ENGLISH

KG290 ❚ USER GUIDE ❚
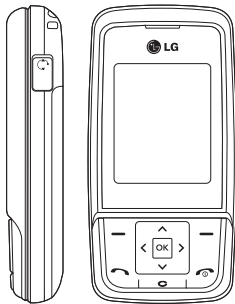
LG Electronics Inc.

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❚ KG290 ❚ USER GUIDE

CE 0168

KG290 User Guide
- English

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Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.

2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

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Table of Contents

Introduction

Congratulations on your purchase of the advanced and compact KG290 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.

For Your Safety

Please read these simple guidelines. Not following these guidelines may be dangerous or illegal. Further detailed information is given in this manual.

WARNING!

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

- *Not to charge a handset near flammable material as the handset can get hot and smoulder the Material, hence possible house fire.*

CAUTION!

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

Guidelines for Safe and Efficient Use

Please read these simple guidelines. Not following these guidelines may be dangerous or illegal. Further detailed information is given in this manual.

Certification information (SAR)

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

▶ The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the

device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the device. Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person.

The highest SAR value for this device when tested for use at the ear is 0.752 W/kg.

▶ This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 cm away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the product at least 1.5 cm away from your body. In order to transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed. The highest SAR value for this device when tested for use at the body is 1.01 W/kg.

* The SAR limit for mobile devices used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.lgmobile.com.

Product care and maintenance

WARNING!

Only use batteries, chargers 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 appliances such as a TV's, radios or personal computers.

▶ The unit should be kept away from heat sources such as radiators or cookers.

▶ Never place your phone in a microwave oven as it will cause the battery to explode.

- ▶ Do not drop.
- ▶ Do not subject this unit to mechanical vibration or shock.
- ▶ The coating of the phone may be damaged if covered with wrap or vinyl wrapper.
- ▶ Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- ▶ Do not subject this unit to excessive smoke or dust.
- ▶ Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- ▶ Do not tap the screen with a sharp object as it may damage the phone.

- ▶ Do not expose the phone to liquid or moisture.
- ▶ Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.
- ▶ Please remove the data cable before powering on the handset.

Electronic 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 pacemakers. (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 a car stereo or safety equipment.

▶ If your vehicle is equipped with an air bag, do not obstruct it 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 rules or regulations.

Potentially explosive atmospheres

▶ Do not use the phone at a refueling point. Don't use near fuel or chemicals.

▶ Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle, which contains your mobile phone and accessories.

In aircraft

Wireless devices can cause interference in aircraft.

▶ Turn off your mobile phone before boarding any aircraft.

▶ Do not use it on the ground without crew permission.

Children

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

Emergency calls

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

Guidelines for Safe and Efficient Use
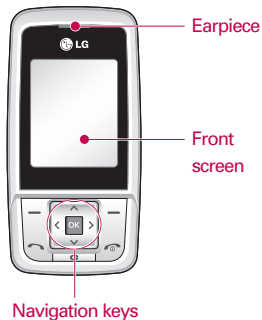
Battery information and care

▶ You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.

▶ Use only LG batteries and chargers. LG chargers are designed to maximize the battery life.

▶ Do not disassemble or short-circuit the battery pack.

▶ Keep the metal contacts of the battery pack clean.

▶ Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times until it needs replacing.

▶ Recharge the battery if it has not been used for a long time to maximize usability.

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

▶ Do not leave the battery in hot or cold places, this may deteriorate the battery performance.

▶ Risk of explosion if battery is replaced by an incorrect type.

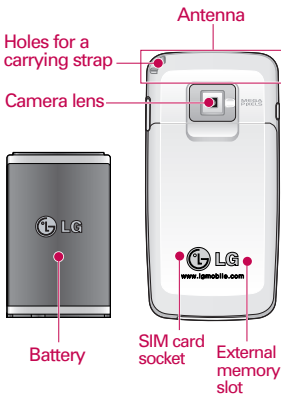▶ Dispose of used batteries according to the manufacturer's instructions.

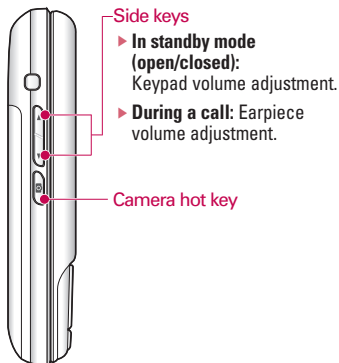# KG290 Features

Parts of the phone

Front view

Earpiece

Front screen
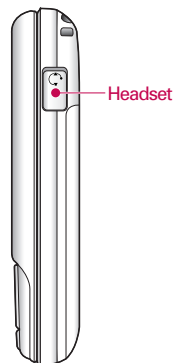
Navigation keys

Rear view

Antenna

Holes for a carrying strap

Camera lens

LG

www.lgmobile.com

Battery

SIM card socket

External memory slot

Note
▶ Never touch the antenna during a call. It may degrade speech quality.

KG290 Features

Left side view

Right side view

Side keys
▶ **In standby mode (open/closed):** Keypad volume adjustment.
▶ **During a call:** Earpiece volume adjustment.

Camera hot key

Headset

Open view

Earpiece

Navigation keys

▶ **In standby mode:**

⌃ **Briefly:** Write new Message (Hold down: present Messages pop-up)

⌄ **Briefly:** List of Contacts

|< **Briefly:** List of Profiles (**Hold down:** Activate/ Deactivate Vibrate mode)

|> **Briefly:** List of Favourites

▶ **In menu:** scroll up & down

Send key

▶ Dials a phone number and answers a call.

▶ **In standby mode:** Shows a history of calls made, received and missed.

Alpha numeric keys

▶ **In standby mode:** Input numbers to dial. Hold down:
0← for international calls.
1∞ to dial voice mail centre.
2abc to 9wxyz for speed dials.

▶ **In editing mode:** Enter numbers & characters.

Main screen

▶ **Top:** Icons showing signal strength, battery level and various other functions

▶ **Bottom:** Soft key indications

Left soft key/ Right soft key

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

Confirm key

▶ Selects menu options and confirms actions.
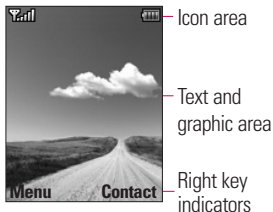
▶ WAP access (long key)

End/Power Key

Clear key

▶ Deletes a character with each press. Hold the key down to clear all input. Use this key to go back to a previous screen.

Display Information

Icon area

Text and graphic area

Right key indicators

Area	Description
First line	Displays various icons.
Middle lines	Display messages, instructions and any information that you enter, such as number to be dialled.
Last line	Shows the functions currently assigned to the two soft keys.

The screen displays several icons. These are described below.

On-Screen Icons

Icon/Indicator	Description
	Tells you the strength of the network signal.
	You can use GPRS service.
	The alarm has been set and is on.
	The bluetooth is set to On.
	The schedule has been set.
	Tells you the status of the battery.
	You have received a text message.

Icon/Indicator	Description
	You have received a voice message.
	Vibrate only menu in profile.
	Silent menu in profile.
	General menu in profile.
	Outdoor menu in profile.
	Headset menu in profile.
	You can divert a call.
	Indicates that the phone is accessing WAP.

Note

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

Getting Started

Installing the SIM card and battery

1. Installing the SIM card.

Your SIM card contains your phone number, service details and contacts and must be inserted into your handset.

If your SIM card is removed then your handset becomes unusable (even the emergency calls) until a valid one is inserted. Always disconnect the charger and other accessories from your handset before inserting and removing your SIM card. Slide the SIM card into the SIM card holder.

