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USER'S MANUAL

## GPRS Phone

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MODEL : F2100

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

G • P • R • S • P • H • O • N • E

# GPRS Phone

## USER'S MANUAL

### MODEL: F2100

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before operating your mobile phone.  
Retain it for future reference.

## Introduction

Congratulations on your purchase of the advanced and compact F2100 cellular phone, designed to operate with the latest digital mobile communication technology.



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

## For Your Safety



### Warning

Mobile Phones must be switched off at all times in an aircraft.



Do not hold the phone in your hand while driving.



Do not use your phone near petrol stations, fuel depots, chemical plants or blasting operations.



For your safety, use **ONLY** specified **ORIGINAL** batteries and chargers.



Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.



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





## For Your Safety



### Caution

Switch off the phone in any area where required by special regulations. For example, do not use your phone in hospitals or it may affect sensitive medical equipment.



Emergency call may not be available under all cellular networks. Therefore, you should never depend solely on the phone for emergency calls.



Only use ORIGINAL accessories to avoid damage to your phone.



All radio transmitters carry risks of interference with electronics in close proximity. Minor interference may affect TVs, radios, PCs, etc.



Batteries should be disposed of in accordance with relevant legislation.



Do not dismantle the phone or battery.



## Guidelines for safe and efficient use



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

### **Radio wave exposure and Specific Absorption Rate (SAR) information**

This mobile phone model F2100 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 0.894 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.



## 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.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object; otherwise, it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use the accessories like an earphone cautiously.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.



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

### Efficient phone operation

To enjoy optimum performance with minimum power consumption please:

- Hold the phone as you speak to any other telephone. While speaking directly into the microphone, angle the antenna in a direction up and over your shoulder. If the antenna is extendable/retractable, it should be extended during a call.
- Do not hold the antenna when the phone is in use. If you hold it, it can affect call quality, it also may cause the phone to operate 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.



## Guidelines for safe and efficient use

- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs, etc.
- Do not bend, scratch, or expose to static electricity.

### Road safety

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

- Do not use a hand-held phone while driving.
- Give full attention to driving.
- Use a hands-free kit, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.
- RF energy may affect some electronic systems in your motor vehicle such as car stereo, safety equipment.
- When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.

### Blasting area

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

### Potentially explosive atmospheres

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



## **In aircraft**

Wireless devices can cause interference in aircraft.

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

## **Battery information and care**

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

## **Network service**

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



## Guidelines for safe and efficient use

### Driver Safety Tips

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

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

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



- 7.** Use your wireless phone to help others in emergencies, if you see an auto accident crime in progress or other serious emergency where lives are in danger, call 0-0-0 or 1-1-2 to call emergency number, as you would want others to do for you.
- 8.** Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.



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# Part of the Phone

## Front of the Phone

### 1. Earpiece

### 2. Main LCD

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

### 3. Alpha numeric keys

- In standby mode: Input numbers to dial

Hold down



– International calls



– call your voice mail box



– Speed dials



– Activate Vibrate mode

- In editing mode: Enter numbers & characters

### 4. Microphone

### 5. Camera lens

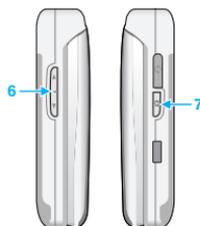
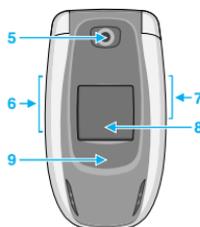
### 6. Side keys

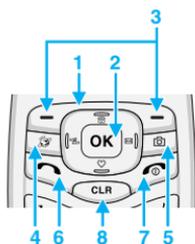
- In standby mode(opened): Volume of key tone
- In standby mode(closed): Analog clock (hold down)
- In menu: scroll up & down
- During a call: volume of the earpiece

### 7. Side camera key

### 8. Sub LCD

### 9. Flash





## 1. Navigation key

- In standby mode:
  - ☐ Briefly: List of Phonebook
  - ☐ Briefly: List of Favorites
  - ☐ Briefly: List of Messages
  - ☐ Briefly: List of Profiles
  - Hold down: Activate Vibrate mode
- In menu: scroll up & down

## 2. Confirm key

## 3. Soft keys

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

## 4. Internet key

- Briefly: List of Internet menu
- Hold down: Activate Internet

## 5. Camera key

- Briefly: List of Camera menu
- Hold down: Activate Take picture menu

## 6. Send key

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

## 7. End key

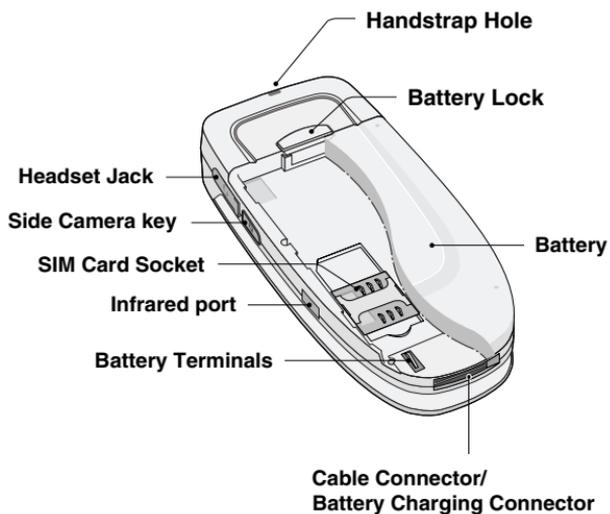
- Switched on/off (hold down)
- End or reject a call.

## 8. Clear key



## Part of the Phone

### Rear of the Phone



# Key Description



## Letter Keys

Each key can be used for several symbols. There are shown below.

Key	Description
	., / ? ! - : ' " 1
	A B C 2 Ä Å Æ Ç a b c ä å æ ç
	D E F 3 Ë Ê Ë e f e è é ê
	G H I 4 Ì Í Î Ï Ğ g h i ï ï ğ
	J K L 5 j k l
	M N O 6 Ñ Ò Ó Ô Õ Æ m n o ñ ò ó ô õ æ
	P Q R S 7 B Ş p q r s B ş
	T U V 8 Ü Ú Ú Û t u v ü ú û
	W X Y Z 9 w x y z
	[space] 0



## Display Information

The screen displays several icons. There are described below.

### On-Screen Icons

Icon/Indicator	Description
	Tells you the strength of the network signal. *
	Call is connected.
	You can use GPRS service.
	Shows that you are using a roaming service.
	Line 1/2 is in use for outgoing calls – if you subscribe to the Two Line Service.
	The alarm has been set and is on.
	Tells you the status of the battery.
	You have received a text message.
	You have received a voice message.
	You can view your schedule.

