LG

GR501 User Guide   ENGLISH

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS:

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

1. The limited warranty for the product extends for ONE (1) year beginning on the date of purchase of the product by the original end user.

2. The limited warranty extends only to the original end user of the product and is not assignable or transferable to any subsequent purchaser/end user.

3. This warranty is good only to the original end user of the product during the warranty period as long as it is in Canada.

4. Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.

5. During the applicable warranty period, LG will repair or replace at LG's sole option, without charge to the original end user, any defective component part of the phone or accessory.

6. LG may use rebuilt, reconditioned or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned or new product.

2. WHAT THIS WARRANTY DOES NOT COVER:

1. Defects or damages resulting from use of the product in other than its normal and customary manner.

2. Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation or other acts which are not the fault of LG, including damage caused by spills of food or liquids.

3. Breakage or damage to antennas unless caused directly by defects in material or workmanship.

4. The fact that the Customer Service Department at LG was not notified by the original end user of the alleged defect or malfunction of the product, during the warranty period.

5. Products which have had their serial numbers removed or made illegible.

6. Damage resulting from use of non-LG approved accessories.

7. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

8. Products serviced by non-authorized persons or companies.

Notes:

1. This limited warranty supersedes all other warranties, expressed or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose.

2. Shipping damage is the sole responsibility of the shipping company.

3. EXCLUSION OF LIABILITY:

No other express warranty is applicable to this product.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG ELECTRONICS CANADA, INC. SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT.

4. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call the following telephone number from anywhere in Canada:

LG Electronics Canada, Inc.

Tel. 1-888-542-2623

www.lg.ca (see links to "Wireless Phone Service")

LG Electronics Canada Inc.
Mississauga, Ontario

LG

Some of the information in this manual may not apply to your phone, depending on your phone's software or your service provider.

GR501 User Guide

Contents

Your Phone

Phone Components

Charger/USB Port

microSD™ memory card slot

Lock/ Unlock key

Earpiece
Lets you hear the caller and automated prompts.

Main LCD screen

Multitasking key

SEND key
Press this key in standby mode to quickly access your most recently missed, dialed, and received calls.

END/Power
Ends or rejects a call. Turns the phone on/off. Press once to return to the standby screen.

Camera key
Press to start the Camera function. Press and hold to start the Video record function.

Side volume keys
• When on the Standby screen: Allows you to set the Ringtone and Touch-tone volume. Hold the Down key to toggle the Vibration Mode On and Off.
• During a call: Allows you to change the Earpiece volume.
• When playing music: Allows you to change the music volume.

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Slide Open View

Text Msg

Email

IM

Contact list

Caps
Press to change between
Uppercase and Lowercase.

Fn
Press to type the symbols
and numbers that appear on
the qwerty keypad.

Del
Deletes digits
and letters.

Press to enter
"@".

Press to enter
".com".

Press to
move to the
next row.

Right

Up

Down

Left

Space
Press to enter a space between words.

Sym
Press to open the Symbol menu.

Your Phone

Rear View

Battery cover

Flash

Battery

External camera lens

SIM card slot

microSD™ memory card slot

Getting Started

Installing the SIM Card and Battery

1 Remove the battery cover

Press the battery cover release latch. The battery cover should lift off easily.

2 Remove the battery

Lift the bottom edge of the battery, and then carefully remove it from the battery compartment.
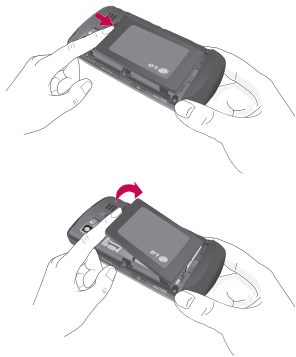
⚠ **WARNING:** Do not remove the battery when the phone is on; this may damage the phone.

Getting Started

3 Install the SIM card

Slide the SIM card into the SIM cardholder. Make sure that the gold contact area on the card is facing downward. To remove the SIM card, pull it gently in the opposite direction.
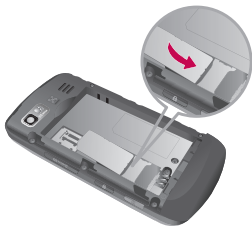
4 Install the battery

First, insert the top of the battery into the top edge of the battery compartment. Make sure that the battery contacts align with the terminals on the phone. Press the bottom of the battery down until it clicks into place.

5 Charging your phone

Lift the charger port cover on the top of your GR501. Insert the charger connector into the phone (the "B" side of the connector must face up when connecting to the phone), and then insert the plug into the wall socket. Your GR501 must be charged until a message that says "Battery full. Please unplug charger to save energy" appears on the screen.

Important! Insert the battery before charging.

⚠ **WARNING:** Use of unauthorized accessories could damage your phone and void your warranty.