Make sure that the SIM card is properly inserted and 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.
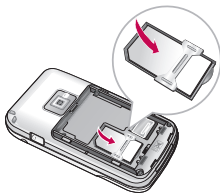
To insert the SIM card
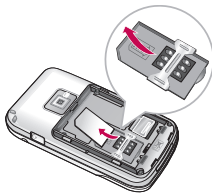
To remove the SIM card

2. Installing the battery.

Insert the battery aligning the gold contacts on the battery with the battery terminals (gold contacts) in the battery compartment. Then push down the top of the battery until it snaps into place.
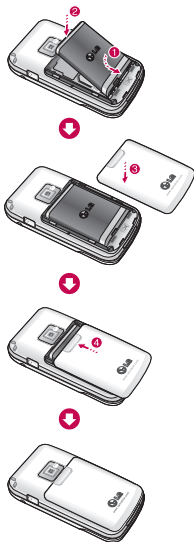
3. To remove the battery.

Turn the power off. (If the power is left on, there is a chance you could lose the stored telephone numbers and messages.) Press the battery release latches ❶ and open the battery ❷. Then remove the battery.
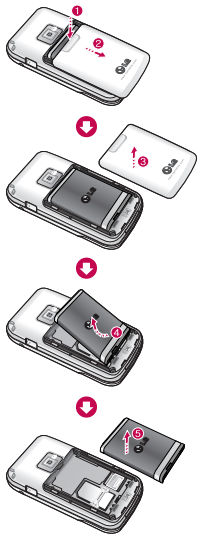
Charging the Battery

Before connecting the travel adapter to the phone you must first install the battery.
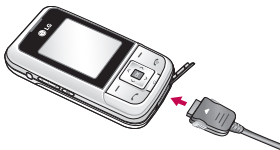
1. With the arrow facing you as shown in the diagram push the plug on the battery adapter into the socket on the left side of the phone until it clicks into place.

2. Connect the other end of the travel adapter to the mains socket.
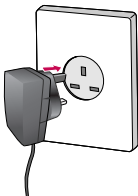
Note
▶ Only use the charger included in the box.

3. The moving bars on the battery icon will stop after charging is complete.

4. Ensure the battery is fully charged before using the phone for the first time.

CAUTION!

- *Do not force the connector as this may damage the phone and/or the travel adapter.*

- *If you use the battery pack charger when abroad, use an attachment plug adaptor for the proper configuration.*

- *Do not remove your battery or the SIM card while charging.*

WARNING!

- *Unplug the power cord and charger during lightning storms to avoid electric shock or fire.*

- *Make sure that no sharp-edged items such as animal teeth or nails, come into contact with the battery. This may cause a fire.*

Disconnecting the charger

Disconnect the travel adapter from the phone as shown in the diagram below.
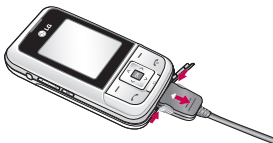
Access codes

You can use the access codes described in this section to avoid unauthorised use of your phone. The access codes (except the PUK and PUK2 codes) can be changed by using the **Change codes** feature [Menu 9.6.6].

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 **On**, your phone will request the PIN code every time it is switched on. When the **PIN Code Request** is set to **Off**, 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 **Fixed Dial Number**. These functions are only available if supported by your SIM card.

PUK code (4 to 8 digits)

The PUK (PIN Unblocking Key) code is required to unlock a PIN blocked phone. 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 unlock a blocked PIN2 code. If you lose the code, please contact your network operator.

Security code (4 to 8 digits)

The security code prevents 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 restore the handset to the factory settings.

General Functions

Making and answering calls

Making a voice call

1. Enter the number including the full area code, or select the phone number from call logs by pressing ⌜⌝.

   ▶ To delete a digit press ⌜⌝. To delete all digits press and hold ⌜⌝.

2. Press ⌜⌝ to make the call.

3. Press ⌜⌝ to finish the call, or close the handset.

Making a voice call from Contacts or close the handset

It is easy to call anyone whose number you have stored in your Contacts.

1. Press ⌜⌝ to access the contacts list.

2. Scroll to the contact to make a call.

3. Press ⌜⌝ to make a voice call.

4. Press ⌜⌝ to finish the call.

Making international calls

1. Press and hold ⌜0⌝ for the international prefix. The '+' character prefixes the international access code.

2. Enter the country code, area code, and the phone number.

3. Press ⌜⌝.

Adjusting the volume

During a call, if you want to adjust the earpiece volume, use ⌜⌝ on the left side of the handset.

General Functions

In idle mode with the phone open, you can adjust the key volume using ▯ .

Answering a call

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

1. Open the phone and press 🖂 to answer an incoming call. If the answer mode is set to **Press any key**, any key will answer a call except for 🖂 .

Note
▶ To reject an incoming call, press 🖂 or the right soft key twice.
▶ If you set **Answer mode** as **Slide open** (Menu 9.5.2), you can answer the call simply by opening the phone.

2. End the call by closing the handset or pressing 🖂 .

Note
▶ You can answer a call while using Contacts or other menu features.
▶ When the compatible headset is connected, you can also answer a call using the headset key, as well as using the phone. To reject an incoming call, press 🖂 .
▶ You can mute the ringtone when a call comes in by pressing and holding the volume down side key.

Signal strength

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

Entering text

You can enter alphanumeric characters using the keypad. For example, storing names in Contacts, writing a message, creating a personal greeting or scheduling events in the calendar all require entering text.
The following text input methods are available with the handset.

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.

General Functions

123 mode (Number mode)

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

Changing the text input mode

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

2. Press [#⊙] to switch between T9Abc, T9abc, T9ABC, ABC, Abc, abc and 123.

Using the T9 Mode

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

1. When you are in the T9 predictive text input mode, start entering a word by pressing keys [2abc] to [9wxyz]. 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 [*] once or more to scroll through the other word options.

Example
Press [4 ghi] [6 mno] [6 mno] [3 def] to type **Good**.
Press [↙] to get **Home**.

▶ If the desired word is missing from the word choices list, add it by using the ABC mode.

2. Enter the whole word before editing or deleting any keystrokes.

3. Complete each word with a space by pressing [0↵].

To delete letters, press [⟵]. Press and hold down [⟵] to erase entire words.

Using the ABC Mode

Use [2 abc] to [9 wxyz] 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 [0↵] once. To delete letters, press [⟵]. Press and hold down [⟵] to clear the display.

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

General Functions

Key	Characters in the order display	
	Upper Case	**Lower Case**
1	. , / ? ! - : ' " @ 1	. , / ? ! - : ' " @ 1
2 abc	A B C 2 À Â Æ Ç	a b c 2 à â æ ç
3 def	D E F 3 É È Ê Ë	d e f 3 é è ê ë
4 ghi	G H I 4 Î Ï	g h i 4 î ï
5 jkl	J K L 5	j k l 5
6 mno	M N O 6 Ñ Ô Õ Œ	m n o 6 ñ ô õ œ
7 pqrs	P Q R S 7	p q r s 7
8 tuv	T U V 8 Û	t u v 8 û
9 wxyz	W X Y Z 9 Ŵ Ŷ	w x y z 9 ŵ ŷ
0	Space, 0	Space, 0

Note

▶ The characters assigned to the keys and their order of appearance depends on the language selected using the option **Input method**. The table above provides the characters set for English language.

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.

Using the symbol mode

The symbol mode enables you to enter various symbols or special characters. To enter a symbol, **Options** → **Add** → **Symbol**. Use the navigation and numeric keys to select the desired symbol and press ⌗.

Overview of Menu Functions

You can launch a menu by pressing ![ok] in the idle screen. Move to the desired item and press ![ok] to go into the sub menu.

From the main menu you can also go into a submenu by directly pressing the corresponding numeric key as follows. The main menu consists of the following top menus and sub menus.

NOTE: The menu in this phone can be displayed in 2 ways. One is by grid type or secondly in list format. Please note that menu number options are different in each view. The default setting on the phone is set to show the menu in grid type, so therefore all the menu number selections throughout the manual are set according to that setting.

