

For Your Safety

Important Information

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

Before You Start

Safety Instructions

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

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

Be careful when using your phone near other electronic devices. RF emissions from your mobile phone may affect nearby in adequately shielded electronic equipment. You should consult with manufacturers of any personal medical devices such as pacemakers and hearing aides to determine if they are susceptible to interference from your mobile phone.

Turn off your phone in a medical facility or at a gas station. Never place your phone in a microwave oven as this will cause the battery to explode.

IMPORTANT! Please read the TIA SAFETY INFORMATION on page 78 before using your phone.

Safety Information

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

- ▶ Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
- ▶ Never place your phone in a microwave oven as it will cause the battery to explode.
- ▶ Do not dispose of your battery by fire or with hazardous or flammable materials.
- ▶ Make sure that no sharp-edged items come into contact with the battery. There is a risk of this causing a fire.
- ▶ Store the battery in a place out of reach of children.
- ▶ Be careful that children do not swallow any parts such as rubber plugs (earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation.

- ▶ Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- ▶ 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.
- ▶ Do not use a hand-held phone while driving.
- ▶ Do not use the phone in areas where its use is prohibited. (For example: aircraft).
- ▶ Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.
- ▶ Never store your phone in temperatures less than -4°F or greater than 122°F.
- ▶ 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 drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.
- ▶ Do not use your phone in high explosive areas as the phone may generate sparks.
- ▶ Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause a fire or electric shock.
- ▶ Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause fire or electric shock.
- ▶ Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- ▶ Do not disassemble the phone.
- ▶ Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- ▶ Only use the batteries, antennas, and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.
- ▶ 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 hold or let the antenna come in contact with your body during a call.
- ▶ An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.

FCC RF Exposure Information

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

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

CAUTION

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with skin, a minor burn may result. Contact your local dealer for a replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 0.79 inches (2cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2cm) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 0.79 inches (2cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Vehicle Mounted External Antenna (optional, if available)

A minimum separation distance of 8 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements. For more information about RF exposure, visit the FCC website at www.fcc.gov

FCC Part 15 Class B Compliance

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

Cautions for Battery

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

Battery Disposal

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

Adapter (Charger) Cautions

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

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

GB100/GB105 USER GUIDE

This manual may differ from the phone depending on the phone software version and service provider used.

P/N: 00000000 (1.0)

Turning Your Phone On and Off

1. Hold down the [END] key until the phone switches on.
2. To switch the phone off, hold down the [END] key until the power-off image displays.

Making a call

1. Enter a phone number including the area code.
2. Press the [SEND] key to call the number.
3. When finished, press the [END] key.

Answering a call

1. When the phone rings and the phone icon flashes on the screen, press the [SEND] key or the left soft key to answer.
2. If the Any Key menu option (Menu 5.5.2.1), has been set, any key press will answer a call except for the [END] key or the right soft key.
3. End the call by pressing the [END] key.

Note: After the call ends, the phone will go back to standby mode.

Making an international call

1. Press and hold the [0+] key for the international prefix. The '+' character automatically selects the international access code.
2. Enter the country code, area code, and the phone number.
3. Press [SEND] key to call the number.

Anti-theft Mobile Tracker (ATMT)

1. The ATMT feature of this phone provides you with the ability to have a tracking system in place for your Mobile in case you lose or misplace it.
2. The moment an un-authorized user uses your phone, a SMS is triggered from your phone and the Message is sent to your pre-defined number.
3. Setting the ATMT ON [Menu → Settings → Security]
 - › Select "Anti-theft Mobile Tracker"
 - › Select Set ATMT
 - › Select ON, press OK
 - › Enter default ATMT code.

Note

› In case you want to use your phone with some other SIM card, make sure to set the ATMT feature OFF.

› It is recommended to enter the Number for ATMT with the country code (e.g. for INDIA +91 followed by mobile number)

› Default ATMT code is "0000".

Installing the SIM Card and Charging the Battery

Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, any optional services available and many others.

Important!

› The plug-in SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting or removing the card. Keep all SIM cards out of the reach of small children.

› USIM is not supported in a phone.

Illustrations

1. Open battery cover
2. Insert your SIM
3. Close battery cover
4. Charge your battery

Menu and Options

Your phone offers a set of functions that allow you to customize it. These functions are arranged in menus and sub-menus, accessed via the left and right soft keys. The label on the bottom of the display screen immediately above the soft keys indicates their current function.



How to set the tone

Ringtone

1. Press the left soft key [Menu] and select [Settings - Profiles] using the up/down navigation keys.
2. Select [General - Personalise] and choose Ringtones menu.
3. Press the left soft key [OK] and then you can set the desired ringtone.