#### Note

\* The quality of the conversation may change depending on network coverage. When the signal strength is below 2 bars, you may experience muting, call drop and bad audio. Please take the network bars as indicator for your calls.

When there are no bars, that means that there is no network coverage: in this case, you won't be able to access the network for any service (call, messages and so on).



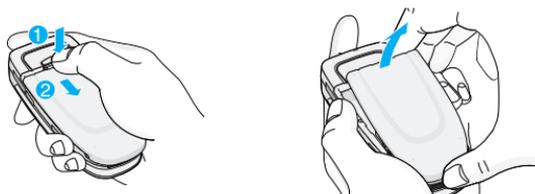
Icon/Indicator	Description
	Vibrate only menu in profile.
	General menu in profile.
	Loud menu in profile.
	Silent menu in profile.
	Headset menu in profile.
	You can divert a call.
	Indicates that the phone is accessing the WAP.
	Indicates that you are using GPRS.



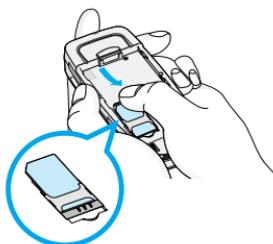
# Installation

## 1. Inserting the SIM Card

1. With the back of the phone, press the latch up and hold it. Slide the battery and lift it away as shown.



2. Slide the SIM card into the slot, under the silver holders, with the golden connectors facing downward.



### ! Remove the SIM card

Slide the SIM card out of the slot, as shown, toward the top of the phone.

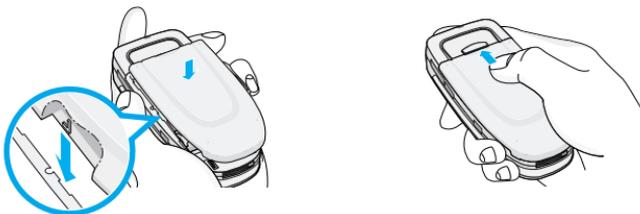




### SIM Card

- When you register as a subscriber with a network operator, you can get a SIM (Subscriber Identity Module) card. The SIM card contains a computer chip that keeps track of your phone number, the services included in your subscription and your phone book information among other things.

3. Place the battery on the back; Position the lugs match the tabs on the battery with the grooves on the phone. Then slightly slide the battery up until the latch clicks.



### Caution

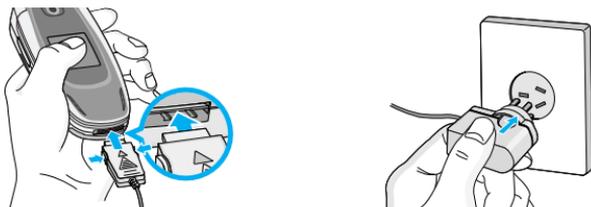
- Removing the battery from the phone whilst it is switched on may cause it to malfunction.
- The metal contact of the SIM card can be easily damaged by scratches. Pay special attention to the SIM card when you handle and install. Follow the instructions supplied with the SIM card.
- The SIM card must be treated with the same care as a bank card.
- If your phone and/or SIM card are lost or stolen, call the service provider immediately to prevent misuse.



## Installation

### 2. Charging the Battery

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



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



#### Caution

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



 **Warning**

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

### **3. Disconnecting the charger**

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





# Making and Answering Calls

## Making a call

1. Key in phone number including the area code. If you want to delete number, press .
2. Press  to call the number.
3. Press  to end the call.

## International Calls

1. Press and hold the  key for the international prefix. “+” character may replace with the international access code.
2. Enter the country code, area code, and the phone number.
3. Press .

## Making a call using the Phonebook

1. In standby mode, press  [Contacts].
2. When the menu is displayed, you select Search by pressing .
3. If you find out the desired item through searching by a name or a number, press  to call.



The menu displayed on the handset screen during a call is different to the default main menu reached from the idle screen, and the options are described here.

## 1 During a call

Pressing the menu key during a call, you can access the following menu:

**Volume:** Change the volume of the conversation.

**Hold:** Hold the current call.

**End all calls:** End all the calls in progress.

**Messages:** Access the messages menu.

**DTMF off/on:** Enable/Disable the DTMF tones.

**Mute:** Mute the microphone.

**Sim Tool Kit:** Access the Sim Tool Kit menu (if available in the SIM).

In the next pages, you'll find all details related to call hold and conference calls.

### 1-1 Putting a Call on Hold

When a call is made or answered, press the  [Send] to place it on hold. When a call is held, press the  [Send] to make it active.

### 1-2 Making a Second Call

You can get a dial number from phonebook to make a second call. Press  [Contacts] then select **Search**. To save the dial number into phonebook during call, press  [Contacts] then select **Add new**.

### 1-3 Swapping Between Two Calls

To switch between two calls, select  [Options], then select **Swap** or just press  [Send] key.



## In call Menu

You can make one of two calls focused by pressing up/down arrow key. If you want to end one of two calls, make the call you want to end focused, then press  [End] key when the call you want to end is focused.

### 1-4 Answering an Incoming Call

To answer an incoming call when the handset is ringing, simply press the  [Send] key.

The handset is also able to warn you of an incoming call while you are already in a call. A tone sounds in the earpiece, and the display will show that a second call is waiting. This feature, known as Call Waiting, is only available if your network supports it. For details of how to activate and deactivate it see Call waiting [Menu 7-4-4].

If Call Waiting is on, you can put the first call on hold and answer the second, by pressing  [Send] or by selecting  [Answer], then **Hold & Answer**.

You can end the current call and answer the waiting call by selecting  [Menu], then **End & Answer**.

### 1-5 Rejecting an Incoming Call

When not in a call you can reject an incoming call without answering it by simply pressing the  [End].

When in a call you can reject an incoming call by pressing the  [Menu] key and selecting **Multiparty/Reject** or by pressing  [End] key.

### 1-6 Muting the Microphone

You can mute the microphone during a call by pressing the  [Options] key then selecting **Mute**. The handset can be unmuted by pressing the  [Unmute].

When the handset is muted, the caller cannot hear you, but you can still hear them.



## 1-7 Switching DTMF Tones on During a Call

To turn DTMF tones on during a call, for example, to allow your handset to make use of an automated switchboard, select [Options], then **DTMF On**. DTMF tones can be turned off the same way.

## 1-8 Calling up Messages and SIM Tool kit main menu

The Messages and SIM Tool kit main menu options can be reached from the in-call menu by selecting [Options]. SIM Tool kit menu is shown only when SIM in the handset supports SIM Tool kit service.

## 2 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 service provider 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 may 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.