Getting Started

Installing a Memory Card

You can expand the memory available on your phone using a microSD™ memory card. The GR501 supports microSD™ memory cards with up to 16 GB of memory.

> **TIP!** A memory card is an optional accessory.

1 Lift the memory card cover, and then insert a microSD™ card with the gold contact area facing downwards. Close the memory card cover so that it clicks shut.

Note: The phone will automatically organize existing content on your memory card in appropriate folders. For example, videos will be accessible from the Videos folder. If your memory card has protected content (e.g., songs or graphics with Digital Rights Management copywriting loaded from another device), it will not work. You must reformat the memory card before using it with this device.

Screen Icons

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

ICON	DESCRIPTION
🖐	Multitasking
📶	Network signal strength (number of bars will vary)
❚	No network signal
▭	Battery empty
⊠	New text message
📧	New email
🕐	An alarm is set
♪	Normal profile in use
✗	Silent profile in use
📶	3G available
🅱	Bluetooth® is active
🌐	The browser is active
📳	Vibration mode
📢	Speakerphone
📞	Call in Progress
📼	Voicemail
🔋	Battery Full
🔌	Battery Charging
✈	Flight Mode

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Touch Calibration

Adjust your touch screen for ease of use. Touch `Start►` and press the "+" markers to calibrate the screen.
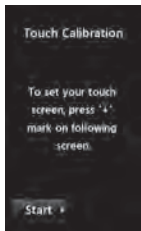
- Once you've finished calibrating your screen, Save the settings.

Note: To reset the touch calibration, touch ⊞ , and then touch the ☼ tab. Touch 🖼 , and then choose **Touch Calibration**.

Start Up Guide

After you insert your SIM card and the battery and turn on the GR501, the Start Up Guide will appear on the screen.

Touch Start **Start ▶** to begin the Start Up Guide. Touch **Start Animation** to play the animated Guide for the topic displayed. Or, touch **Next →** to move to the next topic and Guide. Available Guides include:

- How to Unlock Your Phone
- How to Open Menu and Select Item
- How to Scroll
- How to Navigate Between Items
- How to Rotate Screen Orientation
- How to Open the Keypad and Enter Text
- How to Change the Home Screen
- How to Add Shortcuts On Home Screen
- How to Add Contacts On Home Screen

General Features

Making a Call

1 Make sure your phone is on.

2 Touch 🔲 , and then enter a phone number using the touch pad. Or slide open the qwerty keypad, and enter a phone number using the qwerty keys. To edit a number on the display screen, simply press the ⬅ key briefly to delete one digit at a time.

– Press and hold the ⬅ key to delete the whole number.

3 Press the 📞[SEND] key to call the number. Or touch Call on the touch pad.

Making a Call with the Send Key

1 Press the 📞[SEND] key, and the most recently missed, dialed, and received phone numbers will display.

2 Select the number you want.

3 Press the 📞[SEND] key, or touch Call Back.

Making International Calls

1 When making an international call, first press the ⊻⁺ key to enter the international access character "+". If you are using the touch pad to dial, touch and hold 0 +.

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

3 Press the 📞[SEND] key to call the number. Or touch Call on the touch pad.

Ending a Call

When you have finished a call, press the 📞[END] key.

Making a Call from Contacts

You can store frequently called names and phone numbers in the SIM card as well as in Contacts in the phone's memory.

Dial a number by simply selecting a name in Contacts and pressing the 📞[SEND] key.

Making a Video Call

You can make a video call in an area with 3G coverage if the person you are calling also has a 3G video phone and is an area with 3G coverage. You can also receive video calls.

To make a video call, do the following:

1 Enter the phone number, as usual.

2 To start the video function, touch 📧, and then choose **Make Video Call**.

A message will appear telling you to close other applications to make the video call.

3 Adjust the camera position, if necessary.

4 If you do not want to use the speakerphone, make sure you have the headset plugged in.

General Features

5 Press 📞 to end the call, or close the handset.

Note: The video call may take some time to connect. Please be patient. While the video call is connecting, you will see your own image; when the other party answers, his or her image will appear on the screen.

Changing your video call settings

1 Press 🔲, select Settings, and then choose **Call**.

2 Select **Video call**.

3 Choose your video call settings. Decide whether to Use Substitute Image, and then select one. Turn on the Mirror (so you can see yourself on the screen).

Making a video call from Contacts

It's easy to call anyone whose number you have stored in Contacts.

Press the down navigation key to access Contacts. Scroll to the contact you want. Press the right Options soft key, and then select **Make Video call**. Press the 📞 key to end the call.

Adjusting the Volume

If you want to adjust the earpiece volume during a call, use the side volume keys.

In Idle mode, you can adjust the ring volume using the side volume keys.

Answering a Call

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

1 Press the [SEND] key. Or unlock the screen, and touch Accept.

If Any Key has been set as the Answer Mode, any key press will answer a call except for the [END] key, , , and .