Tip

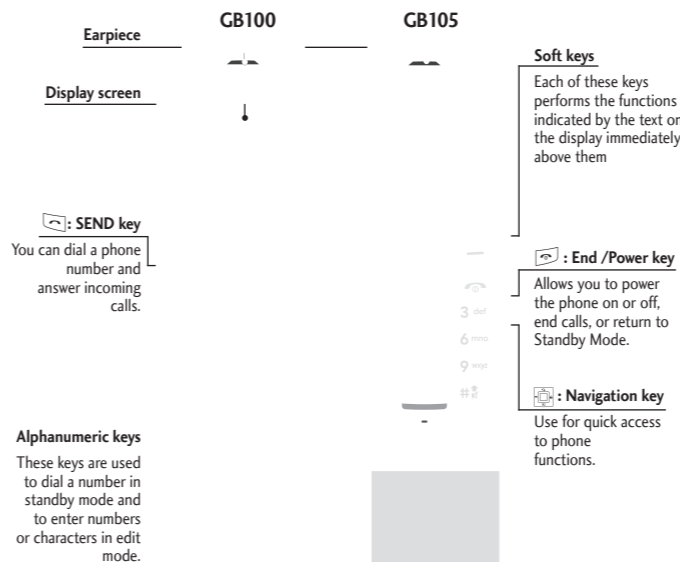
› If you want to change your ringer to vibrate, select Vibrate mode or press and hold the [SEND] key.

Call alert type, Ring tones, Ring volume, Message alert type, Message tones, Message volume, Keypad tones, Keypad volume, Effect sound volume, Power on/off volume

You can select Call alert type, Ring tones, Ring volume, Message alert type, Message tones, Message volume, Keypad tones, Keypad volume, Effect sound volume, Power on/off volume.

You can change the sound that will occur when a key is pressed, or volume level. [Menu - Settings - Profiles - General - Personalise]

Phone Components



Entering Text

You can enter alphanumeric characters by using the phone's keypad. To change modes, press the [SEND] key.

T9 Mode

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

ABC Mode

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

123 Mode (Numbers Mode)

Type numbers using one keystroke per number.

Symbol Mode

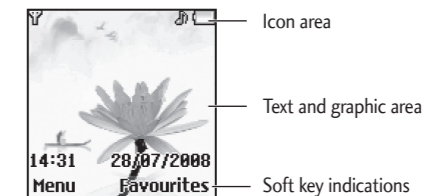
This mode allows you to enter special characters by short pressing [SEND] key.

Menu tree

1. Contacts 1.1 Search 1.2 New contact 1.3 Speed dials 1.4 Copy all 1.5 Delete all 1.6 Memory status 1.7 Information	3. Call history 3.1 All calls 3.2 Missed calls 3.3 Dialed calls 3.4 Received calls 3.5 Call duration	5. Settings 5.1 Profiles 5.2 Date & Time 5.3 Language 5.4 Display 5.5 Call 5.6 Auto keylock 5.7 Security 5.8 Power save 5.9 Network selection 5.0 Reset settings 5.* Memory status
2. Messaging 2.1 New message 2.2 Inbox 2.3 Drafts 2.4 Outbox 2.5 Sent 2.6 Listen voice mail 2.7 Info messages 2.8 Templates 2.9 Settings	4. Tools 4.1 Games 4.2 FM radio* (GB105) 4.3 Calculator 4.4 Stopwatch 4.5 Unit Converter 4.6 World clock	6. Organizer (SIM Service)** 6.1 Alarm 6.2 Calendar 6.3 Memo

** In case SIM Services are also provided by the service provider then Menu 6 will be SIM Services and Organizer will be under Menu 4. Tools.

Display Information



On-Screen Icons

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

	Tells you the strength of the network signal.
	Call is connected.
	Shows that you are using a roaming service.
	The alarm has been set and is on.
	Tells you the status of the battery.
	You have received a text message.
	You have received a voice message.
	Vibrate only menu in profile.
	General menu in profile.
	Outdoor menu in profile.
	Silent menu in profile.
	Headset menu in profile.
	You can view your schedule.

FM Radio (GB105)

(This function may be different in different regions.)

1. Press the corresponding number key of a channel to store the selected radio station.
2. After presetting radio channels, you can listen to another channel by pressing the corresponding number key.
3. You can access the following option menus by pressing the left soft key [Options].
 - › **Edit channel:** You can adjust frequency and channel 0.1 MHz at a time using the Left/Right navigation keys and number keys.
 - › **Auto scan:** If you turn "Auto Scan Now?" on, this automatically sets the radio channel. When "Save this Station?" message pops up and you select Yes, the selected frequency will be stored.
 - › **Reset channels:** You can delete all channels you saved.
 - › **Listen via speaker:** Select this to listen to the radio through the built-in speaker. To turn off the speaker, select "Listen via wired headset" in the [Options].