The maximum callers in a multiparty call is five. Once started, you are in control of the multiparty call, and only you can add calls to the multiparty call.

### 2-1 Making a Second Call

You can make a second call while you are already in a call. To do this, enter the second number and press [Send]. When you get second call the first call is automatically put on hold. You can swap between calls by selecting [Options] then **Swap**.

### 2-2 Setting up a Multiparty Call

You can connect a call on hold to the currently active call to form a multiparty call by selecting [Options] then **Multiparty / Join all**.



## In call Menu

### 2-3 Putting the Multiparty Call on Hold

To put a multiparty call on hold, select  [Options] then **Multiparty / Hold all**.

### 2-4 Activate the Multiparty Call on Hold

To make a multiparty call on hold active, select  [Options] then **Multiparty / Join all**.

### 2-5 Adding Calls to the Multiparty Call

To join an active call to the held multiparty call, select  [Options] then **Multiparty / Join all**.

### 2-6 Displaying Callers in a Multiparty Call

To scroll through the numbers of the callers who make up a multiparty call on the handset screen, press  and  keys.

### 2-7 Putting a Member of a Multiparty Call on Hold

To place one selected caller (whose number is currently displayed on-screen) of a multiparty call on hold, select  [Options] then **Multiparty / Exclude**.

### 2-8 A Private Call in a Multiparty Call

To have a private call with one caller of a multiparty call, display the number of the caller you wish to talk to on the screen, then select  [Options] and **Multiparty / Private** to put all the other callers on hold.

### 2-9 Ending a Multiparty Call

The currently displayed caller of a multiparty call can be disconnected by pressing the  [End] key. To end a multiparty call, press  [Options] then select **Multiparty / End multiparty**.

Selecting  [Options] then **Multiparty / End all**, will end all the active and held calls.

## Access Codes



You can use the access codes described in this section to avoid unauthorized use of your phone. The access codes (except PUK and PUK2 codes) can be changed by using [Menu 7-5-6].

### PIN code (4 to 8 digits)

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

### PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access some functions such as Advice of call charge, 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 change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your local service provider for the code. If you lose the code, also contact your service provider.

### 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 service provider.

### Security code (4 to 8 digits)

The security code protects the unauthorized use of your phone. It is usually supplied with the phone. This code is required to delete all phone entries and to activate "Reset settings" menu. The default number is "0000".



# Menu Tree



## 1 Profiles

- 1 Vibrate only
- 2 Silent
- 3 General
- 4 Loud
- 5 Headset



## 2 Call register

- 1 Missed calls
- 2 Received calls
- 3 Dialed calls
- 4 Delete recent calls
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## 4 Organiser

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## 5 Messages

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## 6 Camera

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## 7 Settings

- 1 Alarm clock
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## 8 Service

- 1 Internet
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## 9 Downloads

- 1 Pictures
- 2 Sounds
- 3 Games & more



## Profiles [Menu 1]

In this menu, you can adjust and customize the phone tones for different events and environments.

1. Press [Menu] in standby mode.
2. Press for direct access or use ( and ).
3. You can also enter this menu directly by pressing key in standby mode.

### Vibrate only [Menu 1-1]

You can adjust the profile as **Vibrate only** if you need vibration mode. In the mode, all kinds of alert are Vibrate or Silent.

### Silent [Menu 1-2]

You can adjust the profile as **Silent** if you are in quiet place.

### General [Menu 1-3]

You can adjust the profile as **General**.

### Loud [Menu 1-4]

You can adjust the profile as **Loud** if you are in a noisy environment.

### Headset [Menu 1-5]

You can adjust the profile as **Headset** when you put on a headset.

#### Note

- Headset profile can be activated only when Ear microphone put on the handset. However, their properties can be personalised.



## Activate [Menu 1-x-1]

Activates the selected Profile.

## Personalise [Menu 1-x-2]

Each has the submenus as shown below except for **Vibrate only**.

### **Call alert type**

Allows to select alert type such as Ring, Vibrate, etc. for the incoming for adjusting environment.

### **Ring tone**

Allows to set the ring tone for adjusting environment.

### **Ring volume**

Allows to set the ring volume for adjusting environment. The volume of Power on/off sound and all the alert sounds set according to **Ring volume**.

### **Message alert type**

Allows to alert when receiving a message for adjusting environment.

### **Message tone**

Allows to select the alert tone for message reception.

### **Keypad tone**

Allows to select the keypad tone for adjusting environment.



## Profiles [Menu 1]

### Keypad volume

Allows to set the keypad volume for adjusting environment.

### Flip tone

Allows to set the flip tone for adjusting environment.

### Effect sound volume

Allows to set the effect sound volume for adjusting environment.

### Power on/off volume

Allows to set the power on/off volume for adjusting environment.

### Auto answer

This function will be activated only when your phone is connected to the headset.

- **Off** : The phone will not answer automatically.
- **After 5 secs** : After 5 seconds, the phone will answer automatically.
- **After 10 secs** : After 10 seconds, the phone will answer automatically.

### Rename [Menu 1-x-3]

You can change the default profile name except of Vibrate only, Headset menus.

## Call register [Menu 2]



### Missed calls [Menu 2-1]

This menu shows recently missed numbers. You can call these numbers, save and view the date and the time.

### Received calls [Menu 2-2]

This menu shows recently received numbers. You can call these numbers, save and view the date and the time.

### Dialled calls [Menu 2-3]

This menu shows recently dialed numbers. You can call these numbers, save and view the date and the time.

### Delete recent calls [Menu 2-4]

You can delete recent calls of **Missed calls**, **Received calls**, **Dialled calls** or **All calls**.

### Call charges [Menu 2-5]

Within these submenus, you can view the duration and the call cost of your calls.

#### Call duration [Menu 2-5-1]

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

1. Press [Menu] in standby mode.
2. Press for direct access or use and to enter **Call register**, then select **Call charges**.
3. Scroll to highlight **Call duration** and Press [Select].

The following 5 submenus: **Last call**, **All calls**, **Received calls**, **Dialled calls** and **Reset all**.



## Call register [Menu 2]

### Call costs [Menu 2-5-2]

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 [Menu] in standby mode.
2. Press for direct access or use and to enter **Call register**, then select **Call charges**.
3. Scroll to highlight **Call costs** and Press [Select].

The following 4 submenus: **Last call**, **All calls**, **Remaining** and **Reset all**.

#### Note

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

### Settings [Menu 2-5-3] (SIM Dependent)

#### • Set tariff

You can set the currency type and the unit price. Contact your service providers to obtain charging unit prices. To select the currency or unit in this menu, you need the PIN2 code.

If you want to input €, £, \$ symbol, clear all currency strings and then press key. If you want to change symbol, press key again.