2 End the call by pressing the [END] key.

Note: You can answer a call while using the Address Book or other menu features.

Q: Can I use Video Telephony with a Rogers client?

A: No, all users must be Bell Mobility subscribers within Canada.

Adjusting the Volume

If you want to adjust the earpiece volume during a call, use the side volume keys.

When on the Standby screen, you can adjust the ring volume using the side volume keys.

General Features

Setting Profiles

Press either of the side volume keys. Set your Ringtone to Vibrate All, Alarm Only, or Silent All.

You can also adjust the touch-tone volume and vibration intensity on the Touch-tone tab.

Vibration Mode (Quick)

Activate Vibration Mode by touching and holding ▪▪ on the dial pad. You can also adjust Vibration Mode by pressing and holding the side volume keys.

The phone will display "Vibrating Mode On". If you want to turn Vibration Mode Off, touch and hold ▪▪ again.
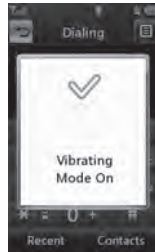
Signal Strength

If you are inside a building, you may get better reception close to a window. The signal indicator on your phone's display screen shows you the strength of the signal.

General Features

Entering Text

Use the phone's touch pad to enter alphanumeric characters. For example, saving names in the Address Book, writing a message, and scheduling events in the calendar all require you to enter text.

You phone supports the following text input modes.

Using Symbol Mode

Symbol Mode allows you to enter various symbols or special characters. To enter a symbol, touch 🔲. Then select the desired symbol.

ABC Mode

In this mode, enter one of the letters labeling a key by touching the key one, two, three, or four times until the letter appears on the screen.

123 Mode (Numbers Mode)

Type numbers using one keystroke per number. To change to 123 mode in a text entry field, touch 🔲.

Changing the Text Input Mode

Change the text input mode by touching the Text Input Mode toggle button 🔲 on the touch screen.

Using T9 Mode

T9 predictive text input mode allows you to enter words easily using a minimum number of keystrokes. As you touch each key, the phone starts displaying the characters it predicts you are typing, based on a built-in dictionary. As new letters are added, the word changes to reflect the most likely word candidate in the dictionary.

1 When you are in T9 predictive text input mode, begin entering a word by pressing the touch-screen keys [abc] to [wxyz]. Press once for each letter.

   • The word changes as letters are typed—ignore what displays on the screen until the complete word appears.

   • If the word is still incorrect after completely typing it, press [▼] in the pop-up menu to view the options. Then select the word you want by touching it.

   • If the word is not in the list, add it by pressing [▼] and then selecting [Write Word ▶] to enter the new word. Then press [Save] to save the word in the built-in dictionary.

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

3 Complete each word with a space by touching [—].

General Features

To delete letters, touch ⌫. Touch and hold down ⌫ to delete the entire text entry.

Note: Pressing the [END] key will save your unsaved message in the Drafts folder.

Using ABC Mode

Use the touch pad keys to enter your text.

1 Touch the touch key labeled with the letter you want:
   • Once for the first letter
   • Twice for the second letter
   • And so on
2 To insert a space, touch ⎵. To delete letters, touch ⌫. Touch and hold down ⌫ to delete the entire text entry.

Note: See the table below for more information on the characters available using the keys.

Touch 🔼 to enter an Uppercase letter. To change text entry mode from Lowercase to Uppercase, touch 🔼 twice, and the key will turn orange 🔼; this tells you that Caps Lock has been activated.

Key	Characters in the Order Display	
	Uppercase	Lowercase
1	. , ' @ ? ! - : / 1	. , ' @ ? ! - : / 1
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	Space Key, 0 (Long press)	Space Key, 0 (Long press)

Using 123 (Numbers) Mode

When in 123 Mode, you can enter numbers in a text message (e.g., a telephone number) more quickly. Touch the keys corresponding to the digits you want before manually switching back to the appropriate text entry mode.

T9 Dictionary

The T9 Dictionary allows you to add special or personal words to the T9 standard language database. Access the T9 Dictionary in the Text Entry Settings under Options 冒. In the T9 Dictionary, you can add, modify, delete, or reset personal words.

Note: Select a different T9 language from the same Options menu. The phone's default setting is the T9-disabled mode.

Qwerty Keypad

Text input mode using the Qwerty Keypad

When you must enter text (e.g., when writing a message), the keypad will default to ABC mode. If you are entering a number (e.g., when making a call), the keypad number keys will default to numbers. In ABC mode, enter numbers by first pressing [Fn] and then pressing the number you want.

Note: Some fields may allow only one text input mode (e.g., telephone numbers in Address Book fields).

General Features

To enter a symbol in the text entry field, press the [Sym] key, and then select a symbol on the touch screen. Or, to enter a symbol using the qwerty keys, just press [Fn], and then press the corresponding key. To return to ABC mode, press [Fn] again.