1. Orange World	2. Call history	3. Tools
1.1 Orange World	2.1 All calls	3.1 Alarm clock
1.2 Bookmarks	2.2 Missed calls	3.2 Calendar
1.3 Enter URL	2.3 Dialled calls	3.3 Calculator
1.4 History	2.4 Received calls	3.4 Memo
1.5 Saved pages	2.5 Call duration	3.5 To do
1.6 Settings	2.6 Call costs	3.6 Stopwatch
1.7 Information	2.7 Data information	3.7 Unit converter
		3.8 World time
		3.9 Interactive

Overview of Menu Functions

4. Multimedia

4.1 MP3 player
4.2 Camera
4.3 Video camera
4.4 FM radio
4.5 Voice recorder

5. Messaging

5.1 New message
5.2 Inbox
5.3 Drafts
5.4 Outbox
5.5 Sent
5.6 Listen voicemail
5.7 Info messages
5.8 Templates
5.9 Settings

6. My stuff

6.1 Images
6.2 Sounds
6.3 Videos
6.4 Others
6.5 Games & Apps
6.6 External memory

7. Profiles

7.1 🎵 General
7.2 🔕 Silent
7.3 📳 Vibrate only
7.4 🌤 Outdoor
7.5 🎧 Headset

8. Contacts

8.1 Search
8.2 New contact
8.3 Speed dials
8.4 Groups
8.5 Copy all
8.6 Delete all
8.7 Settings
8.8 Information

9. Settings

9.1 Date & Time
9.2 Languages
9.3 Display
9.4 Connectivity
9.5 Call
9.6 Security
9.7 Flight mode
9.8 Power save
9.9 Reset
9.0 Memory status

Orange World   <small>Menu 1.1</small>

You can launch the web browser and access the homepage of the web service provided by your Service Provider.

Bookmarks   <small>Menu 1.2</small>

You can store frequently accessed or favourite URLs/Pages. Several preconfigured URLs are stored as bookmarks.

Adding a new bookmark

1. Select **New Bookmark** from the **Options** menu.

2. Enter the title and associated URL information.

3. Press the left soft key [OK] to save.

Connecting to a desired bookmark

Press <kbd>ok</kbd> or select **Connect** from the **Options** menu.

Adding a new folder

1. Select **New folder** from the **Options** menu.

2. Enter the title.

3. Press the left key [OK] to save.

Enter URL   <small>Menu 1.3</small>

You can manually enter a URL address and access the associated web page.

▶ To enter a symbol, press <kbd>✳</kbd> to display the Symbol table.

▶ To switch input mode, press <kbd>#</kbd>.

Orange World

History Menu 1.4

Shows the list of web page's titles accessed recently. You can access the web page easily.

Saved pages Menu 1.5

The phone can save the page on display as an offline file.

Settings Menu 1.6

You can change the settings for browser display, security, and certificates.

Network profiles (Menu 1.6.1)

Select the appropriate profile by pressing [OK]. This will activate the profile to initiate the browser launch.

View style (Menu 1.6.2)

You can change the browser screen size. (Full screen or fit to screen)

Cache (Menu 1.6.3)

Enabling Cache allows you to store accessed pages to your phone. Once a page has been stored in the cache it will greatly enhance the page loading speed on subsequent browsing of the same page.

Cookies (Menu 1.6.4)

Enabling Cookies allows you to store cookies sent from the server. Disabling this function will prevent cookies from being stored on your phone.

Security Certificates (Menu 1.6.5)

If stored, a list of root/ca certificates required for WTLS/TLS can be found here. Certificates can be viewed from the list.

Show image (Menu 1.6.6)

Allows you to enable or disable the image display during browsing.

Note

▶ Enabling this function will delay displaying images until the completion of transmission. Disabling this function will prevent the browser from downloading images from the server, thus allowing faster transmission.

Java script (Menu 1.6.7)

This menu allows you to activate the Java Script while you use the web browser.

Memory in use (Menu 1.6.8)

You can select a memory to use.(Phone or External)

Information Menu 1.7

You can check the version of your browser.

Call history

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.

All calls
Menu 2.1

Allows you to view the missed, received, and dialled call records. You can make a call or send a message to the number you have selected from the records. You can also save the number in the Contacts.

Missed calls
Menu 2.2

Allows you to view missed call records, make a call, send a message and save the number in Contacts.

Dialled calls
Menu 2.3

Allows you to view dialled call records, make a call, send a message and save the number in Contacts.

Received calls
Menu 2.4

Allows you to view received call records, make a call, send a message and save the number in Contacts.

Call duration Menu 2.5

This function allows you to view the duration of your Last call, Dialled calls, Received calls and All calls in hours, minutes and seconds. You can also reset the call timers.

1. Press the left soft key [Menu] and then press ▢ for direct access or use |‹ and ›| to enter **Call history**.

2. Scroll to **Call duration** and Press ▭ [OK].
   The following 4 submenus:
   Last call, Dialled calls, Received calls and **All calls**.

Call costs Menu 2.6

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

1. Press the left soft key [Menu] and then press ▢ for direct access or use |‹ and ›| to enter **Call history**.

2. Scroll to **Call costs** and Press ▭ [OK].
   The following 3 submenus:
   Last call, All calls and **Cost settings**.

Note
▶ The actual cost invoiced for calls by your service provider may vary, depending upon network features, rounding-off for billing, tax, and etc.

Data information   Menu 2.7

You can check the **Data time** and
Data volume.

Alarm clock Menu 3.1

If you set the alarm, the 🔲 appears on the indicator bar. The specified alarm sounds at the scheduled time. Press right soft key [Quit] to stop the alarm, and the alarm is released. Press the left soft key [Snooze]. The alarm sound stops and resumes after the selected Snooze duration. You can configure up to 5 alarms.

1. Select your desired alarm to configure in the alarm list. If there is no alarm, press the right soft key [New] to add a new alarm.

2. **Set/Cancel alarm:** Set or cancel the alarm using the options for specifying whether the alarm is on or by choosing the alarm time.

3. **Input alarm time:** Input your desired alarm time by specifying Hour and Minute. Choose either 'AM' or 'PM' which is visible if 12 hour format is specified for the phone.

4. **Select repeat mode:** Select the desired repeat mode using |‹ / ›| or select the desired one from the list by pressing ⏷.

5. **Select Alarm Tone:** Select the alarm tone to ring at the alarm time opening the list by pressing the left soft key [Options] → **Sounds**

6. **Title:** Input alarm name.

7. When you have finished setting the alarm, press the left soft key [Save].

Note
▶ The alarm will go off even when the phone is switched off.

Tools

Calendar   Menu 3.2

You can refer to your schedule by months. The cursor is on the current date, and the registered date is marked.

The schedule saved for the date where the cursor is located is represented by an icon. Pressing the shortcut key `1 ` moves to the previous year and pressing `3 ` move to the next year. Pressing `* ` moves to the previous month, and `# ` moves to the next month. You can move the date using the `∧ / ∨ / < / >`.

You can enter a schedule or memo in the scheduler by pressing the left soft key [Options].

▶ **View:** Shows the schedule note or memo for the chosen day. Press the left soft key [Options] to edit or delete the note you selected.

▶ **New schedule:** Select this to enter a new schedule or memo. After a schedule note is entered on a date, a special mark is shown on the date and 📅 appears on the left bottom of the screen. This function reminds you of your schedule. And the phone will sound an alarm tone if you set the phone to do so.

▶ **Scheduler tone:** Adjust the Scheduler tone.

▶ **All schedules:** Shows all the notes that are entered in the phone. Use the up/down navigation keys to browse through the note lists.

▶ **Go to date:** Shows schedule of the date you put.

▶ **Delete more**

- **Delete old:** Select this to delete the expired schedule notes that you have already been notified of.

- **Delete all:** Select this to delete all the schedule notes and memos.

Calculator Menu 3.3

The calculator module allows you to perform basic arithmetic functions such as addition, subtraction, multiplication, and division as well as some scientific functions.

1. Press the left soft key.

2. Select the appropriate function.

You can enter numbers by using the number keys, and the operators by using the ⊼ / ⊻ / ◁ / ▷ direction keys. You can enter a decimal point by pressing ✱. Whenever you press ━, characters are sequentially deleted in reverse order.

Whenever you hold ━ down, all the characters are deleted in reverse order in one go.

When calculation is complete and the result is displayed on the screen, pressing a symbol saves the result into the symbol and continues calculation.