#### Note

- When all units have been used, no calls can be made except emergency calls. Depending on the SIM card, you need the PIN2 code to set a call cost limit.



- **Set credit**

This network service allows you to limit the cost of your calls by selected charging units. If you select **Read**, the number of remaining unit is shown. If you select **Change**, you can change your charge limit.

- **Auto display**

This network service allows you to see automatically the cost of your last calls. If set to **On**, you can see the last cost when the call is released.

## **GPRS information [Menu 2-6]**

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

### **Call duration [Menu 2-6-1]**

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

### **Data volumes [Menu 2-6-2]**

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



## Tools [Menu 3]

### Calculator [Menu 3-1]

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

1. Input the numbers by pressing numeric keys.
2. Use a navigation key to select a sign for calculation.
3. Then input the numbers.
4. Press  $\square$  [Result] to view the result.
5. Press  $\square$  [Reset] or enter numbers to repeat the procedure above.
6. Use  $\square$  key to erase any numbers or signs.
7. If you press  $\square$  key, you can input a minus number. In addition, if you press  $\square$  key, you can input a decimal number.
8. To end **Calculator**, press  $\square$  [Back].

### Unit converter [Menu 3-2]

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

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

### World time [Menu 3-3]

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

1. Select the city belonged to the time zone by pressing  $\square$ ,  $\square$  key.
2. You can set the current time to the city time you select by pressing  $\square$  [Set].



## Voice recorder [Menu 3-4]

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

### Record [Menu 3-4-1]

You can record voice memo in Voice recorder menu.

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

### View list [Menu 3-4-2]

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

## Activate IrDA [Menu 3-5]

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

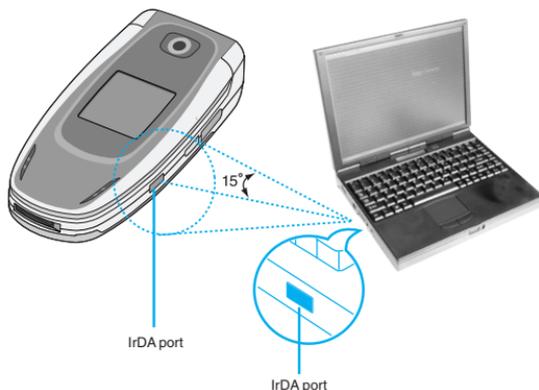
- Install the modem driver for receiving or sending the data/fax.
- Install the network dial-up software supplied by your network provider or fax application program for a fax call on your PC.
- Configure and activate an IrDA-compliant infrared port on your PC.
- Activate the infrared feature on the phone; the  symbol appears on the right side at the bottom of the display.
- 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.



## Tools [Menu 3]



### 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 the accessory kit. For more information, you can use the PC Sync Help file on the CD.
- If your version of Windows is Windows 2000 or XP, you will need to install the infrared-driver (please download and install the IrCOMM2k driver from the website <http://www.ircomm2k.de/>), if you have not already done so. The web site also offers an installation guide. The drivers support Microsoft Win98 SE/ME and Win2000/XP operating systems.

## Memory status [Menu 3-6]

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

## Organiser [Menu 4]



### Scheduler [Menu 4-1]

When you enter this menu a Calendar will show up. On top of the screen there are sections for date. Also on bottom of the screen there are sections for icons (schedule, memo). Whenever you change the date, the calendar will be updated according to the date. And square cursor will be used to locate the certain day. If you see under bar on the calendar, it means that there is a schedule or memo that day. This function helps to remind you of your schedule and memo. The phone will sound an alarm tone if you set this for the note.

To change the day, month, and year.

Key	Description	Key	Description
	Yearly		Weekly
	Monthly		Daily

#### Note

- Your phone should be switched on to use this function.



## Organiser [Menu 4]

### Add new [Menu 4-1-1]

You can make up to maximum 20 notes.

#### • Schedule

Input the subject, the schedule time, the repeat, the alarm by pressing allowed keys.

#### • Memo

1. Select **Add new** by pressing [Select].
2. Press **Memo**.
3. Input the memo and then press [OK].

### View [Menu 4-1-2]

Shows the note for the chosen day. Use , to browse through the note lists. If you set alarm for the note, Alarm watch is displayed. At that time, if you press [Select], you can see the note in detail. Press [Options] to delete, edit the note you selected.

### View all [Menu 4-1-3]

Shows the notes that are set for all days. Use , to browse through the note lists. You can use the same menu as “**View**” by pressing [Options].

### Delete past [Menu 4-1-4]

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

### Delete all [Menu 4-1-5]

You can delete for the all note(s).



## Contacts [Menu 4-2]

1. To use **Contacts**, press  [Contacts] in standby mode.
2. To use **Contacts**, press  [Menu] in standby mode and select **Organiser**.

## Search [Menu 4-2-1]

### (Calling from phonebook)

1. In standby mode, press  [Contacts].
2. **Search** by pressing  [Select].
3. Enter the name whose phone numbers or e-mail address you want to search or Select 'List' to view phonebook.
4. Instant searching is available by inputting the initial letter of the name or number you want to search.
5. If you want to edit, delete, copy an entry, or to add the voice to one, select  [Options]. The following menu will be displayed.
  - **Edit:** You can edit the name, number, E-mail and fax by pressing  [OK].
  - **Write text/multimedia message:** After you have found the number you want, you can send a text/multimedia message to the selected number.
  - **Copy:** You can copy an entry from SIM to phone or from phone to SIM.
  - **Main number:** You can select the one out of mobile, home, office that you often use. The main number will be displayed first, if you set this.
  - **Delete:** You can delete an entry.



## Organiser [Menu 4]

### Add new [Menu 4-2-2]

You can add phonebook entry by using this function.

Phone memory capacity is 200 entries. SIM card memory capacity depends on the cellular service provider.

You can also save 20 characters of name in The Phone memory, and save characters in the SIM card. The number of character is SIM dependent feature.

1. Open the phonebook first by pressing [Contacts] in standby mode.
2. Scroll to highlight **Add new**, and press [Select].
3. Select the memory you want to save: **SIM** or **Phone**. If set to Phone, you need to select which number you want as Main number.
  - a. Press [OK] to input a name.
  - b. Press [OK], then you can input a number.
  - c. Press [OK].
  - d. You can set a group for the entry by pressing , :
  - e. You can set a character and a picture for the entry by pressing , , , .

#### Note

- When you save icon and picture in a phone book at the same time, you can view a picture on any condition.



## Caller groups [Menu 4-2-3]

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

1. In standby mode, press  [Contacts].
2. Scroll to **Caller groups** item then press  [Select], and every Group list will be displayed.
3. Select Group name you want by pressing  [Select].

