safety Guidelines

The FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much radio frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radio frequency energy (RF) exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC.

The FCC website (http://www.fcc.gov/oet/ rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the radio frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radio frequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, 'Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques,' sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products — and at this point we do not know that there is — it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.
Some groups sponsored by other national governments haveadvised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones.

This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a 'compatible' phone and a 'compatible' hearing aid at the same time. This standard was approved by the IEEE in 2000.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

FDA web page on wireless phones
(http://www.fda.gov/cdrh/phones/index.html)

Federal Communications Commission (FCC) RF Safety Program
(http://www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection
(http://www.icnirp.de)

World Health Organization (WHO) International EMF Project
(http://www.who.int/emf)

National Radiological Protection Board (UK)
(http://www.nrpb.org.uk/)

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 (FCC) 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 1.6W/kg. * Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although 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 0.714 W/kg and when worn on the body, as described in this user's manual, is 0.482 W/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 BEJG4050.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.wow-com.com

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Accessories

There are a variety of accessories available for your mobile phone. You can select these according to your personal communication requirements. Consult your local dealer for availability.

Supplied adapter

This adapter lets you charge the while at home or in the office.
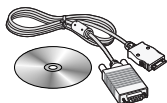
Battery

Standard battery is available.

Headset

Allows hands-free operation. Includes earpiece and microphone.

Data cable kit

Connects your phone to a PC.

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 enquiries.

General

Product name : L1100
System   : GSM 900 / DCS 1800 / PCS 1900

Ambient temperatures

Max : +55℃
Min : -10℃