Complete each word with a space by pressing [⎵]. To delete a character, press the [⌫] key.

When entering an accented letter

When you select French or Spanish as the text entry language, you can enter special French or Spanish characters (e.g.: é).

To enter special characters using the Qwerty Keypad, press and hold the corresponding letter key.

After the corresponding letter disappears, press the same key repetitively until you see the special character you want to enter.

For example

To enter "ä", press and hold the "a" key.

After the "a" character disappears, press the "a" key repetitively until "ä" appears on the screen. You can enter special characters by pressing the key continuously.
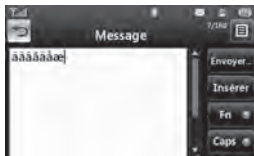
Note: When you use the Touch Keypad, you can only enter a limited number of special characters. For example, you can only enter "à" and "â" when you press the "a" key repetitively on the Touch Keypad.

Using Korean Mode

Allows you to type Korean characters when you set the language to Korean.

When you use the Touch Keypad

Allows you to easily enter the letters. To enter ㅎ, touch ![icon] and then ![icon]. To enter ㄲ, touch ![icon] and then ![icon].

When using the Qwerty Keypad

Open the slide and touch ![icon]. Choose Text Entry Settings and Show Key Guide. The Korean key guide appears on the display screen. To enter numbers, touch ![Fn] .

Touch ![Caps] once, and the Korean key guide appears as shown below. To return to normal input mode, touch ![Caps] again.

Contacts

On the standby screen, touch ![icon], and then touch ![icon] . The following Address Book submenus will appear.

Contact List

This menu allows you to save and manage contact address information. With Contact List, you can add new addresses or search for existing contacts by name. To search for a contact, touch ![icon], and then enter the person's name. When on the standby screen, you can directly search for a contact by touching ![icon] and then touching ![icon].

- ![icon]: Search for a contact.
- ![icon]: Shows your contacts by first letter/character.
- ![icon]: Shows the contacts you put in your Favorites list.

New Contact

Use this menu to add a new contact address. Enter contact information such as name, phone number, email address, group information, image, ringtone, and memo.
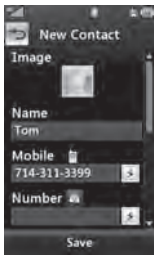
1 On the standby screen, Touch 🔲, and then touch New Contact .

2 Touch 🔲 to set a Picture ID for a contact using a saved picture from Pictures or by taking a new picture of the person. Choose **No picture**, **Pictures**, or **Take New Picture**. After you take a new picture of the person, touch 🔳 to set it as the Contact Picture ID. To delete the picture, touch 🔲, select **Yes**, and then take a new picture.

Contacts

- Enter the first name, last name, or both.
- Enter up to five different numbers. Touch ⚡ to set the number as a Speed Dial.
- Enter an email address.
- Select a Group for the contact.
- Set a ringtone for the contact, or leave the default ringtone.
- Add a Memo, if you like.
- Choose whether to save the contact to Phone or SIM Card memory.

3 Touch [Save] to save the contact.

Caller Groups

This menu allows you to manage group information. By default, there are four groups: Colleague, Family, Friends, and School. Or you can put a contact in No Group. You can also configure a ringtone for a group so that the group ringtone sounds when you receive a call from a specific contact in that group when that contact has no personal ringtone.

Speed Dial

You can assign a frequently called contact to a speed dial list. Select a number from 2 to 9 as a speed dial. You can configure any of the eight speed dial numbers for a specific contact.

- Your Voicemail is already set to speed dial 1. This is a default setting that cannot be changed. Touch the speed dial number you want to assign a contact to, and then touch ▭ Set ▭.

- This will open your address book. Touch the contact you want to assign to that number twice.

- To call an assigned speed dial number, touch ▭ on the Standby Screen. Then touch and hold the assigned number; the call will automatically be placed to the assigned number.

Management

This menu allows you to copy information from your SIM card (e.g., name and handset number) to your handset. If a name is duplicated during the copying operation, the information is also duplicated.

You can also copy entries from the SIM card to the phone memory and entries from the phone memory to the SIM card (not all the data will be copied).

This menu also allows you to delete entries from the SIM card and Handset.

Contacts

Service Number

You can view a list of Service Dial Number (SDN) assigned by your network provider. These numbers could include Directory Assistance; Customer Service and Taxi, and voicemail numbers.

You may see the names of the available services. Select a service number, and then press the ➘ [SEND] key.

Please check with your network service provider for more information about service numbers.

My Numbers

This displays your personal phone numbers, stored in your phone and SIM card. You can send this information using Text Message, Multimedia Message, or Bluetooth.