- **Member list**

Shows the group members you have selected.

- **Group ring tone**

Allows you to specify ring tone for the group members' call.

- **Group icon**

Allows you to select the icon dependent on Group.

- **Add member**

You can add group members. Each group member shouldn't be exceeded 20.

- **Remove member**

You can remove the member from the Group member list. But the name and the number still remain in phonebook.

- **Rename**

You can change a group name.



## Organiser [Menu 4]

### Speed dial [Menu 4-2-4]

You can assign any of the keys,  to  with a Name list entry. You can call directly by pressing this key for 2-3 seconds.

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

### Settings [Menu 4-2-5]

1. Press  [Contacts] in standby mode.
2. Scroll to **Settings**, then press  [Select].
  - **Set memory**

Scroll to highlight **Set memory**, then press  [Select].

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

Scroll to highlight **Search by**, then press  [Select].

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

Scroll to highlight **View options**, then press  [Select]

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



- **With pictures:** Set the phonebook list with the information of character and picture.
- **Name & number:** Set the phonebook list with displaying name and number.

### Copy all [Menu 4-2-6]

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

1. Open the Phonebook first by pressing [Contacts] in standby mode.
2. Scroll to **Copy all**, then press [Select] to enter this menu.
  - **SIM to Phone** : You can copy the entry from SIM Card to Phone memory.
  - **Phone to SIM** : You can copy the entry from Phone memory to SIM Card.
3. You can see the following submenus.
  - **Keep original** : When copying, Original Dial Number is kept.
  - **Delete original** : When copying, Original Dial Number will be erased.

### Delete all [Menu 4-2-7]

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

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



## Organiser [Menu 4]

### Information [Menu 4-2-8]

#### • Service dial number

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

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

#### • Memory status

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

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

#### • Own number (SIM dependent)

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

## Messages [Menu 5]



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

### Write text message [Menu 5-1]

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

1. Enter the **Messages** menu by pressing  [Select].
2. If you want to write a new message, select **Write text message**.
3. To make text input easier, use T9. For details, see **How to use T9** (Page 56).
4. Press [Insert] to attach the followings.
5. If you want to set option for your text, or to finish your writing, press  [Options].

#### Note

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



## Messages [Menu 5]

### Insert

- **Symbol**

You can add special characters.

- **Picture**

You can insert the **Default** pictures or pictures in **My folder** 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 **Contacts**.

- **Signature**

You can add your signature to the message.

### Options

- **Send**

Sends text messages.

1. Enter numbers of recipient.
2. Press  key to add more recipients.
3. You can add phone numbers in the phone book.
4. Press  after entering numbers.

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

- **Save**

Stores messages in Outbox.



- **Font**

You can select **Size** and **Style** of fonts.

- **Colour**

You can select **Colour** of foreground and background.

- **Alignment**

You can make the message contents aligned **Right**, **Centre** or **Left**.

- **Add T9 dictionary**

You can add your own word. This menu can be shown only when edit mode is **Predictive (T9Abc/T9abc/T9ABC)**.

- **T9 languages**

Select a T9 input mode.

- **Exit**

If you press **Exit** while writing a message, you can end the writing message and back to the Message menu. The message you have written is not saved.

## **Write multimedia message [Menu 5-2]**

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

1. Enter the **Messages** menu by pressing  [Select].
2. If you want to write a new message, select **Write multimedia message**.
3. You can create a new message or choose one of the multimedia message templates already made.
4. Press **Insert** to add **Symbol**, **Photo**, **Take photo**, **Picture**, **Sound**, **Voice memo**, **Text templates**, **Contacts** or **Signature**.



## Messages [Menu 5]

### Options

- **Send**

You can send multimedia messages to multiple recipients, prioritise your message, and make it sent later as well.



#### Note

- All messages will be automatically saved in the outbox folder, even after a sending failure.
- Check with your service provider if the Priority service is available.

- **Preview**

You can preview multimedia messages you wrote.

- **Save**

You can save multimedia messages **In drafts** or **As template**.

- **Add slide**

You can add a slide before or after current slide.

- **Move to slide**

You can move to previous or next slide.

- **Delete slide**

You can delete current slides.

- **Set slide format**

- **Set timer**

You can set timer for slide, text, picture and sound.

- **Swap text and picture**

You can switch the position of picture and text of the message.



- **Remove media**

You can remove pictures or sounds in the slide. This option can be shown only when any media exists.

- **Add T9 dictionary**

You can add your own word. This menu can be shown only when edit mode is **Predictive (T9Abc/T9abc/T9ABC)**.

- **T9 languages**

Select a T9 input mode.

- **Exit**

You can back to the Message menu.



**Note**

- If you select the picture (15K) on writing multimedia message, loading duration will take around 15 seconds at least. Furthermore, you can't activate any key during loading time. After 15 seconds, it is available to write multimedia message.



## Messages [Menu 5]

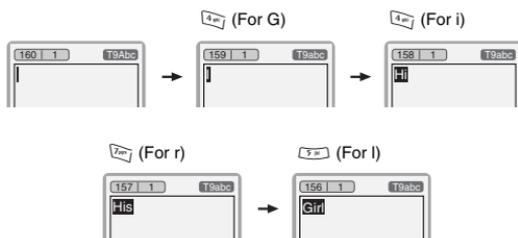
### How to Use T9

T9 allows you to input text quickly.

In T9, you only need to press the key with the corresponding letter once. This is based on a built-in dictionary to which you can also add new words.

#### • Writing words by using T9.

1. Start writing a word by using the keys  to . Press each key only once for one letter. To write for instance 'Girl', press , , , . The characters that you enter appear blocked.



The word changes after each keystroke. Therefore you shouldn't pay too much attention to how the word appears on the display until you have pressed all the appropriate keys.

To delete a character to the left, press .

To insert several numbers, hold  down and key in the numbers.

If you hold  down, you can change the type of language. (You can also use options.)

Also, the phone supports three modes: **Predictive** (T9Abc, T9ABC, T9abc), **Multitap** (ABC, abc), **Numeric** (123).

If you want to change a mode, press  key.



**Alternatively:** Press  key and select insert symbols. Select the desired character and press **Select**.

2. When you have finished writing a word, check whether the word is correct.

**If the word is correct:** Press  and write the next word.

**If the word is not correct:** Search by ,  (**Previous and Next word**).

**Alternatively:** If there is no word you want you can add your own word. Press  [Options] in the Predictive edit mode. Select Add T9 dictionary Menu. You can see the following.