Memo

Using the memo management function, you can view and manage saved memo contents and add new memo.

Enter the contents of the memo. You can save the memo to the list by pressing the [OK] key.

Add memo

To add a new memo, press the left soft key [Options] and select New memo. Enter the contents of the memo. You can save the memo to the list by pressing the left soft key [Options] and select Save or just press the ⊡.

Edit and delete memo

Highlight the desired memo and press ⊡ to view its contents.

You can edit or delete the contents of a memo using the left soft key [Options]. You can select Multiple or All memos using the Mark/Unmark option and then delete a memo.

To do

You can view, edit and add tasks to do. Tasks are displayed in time order. Tasks that have been completed or not completed are displayed in different ways.

Options

▶ **View:** To view detailed task contents, locate the cursor on the desired item in the Tasks list, and then press ⊡.

▶ **New to do:** To input the date, description and priority for the task

and input the status. When you have finished entering the data, press the left soft key [Save] key to save the new task.

▶ **Status:** You can view the status of task selected.

▶ **Send via:** You can send the selected task via Text message, Picture message or Bluetooth.

▶ **Delete:** You can delete the task.

You can display the tasks in progress or completed.

▶ **Edit:** You can edit a task using the left key [Options].

▶ **Calendar:** You can view tasks of the day selected.

▶ **Delete more:** You can select **Multiple** or **All complete** tasks to delete. And you can delete **old** tasks or **all.**

Stopwatch Menu 3.6

1. Press [Start] to take time and record the lap time by pressing [Lap].

2. Press [Stop] to ascertain the record of lap time.

3. Press [Reset] to default condition.

Unit converter Menu 3.7

Using this menu, users can convert Currency, Area, Length, Weight, Temperature, Volume and Velocity.

Currency (Menu 3.7.1)

1. Select Currency menu.

2. Select the desired unit.

3. Enter the standard unit and view the converted value.

4. To exit Currency conversion function, press [Back] key.

Area (Menu 3.7.2)

1. Select Area menu.

2. Select the desired unit.

3. Enter the standard unit and view the converted value.

4. To exit the Area conversion function, press [Back] key.

Length (Menu 3.7.3)

1. Select the length menu.

2. Select the desired unit.

3. Enter the standard unit and view your converted value.

4. To exit the length conversion function, press the [Back] key.

Weight (Menu 3.7.4)

1. Select the Weight menu.

2. Select the desired unit.

3. Enter the standard unit and view the converted value.

4. To exit the Weight conversion function, press the [Back] key.

Temperature (Menu 3.7.5)

1. Select the Temperature menu.

2. Position the cursor on the desired unit by using the up or down arrow keys.

3. Enter the standard unit and view the converted value.

4. To exit the Temperature conversion function, press the [Back] key.

Volume (Menu 3.7.6)

1. Select the Volume menu.

2. Select the desired unit.

3. Enter the standard unit and view the converted value.

4. To exit the volume conversion function, press the [Back] key.

Velocity (Menu 3.7.7)

1. Select the Velocity menu.

2. Select the desired unit.

3. Enter the standard unit and view the converted value.

4. To exit the Velocity conversion function, press the [Back] key.

World time Menu 3.8

The World clock function provides time information on major cities worldwide.
You can view the time of the desired country or city by navigating using ⌃ / ⌄ .
You can select a desired city as a base by selecting the Change city menu in options.

Interactive Menu 3.9

This is a SIM service menu.
It depends on SIM and the network services.

Note

▶ In case the SIM card support SAT(i.e. SIM Application Toolkit) services, this menu will be the operator specific service name stored on the SIM card.

Multimedia

MP3 player Menu 4.1

All songs (Menu 4.1.1)

You can view all the music files stored in the phone/external memory.

My playlist (Menu 4.1.2)

You can create your own playlists by choosing tracks from the All tracks menu list.

Settings (Menu 4.1.3)

Shuffle (Menu 4.1.3.1)

If you want to play the music continuously and randomly, select this option.

Repeat (Menu 4.1.3.2)

If you select One, only one song you selected will be repeated. And all the songs in your playlist will be repeated if you select All. And no repeat and play just one song in case of selecting No.

Equalizer (Menu 4.1.3.3)

You can choose the equalizer among several genres of music. Jazz, Rock, Pop, etc.

Player skin (Menu 4.1.3.4)

There are 3 kinds of player skin and you can change it as you want.

Note

▶ Because of the small dimension of the speaker, the audio could be distorted in some cases. Especially when there are lots of bass sounds and the audio memory volume is at the maximum state. We recommend you to use the stereo headset in order to appreciate the music of high quality.

▶ The music player supports following file formats,

 - MPEG-1 Layer III, MPEG-2 Layer III, MPEG-2.5 Layer III (Bit rate up to 320Kbps, stereo)

 - AAC: ADIF, ADTS AAC+: V1(Bit rate 16~128Kbps), V2(Bit rate 16~48Kbps)

 - MP4, M4A(Bit rate up to 320Kbps, stereo)

 - WMA(Bit rate up to 320Kbps, stereo)

 * Sampling frequency: 8KHz~48KHz for each format

▶ By using the USB cable, you can connect your phone to PC and transfer MP3 files to the phone (removable disk). You should quit the connection via safe removal mode after you finish copying songs to your phone.

Camera

Menu 4.2

Press the Menu key and select **Camera** using the navigation keys. Or you can directly open the camera module by a press of the Camera key in standby mode. The camera module opens and you'll see the view to be captured.

→ indicator

Options   Album
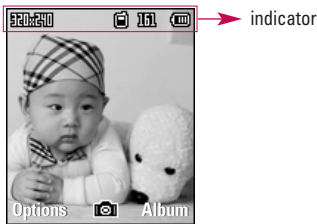
1. Press the left soft key to access **Menu** and set the desired environment as follows.

  ▶ **Brightness setting:** Move between the options menus with $|\langle\Box / \Box\rangle|$.

  ▶ **Zoom setting:** Select the desired value with ⌃ / ⌄ and confirm the selection with the left soft key or ⏎.

Note

  ▶ The zoom function varies depending on the resolution the camera is set to.
   For example, if the camera resolution is set to the highest setting you can't zoom.

Resolution	▦	1280X960, 640x480, 320x240
Quality	▧	Normal, Fine, Super fine
Self timer	↻	You can delay the camera shutter time. **Off, 3 Secs, 5 Secs, 10 Secs** " ↻ " is shown when the timer is activated.
View mode	▤	You can view Full image or Full screen.
Save to	▣	Save the photos to your Phone or External memory.
Multi shot	▤	**1 shot , 3 shots, 6 shots** (Note: Available multishot depends on the size.)
Effect	▦	Off, Sepia, Mono, Negative
White balance	▥	You can adjust the tone of the background photo according to the weather. **Auto, Daylight, Incandescent, Cloudy, Fluorescent**
Shutter tone	◑	Select the desired shutter sound. **Off, Tone1, Tone2, Tone3**
Reset setting	↺	Select the reset setting or not

2. After finishing all the settings, press the right soft key [Close].

3. Focus the camera on what you want to take and press ⊙ .

4. Press ⊙ to save the picture. It is saved in the Images folder of My stuff.

Video camera

This application enables you to record a video clip. You can play and watch a saved video file in this menu. Once recorded, a video clip can be sent by Message or Bluetooth.

Press the `OK` to record the image.

1. Press the left soft key to access **Options** and set the desired environment as follows.

  ▶ **Brightness setting:** Move between the options menus with $|\langle \overline{} / \overline{} \rangle|$.

  ▶ **Zoom setting:** Select the desired value with $\overline{} / \overline{}$ and confirm the selection with `OK`.

Mode	📷	Record a video in General/MMS mode.
Resolution	🖼	176X144, 128X96
Quality	🖼	Normal, Fine, Super fine
Save to	🖼	Save the video clips to your Phone or External memory.
Effect	🖼	Off, Sepia, Mono, Negative.
White balance	🖼	You can adjust the tone of the background video according to the weather. **Auto, Daylight, Incandescent, Cloudy, Fluorescent**
Reset setting	🖼	Reset all the settings or not.