In-Call Menu

Your phone provides a number of control functions that you can use during a call. To access these functions during a call, touch [🔒 Touch to unlock] to unlock the screen, and then touch 🗐.

During a Call

The menu displayed on the handset screen during a call is different from the default menu displayed when on the Standby screen. The options are described below.

Making a Second Call

To make a second call, just select the number you want to dial.

1. Unlock the Screen. During a call, an In-Call menu will be available.
2. Press [Dialpad], enter the second phone number, and then press [Call].

   or

   Press [contacts] to select a contact from your Address Book, and then press the Call button ◉. When the second call connects, the first call is automatically placed on hold.

Switching Between Two Calls

Using one of the two methods below, you can switch between two ongoing calls.

1. Press the 📞 [SEND] key.
2. Touch 🗐, and then select "Swap Calls".

In-Call Menu

Answering an Incoming Call

To answer an incoming call when your handset is ringing, simply press the ![SEND] key, or touch Accept . Your handset also alerts you to an incoming call while you are already on a call. A tone will sound 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 provider supports it.

If Call Waiting is turned on, you can put the first call on hold and answer the second call by pressing the ![SEND] key.

Rejecting an Incoming Call

You can reject an incoming call without answering by simply pressing the ![END] key or touching Reject .

Muting the Microphone

Mute the microphone during a call by touching .
Unmute the handset by touching again. When the handset is on mute, the caller cannot hear you, but you can still hear the caller.

Using the Speakerphone

Use the integrated Speakerphone during a call by touching .
The loudspeaker is automatically deactivated when you end the call.

⚠ WARNING: Because of increased volume levels, do not place the phone near your ear while the speakerphone is enabled.

Conference Calls

The conference call service allows you to have a conversation with more than one party at a time. This feature is only available if your network service provider supports it.

Once a conference call is set up, you can add, disconnect, or separate calls (that is, remove a call from the conference call but maintain the private connection), if you are the person who established the conference call. These options are all available in the In-Call menu.

The maximum number of callers in a conference call is five. Once you have set up a conference call, you are in control of the call. Only you can add calls to the conference call.

Setting Up a Conference Call

To set up a conference call, place the first call. Once that call is connected, follow the above steps to make a second call. You can then join the two separate calls by touching ▤ and selecting Join Calls from the Conference Call menu.

Activate the Conference Call on Hold

To activate a conference call on hold, press the ☎ key.

In-Call Menu

Adding Calls to the Conference Call

To add a call to an existing conference call, touch 目, and then choose Conference Call. Then select Exclude Call and View Members from the Conference Call option.

Private Call in a Conference Call

To talk privately with one caller in a conference call, touch 目, and then select Private Call from the Conference Call option. When the numbers of the parties appear, select the one you want to talk to in private. Only the person who initiates the Conference Call can initiate a Private Call.

Ending a Conference Call

You can disconnect the currently active conference call by pressing the 📞 key.

Your Standby Screen

From here, you can access all then menu options, make a quick call, and view the status of your phone, as well as many other actions.

Touch Screen Tips

The standby screen is a great place to get accustomed to the touch screen.

To select an item, touch the icon accurately. You can set your GR501 to vibrate slightly when it recognizes you've touched an option.

To scroll through lists, touch the last visible item, and then slide your finger up the screen. The list will move up so more items become visible.

• There's no need to press hard; the touch screen is sensitive enough to detect a light yet sure touch.

• Use the tip of your finger to touch the option you want. Be careful not to touch any other keys.

• When the screen light is off, press the 🔒 key on the right side twice to restore the standby screen.

• Don't cover the phone with a case or cover. The touch screen will not work if any material is covering it.
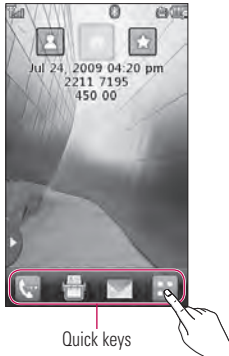
Quick keys

Your Standby Screen

The Quick Keys

The quick keys on your standby screen provide easy, one-touch access to your most used functions.

Touch to make a call using the touch Dialing Keypad. Enter the number as you would with a normal keypad, and then touch Call , or press the 📞 hard key.

Touch to open Contacts and search for the number you want to call. You can also create new contacts and edit existing ones.

Touch to access the Messages options menu. From here, you can create a new outgoing Message.

Touch to open the full Top menu, which is divided into four submenus. Touch the vertical tabs to view additional options.

Home Screen 🏠

Allows you to use Widgets and even add them to your Home screen.

- Click ▶ to open the Home Screen.
- Drag a Widget from the roll-out Menu onto the Home screen. This allows you to use Widgets.
- You can play songs, add memos, check your calendar, play slide shows, set alarms, or add events directly from the standby screen using Home Screen.
- Click ▶ again to close the Home Screen.