3. To insert a punctuation mark, press  repeatedly until the desired mark appears.

### T9 languages

- You can select T9 Languages by selecting Menu. In T9 mode, you can also select T9 Off menu. (Default is T9 On)



## Messages [Menu 5]

### Inbox [Menu 5-3]

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

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

#### Icon directive

- [] Multimedia message
- [] Short message
- [] SIM message
- [] Read multimedia message
- [] Read text message
- [] Push message
- [] Notified multimedia message

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

#### \* SIM message

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

For notified multimedia message, you have to wait for downloading and processing of the message. For notification setting, see [Menu 5-9-2] for detail.

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



## Reply

You can reply to the sender.

## Forward

You can forward the selected message to another party.

## Return call

You can call back to the sender.

## Delete

You can delete the current message.

## Extract

You can extract picture, sound and text. They will be saved in My folder or Phonebook.

## View information

You can view information about received messages; Sender's address, Subject (only for Multimedia message), Message date & time, Message type, Message size, Priority and Class.

## Delete all

You can delete all messages.

## Replay (applicable to Multimedia message only)

You can replay multimedia messages.

### \* Receive (In the case of notification message)

If **Multimedia message** is set to **Auto download off**, you can get only Notification. To receive a message, you need to select [Receive].



## Messages [Menu 5]

### Outbox [Menu 5-4]

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

The browsing is same as that for the inbox message.

#### Icon directive

- [] MMS Sent
- [] MMS Unsent
- [] MMS delivery confirmed
- [] SMS sent
- [] SMS unsent
- [] SMS Delivery confirmed

### \* When you already sent the message:

#### View

You can see the sent messages.

#### Forward

You can forward the current message to other recipients.

#### Delete

You can delete the current message.

#### View information

You can view information about outbox messages; Recipient's address, Subject (only for Multimedia message), Message date & time, Message type, Message size and Delivery report.

#### Delete all

You can delete all messages that you sent.



## \* When you didn't send the message:

### View

You can see the unsent messages.

### Send

You can send the message.

### Delete

You can delete the current message.

### View information

You can view information about outbox messages.

### Send all

You can send all messages didn't send.

### Delete all

You can delete all messages didn't send.

## Drafts [Menu 5-5]

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

The following options are available.

- **View:** You can see the multimedia messages.
- **Edit:** Modifies the message you choose.
- **Delete:** Deletes the message you choose.
- **View information:** To view the information of the message.
- **Delete all:** Deletes all of the messages in the folder.

## Listen to voice mail [Menu 5-6]

You can listen to voice mail.



## Messages [Menu 5]

### Info message [Menu 5-7]

#### (Dependent to network and subscription)

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

### Read [Menu 5-7-1]

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

### Topics [Menu 5-7-2]

#### (Dependent to network and subscription)

- **Add new**

You can add Info service message numbers in the Phone memory with its nickname.

- **View list**

You can see Info service message numbers which you added. If you press ⏪ [Options], you can edit and delete info message category which you added.

- **Active list**

You can select Info service message numbers in the active list. If you activate an info service number, you can receive messages sent from the number.



## Templates [Menu 5-8]

### Text templates [Menu 5-8-1]

You have 6 text templates.

### Multimedia templates [Menu 5-8-2]

You can use the following options.

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

### Signature [Menu 5-8-3]

You can make your signature.

## Settings [Menu 5-9]

### Text message [Menu 5-9-1]

- **Message types**

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

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

- **Validity period**

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



## Messages [Menu 5]

- **Delivery report**

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

- **Reply via same service centre**

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

- **SMS centre**

If you want to send the text message, you can receive the address of SMS centre through this menu.

### Multimedia message [Menu 5-9-2]

- **Priority**

You can set the priority of the message you choose.

- **Validity period**

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

- **Delivery report**

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

- **Auto download**

If you select **On**, you receive multimedia messages automatically.

If you select **Off**, you receive only notification message in the inbox and then you can check this notification.

If you select Homenetwork only, You receive multimedia messages depends on Homenetwork.



- **Network settings**

If you select multimedia message server, you can set URL for multimedia message server.

- **Permitted types**

**Personal** : Personal message.

**Advertisements** : Commercial message.

**Information** : Necessary information.

### Voice mail centre [Menu 5-9-3]

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

- **Home**

You can listen to voice mails by selecting Home.

- **Roaming**

Even when you are in abroad, you can listen to voice mails if roaming service is supported.

### Info message [Menu 5-9-4]

- **Receive**

- **Yes**

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

- **No**

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



## Messages [Menu 5]

- **Alert**

- **Yes**

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

- **No**

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

- **Languages**

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

### Push messages [Menu 5-9-5]

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



## Camera [Menu 6]

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

### Take picture [Menu 6-1]

#### \* To take a picture with Folder opened

1. Select **Camera**, and then press . If you want to reach this menu directly, press for a long time.
2. Focus on the subject to capture the image, and then press or or .
3. If you want to save it, press or or .

#### \* To take a picture with Folder closed

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

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

### Submenus

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



## Camera [Menu 6]

### Reference!

- **Settings window**

You can control the image size, brightness, colour and zooming by pressing or .

[ ] **Zooming:** x1, x2, x4 (depends on resolution).  
The default value is x1.

[ ] **Colour:** True colour, Sepia, Black/White.

[ ] **Brightness:** -2, -1, Standard, +1, +2.

[ ] **Autoshoot:** Off, 3 sec, 5 sec.

[ ] **Memory status:** Check the available memory to take new pictures.

[ ] **Flash:** Set on/off the Flash light.

[ ] **Resolution:** VGA 640x480, QVGA 320x240,  
QQVGA 128x160, PB : 48x48

[ ] **Picture quality:** Basic, Norm and Fine .

### Note

- To use the Picture Phonebook, you have to take picture at 48x48 pixels.



### Activating a key

- : Move the item which you set.
- : Modify the option selected.
- : Take and save a picture.,
- : Go back to the previous menu or exit from camera mode.
- : Take and save a picture.
- : Send via MMS.
- : Save the picture in the Album.
- : Delete the picture.

### Take in modes [Menu 6-2]

You can take a picture on the various of backgrounds. Furthermore, you can select a frame by pressing , .

#### Reference!

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

### Take continuously [Menu 6-3]

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

#### Reference!

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



## Camera [Menu 6]

### Album [Menu 6-4]

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

### All pictures [Menu 6-4-1]

You can view all pictures in order.

### General pictures [Menu 6-4-2]

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

### Mode pictures [Menu 6-4-3]

You can view all frame pictures.

#### • Options

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



## Phonebook pictures [Menu 6-4-4]

You can view all phonebook pictures.

### • Options

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

## Settings [Menu 6-5]

### Memory status [Menu 6-5-1]

You can check the capacity of photo and free memory.

### Clear album [Menu 6-5-2]

You can delete all pictures which saved in a memory.