Quick feature reference

This section provides brief explanations of features on your phone.

Contacts Menu 1	
Search	You can Search for contacts in Phonebook. <i>Note: Instant searching is available by inputting the initial letter of the name you want to search.</i>
New contact	You can add phonebook entries by using this menu.
Speed dials	Assign contacts to any of keys between [2+] and [9+].
Copy all	You can copy all entries from SIM card memory to Phone memory and also from Phone memory to SIM card memory.
Delete all	You can delete all entries from SIM card memory or Phone memory.
Memory status	You can check free space and memory usage.
Information	<ul style="list-style-type: none"> › Service dial numbers: Access the list of service numbers assigned by service provider safely. › Own numbers: You can save and check your own numbers in SIM card. › Business card: This option allows you to create your own business card featuring your name, mobile phone number and so on.

Messaging Menu 2

This menu includes functions related to SMS (Short Message Services).

New message	This menu allows you to type a new message upto 459 characters.
Inbox	You will be alerted when you have received a message.
Drafts	This menu shows the saved message.
Outbox	This menu allows to view the message which is about to be sent or has failed to be sent.
Sent	This menu allows you to view the messages which have already been sent, including time and content.
Listen voice mail	This menu provides you with a quick way of accessing your voice mailbox (if provided by your network).
Info message	Info service messages are text messages delivered by the network to your handset.
Templates	There are pre-defined messages in the list. You can view and edit the template messages or create new messages.
Settings	This menu allows you to set features of your network service provider.

Guidelines for safe and efficient use

Please read these simple guidelines. Ignoring them may be dangerous or illegal. Further detailed information is given in this manual.

Warning

- › For your safety, use ONLY specified ORIGINAL batteries and chargers.
- › Switch off the phone in any area where required by special regulations, e.g. in a hospital where it may affect medical equipment.
- › Batteries should be disposed off in accordance with relevant legislation.

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.
- › The unit should be kept away from heat sources such as radiators or cookers.
- › Use a dry cloth to clean the exterior of the unit. (Do not use any solvents.)
- › Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.

Guidelines for safe and efficient use (Continued)

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information

This mobile phone model 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 ensure 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 methods 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) 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 0.600 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) is 1.6 W/kg averaged over one (1) gram of tissue.

Call history Menu 3

You can check the record of missed, received, and dialled calls only if the network supports the Calling Line Identification (CLI) within the service area. The number and name (if available) are displayed together with the date and time at which the call was made. You can also view call durations.

All calls	Displays all the lists of three types (Received/Dialled/Missed calls) by time.
Missed calls	This option lets you view the last 20 unanswered calls.
Dialled calls	This option lets you view the last 20 outgoing calls (called or attempted).
Received calls	This option lets you view the last 20 incoming calls.
Call duration	Allows you to view the duration of your incoming and outgoing calls.

Tools Menu 4

Games	Has List of default games available in the phone.
FM Radio (GB105)	You can search radio stations and enjoy listening to the radio.
Calculator	This contains the standard functions such as +, -, x, ÷: Addition, Subtraction, Multiplication and Division.
Stopwatch	Stopwatch is available just as common stopwatches we see and use in daily life.
Unit Converter	This converts any measurement into a unit you want.
World clock	Allows you to determine the current time in another time zone or country.

Guidelines for safe and efficient use (Continued)

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 a pacemaker, i.e. in your breast pocket.

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.
- › Use a hands-free kit, if available.
- › Pull off the road and park before making or answering a call if driving conditions so require.

Blasting area

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

Troubleshooting

This chapter lists some problems that you might encounter while using your phone. Some problems require that you call your service provider, but most of problems you encounter are easy to correct yourself.

Message	Possible causes	Possible Corrective measures
SIM error	There is no SIM card in the phone or you may have inserted it incorrectly.	Make sure that the SIM card is correctly inserted.
No connection to the network	Signal weak Outside GSM network	Move higher to a window or open space. Check service provider coverage map.
Codes do not match	When you want to change a security code you have to confirm the new code by entering it again. The two codes that you have entered do not match.	Contact your Service Provider.
Function cannot be set	Not supported by Service Provider or registration required	Contact your Service Provider.
Calls not available	Dialling error New SIM card inserted Charge limit reached	New network not authorised. Check for new restrictions. Contact Service Provider or reset limit with PIN 2.
Phone cannot be switched on	On/Off key pressed too briefly Battery empty Battery contacts dirty	Press On/Off key for at least two seconds. Charge battery. Check charging indicator in the display. Clean contacts.