Widget
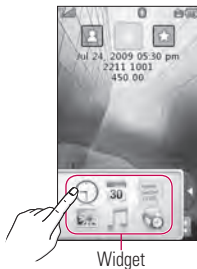
Visual Contacts 👤

Allows you to easily contact your friends and family by displaying your favorite contacts on the standby screen.

Your Standby Screen

- First, touch 📱 on the standby screen. Touch and hold down 🔲.

- Select ➕ to choose a contact. You can choose up to six contacts for each page.
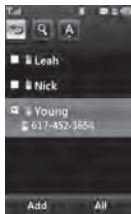
- If you want to delete a contact from the screen, touch ❌.

- Touch ▦ to align the contacts on the screen.

Note: Touch ![icon], and the contact will have a slight shadow around it. If you slightly shake or move the phone, the contacts will float on the screen. Touch ![icon] again and the contacts will be fixed and not change with the phone's status.

• Touch ![OK] to finish editing the Contacts on the screen. To access your Contacts, simply touch their corresponding icons. Touch ![icon] to call, ![icon] to send a message, and ![icon] to check messages received from that person.

• If you want to edit a contact, touch and hold the contact or the margin of the screen. It will change to the Edit screen.

Your Standby Screen

Shortcuts ⭐

Add your favorite menu to the standby screen.

• Touch and hold any of the items, and then the Edit Screen will appear.

• Touch ➕ to add another application, touch ⊗ to delete the application from Shortcuts, and touch OK to finish.

Annunciator

With the GR501 Annunciator, you can quickly connect to the Music Player, Bluetooth service, and more.

Touch the top of the standby screen.

• You can use Music Player to edit a playlist or turn on Bluetooth.

- Set your profile by touching
  🔔. You can set your profile to
  Normal, Ring and Vibration, Ring
  after Vibration, or Silent and
  Vibration.

- To send a Text message, touch
  ✉. To send a Email, touch 📧.
  To check your Voicemail, touch
  📨.
- To use IM, choose from 💬.
  If you want to set an Alarm,
  touch ⏰. To view the Calendar
  and add new events, touch 📅.

Menu Tree

Touch 🔡 on the standby screen to open a **Top menu**. From here, you can access the following menus: **Phone**, **Multimedia**, **My Stuff**, and **Settings**

📞 Phone
- 📱 Dialing
- 📖 Address Book
- 📇 Recent Calls
- ✉️ Messaging

🎬 Multimedia
- 🌐 Web
- 🎵 Music
- 📋 Applications
- 🎮 Games
- 📷 Camera
- 🌐 Web pages
- 📺 Media Player

🗂 My Stuff
- 🔊 Audio
- 🖼 Pictures
- 🎥 Video
- 📁 Tools
- 📅 Calendar
- ⏰ Alarm Clock
- 🖩 Calculator
- 📁 More

⚙️ Settings
- 📞 Call
- 🕐 Date & Time
- 🔊 Sound
- 🖥 Display
- 🖐 Touch
- 📱 Phone
- 🟦 Bluetooth
- ⚙️ More

Messaging

This menu includes functions related to SMS (Short Message Service), MMS (Multimedia Message Service), voicemail, and your network's service messages.

Create Message

1 On the standby screen, select □.

2 Touch **Create Message**.

Note: If you attach a graphic or an audio file while writing a multimedia message, file loading can take up to 5 seconds. You will not be able to activate any key during file loading. When file loading is complete, you can write your multimedia message.

Editing a message

The following options are available when Editing a Message.

• **Symbol:** You can insert symbols ranging from sentence notes to emoticons. Touch 123 twice to select the symbols you want. You can use ▲ and ▼ to scroll through the various pages of symbols.

Messaging

Inserting Multimedia files in outgoing messages is easy. Press the Insert button, and then select one of the options below:

• **Picture:** Preview the selected picture. Then touch ▢▢▢▢ to insert the selected picture.

• **Audio:** Insert audio from your saved Audio files.

• **Video:** Insert videos from your saved Video clips.

• **New Picture:** Insert a new image taken from the camera by touching ▢[Capture].

Note: Refer to page 65 for camera options.

• **New Audio:** Record a new audio clip by touching ▢▢ .

 - ▢ **Record Mode:** MMS mode record time is about nine minutes; the General mode provides longer recording time.

 - ▢ **Quality:** Set the audio quality to Fine, Normal, or Economy.

 - ▢ **Select Storage Defaults:** Set the default storage to Phone Memory or Memory Card.

• **New Video:** Record a new video. The options are similar to those for inserting a New Picture.

- **Template**
  - **Text:** You can easily insert frequently used sentences into your text message.
  - **Multimedia:** Preset multimedia templates are available.
  - **Signature:** Enter a signature you create yourself. For further details, see page 51.
- **More:** Allows you to insert Subject, vCard, vCalendar, vNote, vTask, or Contact.