### Auto save [Menu 6-5-3]

Automatically saves the pictures taken with the camera.



## Settings [Menu 7]

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

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

### Alarm clock [Menu 7-1]

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

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

### Date & Time [Menu 7-2]

You can set functions relating to the date and time.

#### Set date [Menu 7-2-1]

You can enter the current date.

#### Date format [Menu 7-2-2]

You can set the Date format such as DD/MM/YYYY, MM/DD/YYYY, YYYY/MM/DD. (D: Day / M: Month / Y: Year)

#### Set time [Menu 7-2-3]

You can enter the current time.

#### Time format [Menu 7-2-4]

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



## **Phone settings [Menu 7-3]**

You can set functions relating to the phone.

### **Display settings [Menu 7-3-1]**

- **Wallpaper**

You can select the background pictures in standby mode.

- Main LCD

- Sub LCD

- Default

- You can select a picture or an animation of wallpaper by pressing **[C]** or **[D]**.

- Myfolder

- You can select a picture or an animation as wallpaper.

- **Greeting note**

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

- **Backlight**

You can set the light-up duration of the internal display.

- **Information window**

You can preview the current state of the selected menu before open the menu. The state is shown at bottom of the display.

- **Network name**

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



## Settings [Menu 7]

### Language [Menu 7-3-2]

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

### Call settings [Menu 7-4]

You can set the menu relevant to a call by pressing  [Select] in the Setting menu.

### Call divert [Menu 7-4-1]

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

- **All voice calls**

Diverts voice calls unconditionally.

- **If busy**

Diverts voice calls when the phone is in use.

- **If no reply**

Diverts voice calls which you do not answer.

- **If out of reach**

Diverts voice calls when the phone is switched off or out of coverage.

- **All data calls**

Diverts to a number with a PC connection unconditionally.

- **All fax calls**

Diverts to a number with a fax connection unconditionally.

- **Cancel all**

Cancels all call divert service.



## The submenus

**Call divert** menus have the submenus shown below.

### - **Activate**

Activate the corresponding service.

#### **To voice mail centre**

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

#### **To other number**

Inputs the number for diverting.

#### **To favourite number**

You can check recent 5 diverted numbers.

### - **Cancel**

Deactivate the corresponding service.

### - **View status**

View the status of the corresponding service.

## Answer mode [Menu 7-4-2]

### • **Flip open**

If you select this menu, you can receive an incoming call when only opening flip.

### • **Press any key**

If you select this menu, you can receive a call by pressing any key except  [End] key.

### • **Send only**

If you select this menu, you can receive a call by only pressing  [Send] key.



## Settings [Menu 7]

### Send my number [Menu 7-4-3] (network and subscription dependent)

- **On**

You can send your phone number to another party. Your phone number will be shown on the receiver's phone.

- **Off**

Your phone number will not be shown.

- **Set by network**

If you select this, you can send your phone number depending on two line service such as line 1 or line 2.

### Call waiting [Menu 7-4-4] (network dependent)

- **Activate**

If you select Activate, you can accept a waiting (receiving) call.

- **Cancel**

If you select Cancel, you cannot recognize the waiting (receiving) call.

- **View status**

Shows the status of Call waiting.

### Minute minder [Menu 7-4-5]

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



## Auto redial [Menu 7-4-6]

- **On**

When this function is activated, the phone will automatically try to redial in the case of failure to connect a call.

- **Off**

Your phone will not make any attempts to redial when the original call has not connected.

## Select line [Menu 7-4-7]

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**

## Security settings [Menu 7-5]

### PIN code request [Menu 7-5-1]

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

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



## Settings [Menu 7]

### Phone lock [Menu 7-5-2]

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

### Call barring [Menu 7-5-3]

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

- **All outgoing**

The barring service for all outgoing calls.

- **International**

The barring service for all outgoing international calls.

- **International when roaming**

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

- **All incoming**

The barring service for all incoming calls

- **Incoming when roaming**

The barring service for all incoming calls when roaming

- **Cancel all**

You can cancel all barring services.

- **Change password**

You can change the password for Call Barring Service.



### The submenus:

- **Activate**

Allows to request the network to set call restriction on.

- **Cancel**

Set the selected call restriction off.

- **View status**

View the status whether the calls are barred or not.

### Fixed dial number [Menu 7-5-4] (SIM dependent)

You can restrict your outgoing calls to selected phone numbers. The numbers are protected by your PIN2 code.

- **Activate**

You can restrict your outgoing calls to selected phone numbers.

- **Cancel**

You can cancel fixed dialling function.

- **Number list**

You can view the number list saved as Fixed dial number.

### Change codes [Menu 7-5-5]

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

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

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



## Settings [Menu 7]

### Network settings [Menu 7-6]

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

#### **Automatic [Menu 7-6-1]**

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

#### **Manual [Menu 7-6-2]**

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

#### **Preferred [Menu 7-6-3]**

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

### Reset settings [Menu 7-7]

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

### GPRS setting [Menu 7-8]

You can set GPRS service depending on various situations.



### Internet [Menu 8-1]

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.

### Home [Menu 8-1-1]

Connect to a homepage. The homepage may be the site which is defined in the activated profile. It will be defined by Service Provider if you don't make in activated profile.

### Bookmarks [Menu 8-1-2]

As Internet Bookmarks for your Internet PC browser, in this menu you can add or change your favourite WAP sites in order to always have them with you.

Press  [Select] to access available options, or press  [Back] to exit.

#### ► WOW LG

- **Connect** : Connect to the selected bookmark.
- **Add new** : Add a new bookmark manually.
- **Edit** : Edit the title and the address of the selected bookmark.
- **Delete** : Delete the selected bookmark from the bookmark list.



## Service [Menu 8]

### Profiles [Menu 8-1-3]

Profiles contain the configurations to use WAP and MMS services. As the Internet connection for the PC, the mobile phone must be configured in order to access the gateway of service provider. In this menu, you can configure several profiles. You must remember that WAP and MMS profiles are different, so you need to configure 2 different profiles. Contact the service provider to get all the necessary parameters.

This mobile phone also supports the Over The Air (OTA) configuration, compliant with the Openwave specification. Using OTA, you can configure the phone using an SMS. Contact the service provider for the availability of this service.

Each profile contains the following menu:

- **Activate**

You can activate the profile you want.

- **Settings**

You can edit and change WAP settings of the selected profile.

- **Homepage**

This setting allows you to enter the address (URL) of a site you want to use as homepage. You do not need to type "http://" at the front of each URL as the WAP Browser will automatically add it.

- **Bearer**

You can set the bearer data service.

- Data
- GPRS



#### - Data settings

Appears only if you select Data settings as a Bearer service.