Settings Menu 5

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

Profiles	You can adjust and customize the phone tones.
Date & Time	You can set functions relating to the date and time.
Language	You can change the language for the display texts in your phone. This change will also affect the Language Input mode.
Display	You can change settings for the phone display.
Call	You can set the menu relevant to a call.
Auto keylock	When this feature is enabled, the phone keypad is locked.
Security	This menu allows you to set the phone safely.

- › **PIN code request:** You can set the phone to ask for the PIN code of your SIM card when the phone is switched on.
- › **Phone lock:** You can use a security code to avoid unauthorized use of the phone.
- › **Call barring:** The Call barring service prevents your phone from making or receiving a certain category of calls. This function requires the call barring password.
- › **Fixed dial number (SIM dependent):** You can restrict your outgoing calls to selected phone numbers. The numbers are protected by your PIN2 code. The numbers you wish to allow access to once this service has been enabled, must be added to the contacts after enabling Fixed dial number.

Guidelines for safe and efficient use (Continued)

Potentially explosive atmospheres

Do not use the phone at a refueling point. Do not use near fuel or chemicals.

In aircraft

Wireless devices can cause interference in aircraft.

- › Turn off your mobile phone before boarding any aircraft.

Children

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

Emergency calls

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

Message	Possible causes	Possible Corrective measures
Charging error	Battery totally empty Temperature out of range	Charge battery. Make sure the ambient temperature is right, wait for a while, and then charge again.
	Contact problem	Check power supply and connection to the phone. Check the battery contacts, clean them if necessary.
	No mains voltage	Plug in to a different socket or check voltage.
Phone loses network	Charger defective Wrong charger Battery defective	If the charger does not warm up, replace it. Only use original LG accessories. Replace battery.
	Signal too weak	Reconnection to another service provider is automatic.
Number not permitted	The Fixed dial number function is on.	Check settings.

Settings Menu 5 (Continued)

Security (Continued)	› Anti-theft Mobile Tracker: The ATMT feature of this phone provides you with the ability to have a tracking system in place for your mobile in case you lose or misplace it. › Change codes: PIN is an abbreviation of Personal Identification Number to prevent use by unauthorized persons. You can change the access codes: Security code, PIN code, PIN2 code, ATMT code.
Power save	If you set this to On, you can save the power when you are not using the phone.
Network selection	You can select a network that will be registered either automatically or manually. Usually, the network selection is set to Automatic.
Reset settings	You can initialize all setting values as defaults. You need a Security code to activate this function.
Memory status	You can check free space and memory usage of each repository.

Organizer Menu 6

Alarm	Allows you to set one of three alarms. The current time is displayed at the top of the screen when you select an alarm to set. At the alarm time, the Alarm icon will be displayed on the LCD screen and the alarm will sound.
Calendar	You can check track of daily or monthly schedules.
Memo	You can create a list of tasks.

Guidelines for safe and efficient use (Continued)

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.
- › Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times before it needs to be replaced.
- › Do not expose the battery charger to direct sunlight or use it in high humidity, such as the bathroom.
- › Risk of explosion if battery is replaced by an incorrect type.
- › Dispose off used batteries according to the manufacturer's instructions.

Technical Data

General

- › **Product name :** GB100/GB105
- › **System :** GSM 900 / DCS 1800

Ambient Temperatures

- › **Max. :** +55°C, Charging (+45°C)
- › **Min :** -10°C

Battery Specification

- › **Type :** 950 mAh, Li-Ion
- › **Talk Time* :** Upto 6.5 hrs (PLC: 10)
- › **Standby Time* :** Upto 440 hrs (PP: 5)

Note!

- › Variation in operation time may occur depending on SIM card, network condition, usage style, usage setting and environment.

Declaration of Conformity		LG Electronics
Supplier Details		
Name	LG Electronics Inc	
Address	LG Tech Tower 20,Yeouido-dong, Yeongdeungpo-gu Seoul, Korea 150-721	
Product Details		
Product Name	GSM 900 / DCS 1800	
Model Name	GB100/GB105	
Trade Name	LG	
Applicable Standards Details		
RATTE Directive 1999/5/EC		
EN 301 488-01 v1.2.1 / EN 301 488-07 v1.2.1		
EN 60950-1 :2001		
EN 60950-1 A21 : 2001		
EN 301 811 V8.0.2		
Supplementary Information		
The conformity to above standards is verified by BASF.		
Declaration		
I hereby declare under our sole responsibility that the product mentioned above to which this declaration relates complies with the above mentioned standards and Directives		
Name	_____	
Issued Date	_____	
Signature of representative		