Note: vCard, vCalendar, vNote, vTask, and Contact are created by the Address Book, Calendar, Notepad, and Tasks functions. See the corresponding sections for detailed information.

Using Options

Touch 🗐 to use the options below.

- **Text Entry Settings**
  - **Text Entry Language:** Allows you to set the text entry language to English, French (Français), Spanish (Español), Korean, Traditional Chinese and Simplified Chinese.
  - **Show/Hide Word Candidate List:** When in T9 Entry Mode, you can see word candidates as you type.
  - **Next Word Prediction On/Off**
  - **T9 Dictionary:** Here, you can add, delete, reset, or modify words in the T9 Dictionary.

Messaging

- **Delivery Options**
  - **Delivery Receipt:** If this is set to On in this menu, you can check whether your message was sent successfully.
  - **Reply via Same Message Center:** Set this to **On** or **Off**.
- **Save to Drafts:** Saves the selected message to Drafts.
- **Writing Font Size:** Set the Writing Font Size to **Small**, **Medium**, or **Large**.
- **Cancel Message:** Allows you to exit the Message without saving what you have already written.

Sending a Message

After completing a message using **Insert/Options**, select **Send To** to send a message.

- Enter the recipient(s). From 目, choose one of the options below.
  - **Enter Number:** Enter the recipient(s) number using the Touch or Qwerty keypad.
  - **Enter Email:** You can enter an Email address instead of a phone number.
  - **Caller Groups:** Displays Contact Groups.
  - **Recent Messages:** Choose a contact from recent messages.
  - **Recent Calls:** Choose a contact from recent calls.

- **Delivery Options: Priority**, **Delivery Receipt**, **Reply via Same Message Center**, **Add Cc**, and **Add Bcc**.
- **Edit Message:** Return to message editing mode.
- **Save to Drafts:** Saves the selected message to Drafts.
- **Text Entry Settings:** This menu allows you to set the **Text Entry Language**. It also gives you the following options: **Hide/Show Word Candidate List** and **Next Word Prediction On/Off**.
- **T9 Dictionary:** Access the T9 Dictionary to delete, add, or modify words.
- **Cancel Message:** Cancel your message.

Message folders

The folder structure on your GR501 was designed to be fast and easy to use.

• **Inbox:** All the messages you receive are placed into your Inbox.

• **Drafts:** If you don't have time to finish writing a message, you can save what you've done so far here.

• **Outbox:** This is a temporary storage folder where messages are stored while being sent.

Messaging

Note: If you see the message "No space for USIM messages," you should delete some messages from your Inbox. If you see the message "No space for messages," you can delete either messages or files to free up space.

Inbox

You will receive an alert when you receive a message. Alerts are stored in the Inbox. In the Inbox, you can identify each message by icons. To access the Inbox from the Standby screen, touch ▢, and then touch Inbox.

The following options are available when you select a message and touch ▤.

Conversation View

This mode allows you to view all messages from each contact, in conversational order.

Choose [Expand] to see messages in detail, or choose [Collapse] for the simple view.

Standard View

The following options are available in standard view:

• **Make Video Call:** Make a video call to the sender.

• **Add to Address Book:** Save the sender's phone number in the Contact List.

• **Select Slide:** If the multimedia message has more than one slide, you can select and move to the slide you want.

- **Extract Data:** Make a voice call, or send a message. You can save the number as follows: As New or Updating Existing contact.
- **Copy to SIM or Move to SIM:** Copy/move a message to the Phone.
- **Message Details:** View information about received messages: message Type, Subject, Sender's address, and message Time.

The following Options are available in the Inbox folder.

- **Delete:** Select a message to delete.
- **Standard/Conversation View:** Select between the two viewing modes.
- **Sort By:** Sort all messages by Name, Title, Date, and Read/ Unread.
- **Delete All Read Messages:** Delete all read messages.

Messaging

IM

The Instant Messaging feature can only be used with the support of the network operator or communities such as Windows Live™ and Yahoo!® Messenger. For Instant Messaging users, a valid User ID and Password is required to log in and exchange messages as well as check online status.

To access the IM feature

1 Touch 🔡, and then touch ✉. Choose **Email**.

2 You can see available IM clients. The menu items below might not appear since not all IM communities support the various options. In addition, the menu strings may appear differently. This depends on the selected IM community. Keywords, such as User ID, Login, and Contact, will be used as general terms in IM menus according to the currently selected community, such as Windows Live™ and Yahoo!® Messenger.

Offline Menu

Sign In

This allows users to log in by filling in the User ID and Password.

Note: Once the User ID and Password are saved, you will not be required to type them in again during the Log-in process. This feature is optional.

Sign Out

It begins the log-out process.

Note:
• In the conversation window, you can use the Up/Down Qwerty keys to scroll through the conversation.
• The current information might not update in real time, so you can use the Refresh List/Refresh Contact option to get the most up-to-date status.