**IP address** : Enter the IP address of the WAP gateway you want.

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

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

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

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

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

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

#### - GPRS settings

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

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

**APN** : Input the APN of the GPRS.

**User ID** : The users identify for your APN server.

**Password** : The password required by your APN server.



## Service [Menu 8]

### - Connection type

The options for connection type are Temporary or Continuous and depend on the gateway you are using.

#### Continuous

A confirmed delivery mechanism but generates more network traffic.

#### Temporary

A non-confirmed (connectionless) service.

#### HTTP

### - Proxy settings

**IP address:** Input the IP address of the proxy.

**Port:** Input the port number of the proxy.

### - DNS settings

You can set the primary and secondary server as the DNS.

### - Secure settings

According to the used gateway port, you can choose this option as **On** or **Off**.

### - Display image

You can select whether images on WAP cards are displayed or not.

- **Rename**

Edit the Profile Name.

- **Delete**

Delete the Profile.

- **Add new**

You can add a new profile manually.



### **Go to URL [Menu 8-1-4]**

You can directly connect to the site you want. You need to enter a specific URL.

### **Cache settings [Menu 8-1-5]**

You can remove the contents of Cache memory or change the Cache mode.

- **Clear cache**

The contents of Cache memory will be removed.

- **Check cache**

You can set the option whether you will check the cache memory or not.

### **Cookies settings [Menu 8-1-6]**

You can set the cookies setting you want.

### **Security certification [Menu 8-1-7]**

A list of the available certificates is shown.

### **Reset profiles [Menu 8-1-8]**

You can reset profiles to return to original settings.

### **Browser version [Menu 8-1-9]**

The WAP Browser version is displayed.

### **SIM Service [Menu 8-2]**

This menu depends on SIM and the network services.



## Service [Menu 8]

### On browsing menu

If you are on line, you can view the following menus.

- **Home**

Refer to [Menu 8-1-1].

- **Reload**

Reloads the current page.

- **Bookmarks**

See [Menu 8-1-2].

- **Save as bookmark**

You can save a site as bookmark.

- **Go to URL**

You can move to the site you want. In this menu, you can also edit the site address.

- **Clear cache**

The contents of cache memory will be removed.

## Downloads [Menu 9]



Enables you to view the downloaded pictures and sounds. They can be set as Wallpaper or Ring tone. You can view, listen, delete or rename downloaded data.

### [Pictures \[Menu 9-1\]](#)

### [Sounds \[Menu 9-2\]](#)

### [Games & more \[Menu 9-3\]](#)

#### **My games & more [Menu 9-3-1]**

Main Screen, Java' main menu, has a Preinstalled folder already created, and adds it to the list when a new folder is created or downloaded games are stored.

After selecting a folder, and then press Menu, sub menus available to several options (New, Move, About, Info, Remove, Update, Options, Rename and Exit) are displayed.

- **New:** Create a new folder.
- **Move:** Move the stored game to other folder.
- **About:** Show the information on a game manufacturer.
- **Info:** Show all the information on the game.
- **Remove:** Delete the game.
- **Update:** Connect to the server and download the new version of the stored game.
- **Options:** Perform network setup of the selected game.
- **Rename:** Rename the game.
- **Exit:** Exit the game.



## Downloads [Menu 9]

If you choose a Preinstalled game, several sub menus (Up, Info, Options and Exit) are displayed, and choosing Info will show you the information for the games provided by default.

### Java

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.
- Even if they are built on a standard language (J2ME), not all the Java application are compatible with all phones, because they can use specific libraries (API). If you download a Java application not specifically built for this model, you could experience power down or lock up problems, which will need the phone to be restarted (by detaching and reattaching the battery). We specify that these issues are caused by incompatible programs, and it does not mean that the phone has a problem.

### Profiles [Menu 9-3-2]

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



## Accessories

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



### Standard Battery



### Stereo headset

Allows hands-free operation. Includes earpiece and microphone.



### Travel Adapter

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



### Data cable/CD

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

#### Note

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

## Technical Data



### General

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Product name : F2100

System : GSM 900 / DCS 1800

### Ambient Temperatures

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Max : +55°C

Min : -10°C

# Declaration of Conformity LG Electronics

This model complies with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directive, if used for its intended use.

1. Health (Article 3.1.a of the R&TTE Directive)
2. Safety (Article 3.1.a of the R&TTE Directive)
3. Electromagnetic compatibility (Article 3.1.b of the R&TTE Directive)
4. Efficient use of the radio frequency spectrum (Article 3.2 of the R&TTE Directive)

I hereby declare under our sole responsibility that the product mentioned above to which this declaration relates complies with the above mentioned articles of the directive.

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# CE 0168

## LIMITED WARRANTY STATEMENT

### **1. WHAT THIS WARRANTY COVERS:**

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

- (1) The limited warranty for the Product extends for ONE (1) year beginning on the date of purchase of the Product.
- (2) The limited warranty extends only to the original consumer purchaser of the Product ("Customer") and is not assignable or transferable to any subsequent Customer. LG offers a limited warranty for genuine LG battery packs, extending SIX (6) months from the date of purchase.
- (3) This warranty is good only to the Customer during the warranty period as long as it is in AUSTRALIA.
- (4) During the limited warranty period, any defective LG Product or part will be repaired or replaced by LG or its authorised service centre, at LG's option, with new or factory rebuilt replacement items. LG or the authorised service centre will return the Product to the Customer in working condition. No charge for either parts or labour in repair or replacement of the Product will be incurred by the Customer. If parts, boards or equipment are replaced, they shall become the property of LG.
- (5) Upon request from LG, the Customer must provide LG with proof of the date of purchase.
- (6) The Customer will bear the cost of transporting, delivering and handling the Product to and from LG or its authorised service centre.
- (7) The benefits available from this limited warranty are in addition to all applicable statutory rights.

## **2. WHAT THIS WARRANTY DOES NOT COVER:**

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

### **3. WARRANTY STATEMENT**

Except for those terms that cannot by law be excluded, all terms other than those expressly contained in this limited warranty statement are excluded. To the extent permitted by law, LG excludes all liability (whether in contract, tort or otherwise) for any consequential, special, incidental or indirect loss or damage including loss of profit, loss or impairment of privacy of conversations, work stoppage or loss or impairment of data arising out of the use or inability to use the Product.

### **4. HOW TO GET WARRANTY SERVICE:**

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

Tel: 1800-638-080      Fax: 02-8805-4243

LG Electronics Australia Pty Ltd  
2 Wonderland Drive  
Eastern Creek NSW 2766  
PO Box 212  
HORSLEY PARK NSW 2175



**LG Electronics Australia Pty Ltd.**



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