2. After finishing all the settings, press the right soft key [Close].

3. Focus the camera on what to record and press ok to start recording. And press ok to stop recording.

▶ You can pause the recording by pressing the left soft key [Pause].

4. Press ok to save the video clip. It is saved in the Videos folder of My stuff.

Note
▶ Press the right soft key [Back] to go back to the preview mode without saving the video clip.

Multimedia

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Multimedia

FM radio Menu 4.4

Title	Descriptions
Frequency	Shows the frequency indicating the current cursor.
Volume	Controlling the volume
Channel	FM frequency and channel number which is now playing

If you press options, you can view the menus as follow:

▶ **Edit channel:** You can edit the selected channel.

▶ **Auto scan:** You can search for available channels by scanning automatically.

▶ **Reset channels:** You can reset the channels.

▶ **Listen via:** You can listen the FM radio via speaker or headset.

Voice recorder Menu 4.5

In this feature you can record over 10 voice memos, up to a maximum of 60 seconds each.

Messaging

New message   _{Menu 5.1}

Text   _(Menu 5.1.1)

You can write and edit text messages up to 10 pages.

1. Enter the Text menu by pressing ☐ [OK].

2. To make text input easier, use T9. For details, refer to page 21 through 24 (Entering text).

3. Press **[Options → Insert]** to **attach the following:**

Insert

▶ **Symbol:** You can add special characters.

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

▶ **Sound:** You can insert sounds that are available for short messages.

▶ **Text templates:** You can use Text templates already set in the phone.

▶ **Contacts:** You can add phone numbers or e-mail addresses in the address book.

▶ **My business card:** You can add your Business card to the message.

4. After you have completed the message, to select the required option, press the left soft key ☐ [Options].

Options

▶ **Send to:** Sends text messages.

1. Enter numbers of recipient. Also, you can select Options and choose

Messaging

from Contacts, or Recent messages to send a text message.

2. Press ⛶ key to add more recipients.

3. Once the numbers have been entered, press the left soft key ⬚ to send the message. All messages will automatically be saved in the outbox folder, even after a sending failure.

▶ **Save to drafts:** Stores messages in the Drafts folder.

▶ **T9 languages:** Select the desired language for T9 input mode.

▶ **Clear text:** You can delete all of the words written.

▶ **Exit:** If you press Exit whilst writing a message, you will be taken back to the message menu. Also the written message will not have been saved.

Note

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

Picture   (Menu 5.1.2)

A multimedia message can contain text, image, and/or sound clip.

1. Enter the **Multimedia** menu by pressing ⬚ [OK].

2. To make text input easier, use T9.

3. Press **[Options → Insert]** to **attach following:**

Insert

▶ **Symbol:** You can add special characters.

- ▶ **Image:** You can insert the Default graphics or graphics in My pictures that are available for short messages.
- ▶ **Video:** You can insert videos that are available for short messages.
- ▶ **Sound:** You can insert sounds that are available for short messages.
- ▶ **New photo/video/sound:** You can insert new multimedia files that you create instantly to the short messages.
- ▶ **New slide:** You can insert a new sheet of slide before or after current slide.
- ▶ **Text templates:** You can use Text templates already set in the phone.

- ▶ **Contact:** You can add phone numbers or e-mail addresses in the address book.
- ▶ **My business card:** You can add your Business card to the message.

Maxium available file size, that can be inserted to MMS-message, is 300kb.

4. After you have completed the message, to select the required option, press the left soft key [Options].

Options

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

Messaging

- **Preview:** You can preview multimedia message you have created.

- **Save:** You can save multimedia messages **To drafts** or **As template.**

- **T9 languages:** You can choose languages and also deactivate the T9 input mode by selecting 'T9 off'.

- **New T9 word:** You can add a new word to dictionary. (This menu is only shown when the T9 input mode is set ON.)

- **Others:** You can set a slide duration or delete slide or edit subject.

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

Inbox   Menu 5.2

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

In the Inbox, you can identify each message by their icons. For detail, see the icon directive.

▶ **Icon directive**

Icon	Description
	Multimedia message
	Read Multimedia message
	Short message
	Read Short message
	Notified multimedia message
	Read notified multimedia message

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

Note

▶ **SIM message:** SIM message means the message is exceptionally stored in the SIM card.

When you are notified that you have received a multimedia message, you have to wait for the message to be downloaded before you can view it. For notification setting, see (Menu 5.9.2.7) for detail.

To read a message, select one of the messages by pressing [ok].

▶ **View:** You can view the selected message.

▶ **Reply:** You can reply to the sender.

▶ **Delete:** You can delete the current message.

▶ **Forward:** You can forward the selected message to another party.

▶ **Return call:** You can call the sender back.

▶ **Save number:** You can save the message's number.

▶ **Information:** You can view information about received messages; Sender's address, Subject (only for Multimedia message), Message date & time, Message size.

▶ **Multi delete:** You can delete multiple messages together.

▶ **Delete all read:** You can delete all the read messages.

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

Drafts   Menu 5.3

You can view the messages saved as a draft. The draft messages are listed with the date and time when they were saved. Scroll through the list using up/down navigation keys.

Each draft has the following options. Press [Options].

▶ **View:** You can view the selected message.

▶ **Edit:** You can edit the selected message.

▶ **Delete:** Deletes the selected message from the drafts folder.

▶ **Information:** You can view the information of selected message: subject (only for multimedia message), the date and time when saved, message size.

▶ **Multi delete:** You can delete multiple messages together.

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

Outbox

The Outbox is a temporary storage place for messages waiting to be sent. Failed messages are also placed in the Outbox.

▶ **View:** You can view the message.

▶ **Delete:** You can delete the message.

▶ **Forward:** You can resend the message.

▶ **Edit:** You can edit the message.

▶ **Information:** You can check the information of each message.

▶ **Delete more**

  - **Multi delete:** Deletes selected drafts at one time.

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

Sent

Shows the messages you sent (Message).

Options

▶ **View:** Opens the selected message.

▶ **Delete:** Deletes the current message.

▶ **Forward:** Forwards the selected message.

▶ **Information:** Brief information on the message.

▶ **Multi delete:** You can delete multiple messages together.

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

Listen voicemail   Menu 5.6

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 mail number obtained from your network operator.

When a new voice message is received, the ▨ symbol will be displayed on the screen. A long press of the [1 ∞] key will take you directly into your voicemail. Please check with your service operator for details of their service in order to configure the handset correctly.

Info messages   Menu 5.7
(Dependent to network and subscription)

Info service messages are text messages delivered by the network to your handset. They provide general information such as weather reports, traffic news, taxis, pharmacies, and stock prices.

When you receive an info service message, you will see a popup message show you that or the info service message is directly displayed. To view the message again follow the sequence shown below;

Read

1. When you have received an info service message and select Read to view the message, it will be displayed on the screen. You can read another message by scrolling ⌃ , ⌄ or ☐ [OK].

2. The message will be shown until another message is selected.

Topic

▶ **View list:** You can see Info service message numbers which you have added. If you press [Options], you can edit and delete info message categories which you have added.

▶ **Active list:** You can select info service message numbers in the active list. if you activate an info service number, you can receive messages sent from the number.

Templates

Text

You can add, edit, and delete frequently used useful phrases using the left soft key [Options].

Note
▶ Depending on your service provider, useful phrases are saved as a default.

The followings are pre-defined text templates.

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

The following options are available.

▶ **View:** Select this to view the selected template.

▶ **Edit:** Use this to edit the selected template.

▶ **Send via**

- **Text message:** Use this to send the selected template message by SMS.

- **Multimedia message:** Use this to send the selected template message by MMS.

▶ **Delete:** Deletes the selected template from the text template list.

▶ **New template:** Use this to create a new template.

▶ **Delete all:** Deletes all templates.

Multimedia (Menu 5.8.2)

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

▶ **View:** You can see multimedia templates.

▶ **Edit:** You can edit multimedia templates.

▶ **Send:** You can write and send multimedia messages.

▶ **Delete:** You can delete multimedia templates.

▶ **New template:** Allows you to add new multimedia templates.

▶ **Delete all:** Allows you to delete all multimedia messages.

Settings

Text message

▶ **Message types:**

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

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

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

▶ **Delivery report:** If you set to Yes, you can check whether your message is sent successfully.

▶ **Reply charging:** When a message is sent, it allows the recipients to reply and charge the cost of the reply to your telephone bill.

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

Picture message

▶ **Subject:** You can enter multimedia messages subject when this menu is on.

▶ **Slide duration:** You can set the duration of slides by the second.

Messaging

- ▶ **Priority:** You can set the priority of the message you choose.

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

- ▶ **Delivery report:** If it is set to Yes in this menu, you can check whether your message is sent successfully.

- ▶ **Read report:** You can check if your message is read by the recipient. This feature is dependent on the network.

- ▶ **Auto download:** If you select On, you will receive multimedia messages automatically. If you select Off, you will receive only a notification message in the inbox and then you can check this

notification. If you select Home network only, you will receive multimedia messages only when you are registered to your home network (not roaming).

- ▶ **Network profiles:** If you select the multimedia message server, you can set the URL for the multimedia message server.

- ▶ **Permitted message type**

  - **Personal:** Personal message.

  - **Advertisements:** Commercial message.

  - **Information:** Necessary information.

Voicemail number (Menu 5.9.3)

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

Push message (Menu 5.9.4)

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

Info message (Menu 5.9.5)

▶ **Receive**

- **On:** If you select this menu, your phone will receive Info service messages.

- **Off:** If you select this menu, your phone will not receive Info service messages any more.

▶ **Alert**

- **On:** Your phone will beep when you have received Info service messages.

- **Off:** Your phone will not beep even though you have received info service messages.

▶ **Languages**

- You can select the language you want by pressing [ok].
Then, the info service message will be shown in the language that you have selected.

My stuff

Images Menu 6.1

The Images folder consists of embedded links for downloading pictures through the Internet. Pictures taken using the camera are stored in the Images folder and you can create new folders to manage them.

When a download link is selected, the following options will be displayed by pressing the left soft key [Options].

▸ **View:** You can view the picture.

▸ **Set as:** You can set as wallpaper or picture ID(contact image).

▸ **File → Information:** You can view the file information.

▸ **Slide show:** You can view slide show.

▸ **New folder:** You can create a new folder within the folder currently selected.

▸ **Multi delete:** Deletes the selected image.

▸ **Delete all:** Deletes all images.

▸ **Sort by:** You can sort the files by date, type or name.

Sounds Menu 6.2

Here you can manage, send or set sounds as ringtones.
When a download link is selected, the following options will be displayed by pressing the left soft key [Options].

▸ **Play:** You can play the sound.

▸ **Set as:** You can set as ringtone or ringtone ID(contact ring).

▶ **File → Information:** You can view the file information.

▶ **New folder:** You can create a new folder within the folder currently selected.

▶ **Multi delete:** Deletes the selected image.

▶ **Delete all:** Deletes all images.

▶ **Sort by:** You can sort the files by date, type or name.

Videos   Menu 6.3

Here you can manage or send downloaded or captured videos clips.

When a download link is selected, you can download video clips via the Internet.

If you press [ok], you can activate the video file and press the OK key

again to start playing.

The followings are available using the left soft key [Options] in the Video list.

▶ **Send via:** You can send the selected video clip via Picture message or Bluetooth if not protected by Digital Rights Management (DRM).

▶ **File**

- **Rename:** You can rename the video.

- **Move to folder:** Moves the file to other folder.

- **Information:** Shows information on the selected video file.

▶ **New folder:** You can create a new folder.

▶ **Sort by:** You can sort files by name, date, or file type.

My stuff

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▶ **Multi delete:** Deletes the selected video file.

▶ **Delete all:** Deletes all video files.

You can view a video using the video player. Video files are displayed in the list as thumbnails. You can select a desired video by using the �⌃/⌄ /|‹⌐/⌐› .
Select a desired video and select Play to view the recorded video.

Select the left soft key [Send] to attach the selected video to a message, Email.

When option **1. Open** is selected and you press ok , the video clip will be played with the Media Player. To pause the playback, press ok during the playback. To resume the paused playback, press ok once again.

When viewing video clips in the Media Player, the following options are available:

▶ **File → Information:** You can check information on files being played (File name, Size, Date, Type, Playback time, Copyright).

▶ **Send via:** You can send the video via Picture message or Bluetooth if the file is not protected by Digital Rights Management (DRM).

▶ **Delete:** Deletes the selected video.

Note
▶ According to your Service Provider, it varies whether you can download new Images or Sounds or Videos etc. through the Internet.

Others

Any type of file can be stored here. This folder is mainly used for transporting files from one PC to another.

Note

> You can see only specific files in a specific folder. That is, files in a suitable format to each folder are only shown. (e.g. BMP, JPG, etc. files for the **Images** folder and MP3, WMA, etc. files for the **Sound** folder, and so on)

Games & Apps

You can easily download games and other applications in this menu. Please note that additional cost may be incurred when using online services.

Games & Apps

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

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

▶ **Open:** You can see the stored games.

▶ **New folder:** Create a new slide.

▶ **Delete all:** You can delete all.

My stuff

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

• **Applications:** In this menu, you can manage the Java applications installed in your phone.
You can play or delete downloaded applications, or set the connect option.
The downloaded applications are organised in folders.
Press the left soft key [Options] and select **Open** to open the selected slide or launch the selected midlet.

Note

▶ The JAR file is a compressed format of the Java program and the JAD file is a description file that includes all detailed information. From the network, prior to download, you can view all detailed file descriptions from the JAD file.

▶ While being based on a standard language (J2ME), not all Java applications are compatible with all handsets on sale insofar as specific libraries may be used for a telephone model. The software may be blocked or switch itself on when Java applications not specifically developed for the phone this manual refers to are downloaded, making it necessary to "restart" the handset. We would like to point out that these problems are caused by incompatible applications and are not a product fault.

CAUTION!

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

Network profiles (Menu 6.5.2)

A profile is the network information used to connect to the Internet. There are default profiles for some operators, stored in phone memory. It's impossible to rename default profiles.

Each profile has submenus as follows:

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

▶ **Edit:** Use this to edit and change WAP settings for the selected profile.

- **Homepage:** This setting allows you to enter the address (URL) of a site you want to use as homepage. You do not need to type http:// at the front of each URL as the WAP Browser will automatically add it.
- **Proxy:** Activates or cancels proxy.
- **IP address:** Input the IP address of the Proxy server you access.
- **Port number:** Input the Proxy Port.
- ▶ **New profile:** You can add a new profile.
- ▶ **Reset all:** Reset all the profiles.

External memory   Menu 6.6

By using the USB cable, you can connect your phone to PC and use the phone as a mass storage (Removable Disk). You can transfer MP3 files, Images and Videos etc. in your PC to your phone.

Note

▶ When you format your SD Card, you should set the file system as **FAT** not FAT32. This system doesn't provide FAT32 file format.

Note

1. This function will only work in the idle mode.

2. Please do not try to disconnect the cable while you are transferring files. After you finish the download, you should disconnect the cable via a safe removal mode for a safety of your phone.

3. If you receive a call when you use this function, the call will be rejected but you can find it in a missed call list after you finish the connection.

4. You can use an external memory which is up to 2GByte.

Profiles

In Profiles, you can adjust and customise the phone tones for different events, environments, or caller groups. There are five preset profiles: **General**, **Silent**, **Vibrate only**, **Outdoor** and **Headset**. Each profile can be personalised (Except Vibrate only, Silent menu).

Contacts

Search

You can see the contact lists. The search operation is performed based on a name. You can also perform some operations by option menu for the selected phone number; Edit, Send message, Delete, New contact, Multi delete, and Copy, etc..

New contact

You can register a new contact address. You can enter the name, different phone numbers and email addresses of a new contact. You can also assign the contact to group, and include a picture and a specific ringtone. You can see the attached picture and hear the assigned ringtone when it's incoming call.

Speed dials

Speed dials are configured between 2-9 and set by the information stored in your SIM card and phone. You can just check which number is in the speed dials list and can't manage them optionally.

Groups

Using this menu you can manage contacts by grouping the handset stored contacts. There are 7 default groups you can make: Family, Friends, Colleagues, VIP, Group1, Group2, Group3. You can perform some operations by option menu for the selected Group; View members, Group ringtone, Group icon Add member, Remove member, Remove all member, Rename, and Reset all. Especially, you

can hear the group ringtone for the contacts you assign to group and group ringtone.

Copy all Menu 8.5

You can copy an entry from SIM to phone or from phone to SIM.

Delete all Menu 8.6

You can delete all of the contact lists on SIM or Phone.

Settings Menu 8.7

View options (Menu 8.7.1)

▶ **Name only:** Set the phonebook list by displaying the name only.

▶ **Name & number:** Set the phonebook list by displaying the name and number.

▶ **With picture:** Set the phonebook list with the information and picture of contact.

Information Menu 8.8

▶ **Service dial number:** Use this function to access a particular list of services provided by your network operator (if supported by the SIM card).

▶ **Own number:** You can save and check your own number in SIM card.

▶ **My business card:** This option allows you to create your own business card featuring Name and a mobile phone number. You can send a business card via the Multimedia or Text message also.

Settings

Date & Time

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

Set date

1. Select the **Date** item from the Date & Time list and then press [ok].
2. Select the date format using ⟨ / ⟩.
3. Enter **Day, Month** and **Year** using the number keys.
4. Press the left soft key [OK] to set the date with the specified value.

Date format

You can set the date format.

Set time

You can enter the current time.

Time format

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

Auto update

When Auto Update is configured to **On**, the time and date are automatically updated according to the current time zone.

Languages

Select the display language. You can select **Automatic** language option to change display language to the SIM card supported language.

Display

This menu allows you to personalise the display options of the screens and of the menus entire graphic interface.

Wallpaper

You can select an image to be displayed on the main screen.

Backlight timer

You can set the backlight duration on the Display and Keypad individually.

Brightness

The screen brightness can be adjusted.

Home screen shortcut

You can display the shortcuts on the home screen. By using the shortcuts, you can enter a specific menu directly.

Theme

You can change current theme to other one as you want.

Menu style

You can select the desired menu style (Grid view or List view).

Standby text

If you select **On**, you can edit the text which is displayed in standby mode.

Network name

If the function is activated,network name will be displayed on main LCD.

Settings

Colourful dial font (Menu 9.3.9)

If you select On, the colour of dialing font get various(not just black colour).

Connectivity Menu 9.4

Bluetooth (Menu 9.4.1)

Bluetooth connection

Your phone has built-in Bluetooth wireless technology which makes it possible for you to connect your phone wirelessly to other Bluetooth devices such as a handsfree, PC, PDA or other phones.

You can, for example, have a conversation via a cordless Bluetooth handsfree or browse the Internet, wirelessly connected via a mobile phone. You can also exchange, for example, business cards, calendar items and pictures.

Note

▶ We recommend that your phone and the Bluetooth device you are communicating with be within a range of 10 meters. The connection may be improved if there are no solid objects between your phone and the other Bluetooth device.

1. Getting started

- **Menu → 9. Settings →**
  4. Connectivity → 1. Bluetooth
  → 1. Bluetooth on/off

To use the Bluetooth function, you must first set **On**.

2. Configuring Bluetooth settings

• **Menu → 9. Settings →
  4. Connectivity → 1. Bluetooth
  → 3. Settings**

- **My visibility:** Set [My handset's visibility] to [Show] so that other devices can detect your phone when they are searching for a Bluetooth device. If you select [Hide], other devices will not be able to detect your phone when they are searching for a Bluetooth device.

- **My name:** You can name or rename your phone as it will appear on other devices. Your phone's name will be shown on other devices only when [My handset's visibility] is set to [Show].

- **My address:** You can check the address of Bluetooth.

Note

▶ When user uses Bluetooth Device in the handset, the security of the handset is at risk.
Therefore, we recommend that Bluetooth visibility be set to **Hide** after configuration or device pairing. For incoming files via Bluetooth regardless of paired devices, you can choose to accept or reject the connection, after checking the sender details.

3. Search and pair new device

<Searching new device>

You can search new device as following menu.

• **Menu → 9. Settings →
  4. Connectivity →
  1. Bluetooth →
  2. Paired devices**

Settings

<Pairing devices>

1. To search for a Bluetooth device to pair, press **New**.

2. Screen shows **Searching for devices**. Bluetooth devices within a range of 10m will be found.

3. If Bluetooth devices are found, these devices are listed on the screen. If no Bluetooth device is found, you will be asked if you want to search again.

4. Pairing procedure

   - Press [ok]. A window will appear on the screen asking you to enter your password.

   - After creating a password (of 1 to 16 digits), the user of the other device must enter the password for pairing.

The user of the other device must know the password in advance for authentication.

▶ KG290 supports follow Bluetooth services

   - Headset profile

   - Hands-free profile

   - Object push profile

   - Serial port profile

   - File transfer profile

   - Dial-up networking profile

Option

▶ **Connect**

   1. If you want to open the connection to the selected device, select the Connect.

   2. If you want to close the connection to the selected device, select the Disconnect.

▶ **New:** Using this menu, you can pair a new Bluetooth device with your phone.

▶ **Remove:** Using this menu, you can delete the paired Bluetooth device.

▶ **Remove all:** Using this menu, you can delete all of the paired Bluetooth devices.

<Removing devices>

1. Select a device to remove from the Paired devices screen.

2. You can remove a device by pressing the Delete key or by selecting Options → Remove. To remove all paired devices, select Options → Remove All.

<Transmitting data using Bluetooth>

1. To transmit data from your phone to another Bluetooth device, first select the application where the target data is saved. For example, to send data in the My stuff to another device, select Menu → 6. My stuff → 1. Images / 3. Videos / 4. Others → Select from option menu, Send via → Bluetooth

2. Transmitting data

   1) Paired device found is displayed. If the desired device does not exist in the list, select [Options → New].

   2) Select the device to which you want to transmit data from the devices on the screen and press `OK`.

Settings

3) If the other party selects [Yes] for [Connection request], the data is transmitted.

Note
▶ Supported Bluetooth software (Bluetooth stacks) for DUN :
- WIDCOMM Bluetooth for Windows 1.4 and 3.0

Network (Menu 9.4.2)

The Network 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.

Network selection (Menu 9.4.2.1)

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

Manual
If you want to select the desired network manually from a list of networks, you can activate this function. If the connection to the manually selected network is lost, the phone will give off a error tone and ask you to select a network again. The selected network must have a roaming agreement with your home network. The phone will let you select another network if the phone fails to access the initial selected network. The phone will

default back to Automatic if it is switched off.

Preferred

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

Change frequency band (Menu 9.4.2.2)

America(1900)

Allows you to select America(1900) only depending on Network availiablilty.

Europe(900/1800)

Allows you to select Europe(900/1800) depending on Network availiablilty.

GPRS attach (Menu 9.4.2.3)

You can set GPRS service depending on various situations.

Access point (Menu 9.4.2.4)

Allow you to select the access point from the list.

USB connection mode (Menu 9.4.3)

You can activate USB connecton mode of your phone for serveral usages.

If you use Mass storage function like USB memory card, select Mass storage in this menu. Mass storage is available for only external memory card.

If you use Data service such as PC suite application, select Data service in this menu.

Settings

If you use Music sync with Windows Media Player, select Music sync in this menu. Music sync is available for only music contents. If you want to synchronise with external memory, you can use 'External memory' as Primary storage. If you want to synchronise with internal memory, you can use 'Internal memory' as Primary storage.

Call   Menu 9.5

Call divert   (Menu 9.5.1)

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

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

▶ **If busy:** Diverts voice calls when the phone is in use.

▶ **If no reply:** Diverts voice calls which you do not answer.

▶ **If out of reach:** Diverts voice calls when the phone is switched off or out of coverage.

▶ **All data calls:** Diverts to a number with a PC connection unconditionally.

▶ **All fax calls:** Diverts to a number with a fax connection unconditionally.

▶ **Cancel all:** Cancels all call divert service.

The submenus

Call divert menus have the submenus shown below.

▶ **Activate:** Activates the corresponding service.

- **To voice mailbox:** Forwards to message centre.
- **To other number:** Input the number for call diverting.
- **To favourite number:** You can check recent five diverted numbers.
▶ **Cancel:** Deactivate the corresponding service.
▶ **View status:** View the status of the corresponding service.

Answer mode (Menu 9.5.2)

Allows you to set the answering method. You can choose between **Slide open, Any key** and **Send key only.**

Send my number (Menu 9.5.3)

▶ **Set by network:** Configures with the default settings determined by the service provider.
▶ **On:** Configures to send my phone number when making an outgoing call.
▶ **Off:** Configures not to send my phone number when making an outgoing call.

Call waiting (Menu 9.5.4)

▶ **Activate:** Activates call waiting service. Selecting this item, displays requesting message and animation. When the network answers, the result of the operation is displayed.

Settings

▶ **Cancel:** Deactivates Call waiting service. Selecting this item displays requesting message and animation. When the network answers, the result of the operation is displayed.

▶ **View status:** Displays activated Call waiting service group item of the network. Selecting this item displays requesting message and animation. When the network answers, the result of the operation is displayed.

Minute minder   (Menu 9.5.5)

Determines whether to sound a 1 minute tone every 1 minute when you are on the phone.

Auto redial   (Menu 9.5.6)

Allows you to set the auto redial function when a call attempt has failed.

Select line   (Menu 9.5.7)
(SIM dependent)

This menu is shown only if the SIM supports two subscriber numbers, that is, two phone lines. Select which phone line (between Line 1 and Line 2) you want to use for making calls and sending short messages. Calls on both lines can be answered irrespective of the selected line.

Send DTMF tones   (Menu 9.5.8)

DTMF tones allow your phone to make use of an automated switchboard.

Security   <small>Menu 9.6</small>

PIN code request   <small>(Menu 9.6.1)</small>

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

1. Select PIN code request in the phone settings menu, and then press ⊡ [OK].

2. Set **On/Off.**

3. If you want to change the setting, you need to enter PIN code when you switch on the phone.

4. If you enter the wrong PIN code more than 3 times, the phone will lock out. If the PIN is blocked, you will need to key in the PUK code.

5. You can enter your PUK code up to 10 times. If you enter the wrong PUK code more than 10 times, you can not unlock your phone. You will need to contact your service provider.

Auto key lock   <small>(Menu 9.6.2)</small>

If you activate this function, the keypad will be locked automatically after predefined delay time when the slide is closed.

Phone lock   <small>(Menu 9.6.3)</small>

You can lock your phone.
The following 4 lock functions are available.

Off: Deactivates the lock function.

When power on: Locks the handset whenever the handset is switched on.

Settings

When SIM changed: Locks the handset when the phone's SIM card has been changed.

Immediately: Locks the handset immediately.

You are requested to enter the security code to confirm the selection.

▶ To unlock the handset, you need to enter the security code.

Call barring   (Menu 9.6.4)

1. All outgoing

When OK is selected, it receives the Barring password from user, and activates the barring service on the network. A requesting message and animation appears. When the network answers, the result of the operation is displayed.

2. Outgoing international

When OK is selected, it operates in the same way as the **Outgoing calls** menu.

3. O/G international except home country

When OK is selected, it operates in the same way as the **Outgoing calls** menu.

4. All incoming

When OK is selected, it operates in the same way as the **Outgoing calls** menu.

5. Incoming when abroad

When OK is selected, it operates in the same way as the **Outgoing calls** menu.

Select the **Activate** menu to receive the Barring password from the user and activate the barring service on the network.

The Cancel menu sets the selected call restriction off. The **View status** menu enables users to view the current network configuration. Selecting **View status** menu displays the Requesting message with animation and the result of the operation when the network answers.

6. Cancel all barrings

You can cancel all barring services.

7. Change password

You can change the password for Call Barring Service.

Fixed dial number   (Menu 9.6.5)

▶ **ON/OFF:** Select whether to activate or not. PIN authentication is required.

▶ **Number list:** Displays the current Fixed dialist. You can edit, add, or delete fixed dial numbers. PIN2 authentication is required to edit the list. And the configuration information is saved on the SIM.

Change codes   (Menu 9.6.6)

You can change the PIN, PIN2, Security code.

PIN code

PIN is the abbreviation for Personal Identification Number, and is used to restrict use by an unauthorised user.

Settings

PIN code change procedure

1. Select 'PIN code' from the 'Change codes' list and then press [ok].

2. Enter the current PIN code and press [ok].

3. Enter the new PIN code and press [ok].

4. Enter the new PIN code once again and press [ok].

   ▶ If the PIN code is different from that of step 3, the procedure is restarted from step 3.

5. When the PIN code is changed properly, a **Changed** message is displayed. If you enter an incorrect PIN code in step 2, the procedure is restarted from step 2, and the number of attempts you have left to enter the number is decreased by 1.

Note

▶ Three incorrect PIN code entries in the PIN code entry window would invalidate the PIN code.
In this case, you have to enter the PUK (PIN Unblock Key) code to configure the PIN code again. The maximum number of times you may enter the PUK code is 10. (Note: If you enter an incorrect PUK code 10 times, the SIM card will be blocked and must be replaced.)

PIN2 code

PIN2 is the abbreviation for Personal Identification Number 2, and is used to restrict use by unauthorised users as with the PIN.

The PIN2 code change procedure is the same as the one for the PIN code. 3 incorrect PIN2 code entries would invalidate the PIN2 code.

In this case, you have to enter the PUK2 code in order to use the PIN2 code again. The maximum number of times you may try to enter the PUK2 code is 10, like PUK1. 10 incorrect PUK2 code entries would invalidate the PIN2 code.

Security code

The security code is used to change the mobile phone password. The maximum number of attempts to enter the security code is not limited as it is with PIN2.

Flight mode Menu 9.7

If you acivate the Flight mode, you can use the phone without connecting the 2G wireless network. 2G wireless phone and FM radio signals from the phone or Bluetooth connections are prevented, but you can still do tasks which do not require the use of wireless network. With flight mode you cannot make any calls including emergency calls or use other features that require network service.

Settings

Settings

Power save

Decide whether to activate the power save mode or not.

Reset

You can initialise all factory defaults. You will need the Security code to activate this function.

Memory status

You can check the status of memory in use.

Accessories

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

Standard Battery

Portable Handsfree

This connects to your phone, allowing handsfree operation.

Travel Adapter

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

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 inquires.

Technical data

General

Product name : KG290

System : GSM 900 / DCS 1800 / PCS 1900

Net weight : 54.5g(Without battery)

Ambient Temperatures

Max : +55°C (normal), +45°C (battery charging)

Min : -10°C

Declaration of Conformity

LG Electronics

Suppliers Details

Name

LG Electronics Inc

Address

: LG Twin Tower 20,Yeouido-dong, Yeongdeungpo-gu Seoul, Korea 150-721

Product Details

Product Name

E-GSM 900 / DCS 1800 / PCS 1900 Tri Band Terminal Equipment

Model Name

KG290

Trade Name

LG

CE 0168

Applicable Standards Details

R&TTE Directive 1999/5/EC

EN 301 489-01 v1.6.1(2005) / EN 301 489-07 v1.3.1(2005) / EN 301 489-17 v1.2.1(2002)
EN 60950-1 : 2001
EN 50360/EN 50361 : 2001
EN 301 511 V9.0.2
EN 300 328 V1.6.1 (2004-11)

Supplementary Information

The conformity to above standards is verified by BABT.

Declaration

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

Name

Jin Seog, Kim / Director

Issued Date

04. JUN. 2007

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