Email

Mobile Email allows you to access your GR501 Sympatico, Windows Live Hotmail, Yahoo! Mail, Gmail, and other accounts on your phone. Now, you can quickly and easily check your email while you are away from your computer.

To Set Up Email

• **Open Email:** On the standby screen, touch 🔳, and then touch 🔲. Choose **IM**.
• **Select an Email Provider:** Touch the email provider you want to use.
• **Read and Accept the Terms of Use**

Messaging

- **Log In**
  1. Highlight the ID entry field, and then touch and type in your existing email ID.
  2. Touch the Password field to highlight it, and then enter your password.

  Quick Tip: Your password is case sensitive. Press the ▣ button on the keypad to change to lowercase or uppercase.

  3. To save your password, scroll down to Save Password, and then press on the box to check the box.
  4. Select **Sign In**.

- **Opening an Email:** Scroll down and press on the subject line to highlight the message you want to open. Then press again to open the message. When the email is open, select **Options** to reply, forward, or delete.

- **Deleting an Email:** Scroll down to the email you want to delete, touch the subject line to highlight it, press **Options**, and then press Delete.

Facebook

Easy access to Facebook. Please check with your network service provider for more information about service numbers.

Drafts

View the messages saved as drafts. To see the Drafts folder, touch the ▣ Quick key on the Standby screen, and then touch **Drafts**.

Outbox

Outbox is a temporary storage place for messages waiting to be sent. When you press the ⌐ [SEND] key, you can make a call to the recipient number of the selected message.

If the message is not sent from the Outbox, you will receive a sound alert along with a Message Sending Failure notice on the screen. Another attempt will be made to send the failed message. After two unsuccessful attempts, the message will no longer be sent automatically. To send the failed message, you must touch Resend .

After the maximum number of Send attempts has been reached, the **Send** function has failed. If you were trying to send a text message, open the message and check that the Sending options are correct.

Outbox list will display messages in the following order: send failed, sending or waiting, sent. Touch 目 to use options available in Outbox list.

- **Delete:** Deletes the message you select.
- **Sort By:** Sorts by name, title, and date.
- **Delete All:** Delete all messages.

Messaging

These options are available when you select a message in Outbox.

- **Make Video Call:** Make a video call to the sender.
- **View Status:** Shows message status as failed, sent, or error.
- **Edit:** Allows you to edit the selected message.
- **Select slide:** If the multimedia message has more than one slide, you can select and move to the desired slide.
- **View Attachment:** View the message attachment.
- **Message Details**

Sent

This is where you can view the lists and contents of sent messages and also verify if transmission was successful.

The following [Options] are available.

- **Delete:** Deletes the selected message from the Sent list.
- **Sort by:** Sort the messages by name, date, and type.
- **Delete all:** Delete all sent messages.

Voicemail

This menu provides you with a quick way to access your voicemail (if provided by your network).

Note: Please check with your network service provider for details about their service in order to configure the handset accordingly.

Message Settings

To configure **Messaging settings**, touch the ▭ Quick key on the Standby screen, and then touch Message Settings.

Message Alert

Set the Sounds and Alert Type here.

Save to

Set where to save the message.

Signature

This feature allows you to create your own Text signature. You can use symbols, a Text Template, and contacts as part of the signature.

Text Message

• **Text Templates**

There are six predefined messages in the list. You can view and edit the template messages or create new ones. The following options are available when you touch ▤.

- **Add New:** Allows you to create a new template.
- **Delete:** Allows you to delete the selected template message.
- **Delete All:** Deletes all messages in the folder.

To edit an existing Template, touch it (to open), and then touch the text. The Edit Template screen will automatically open.

Messaging

- **Msg Center No.:** If you want to send a text message, you can use this menu to get the address of the SMS center.
- **Subject:** You can enter the SMS Subject when this option is [ON]. Switch between [OFF] and [ON] by dragging from left to right.
- **Delivery receipt:** Set this On or Off.
- **Reply via Same Message Center:** Set this On or Off.
- **Signature:** Set this On or Off.

Multimedia Msg

- **Template:** Multimedia templates are available and can be created here.
- **Priority:** Set the priority of the message.
- **Subject:** You can enter the MMS Subject when this option is [ON]. Switch between [OFF] and [ON] by dragging from left to right.
- **Validity Period:** This network service allows you to decide how long your multimedia messages will be stored in the message center.
- **Send Delivery Receipt:** Allows you to send a delivery confirmation mail for a Multimedia Message.

- **Send Read Receipt:** Allows you to send a message read confirmation mail for a Multimedia Message.
- **Download Options**
  - **Download Without Ask:** Allows Multimedia Messages to be downloaded automatically.
  - **Ask Always:** Download a multimedia message manually.
  - **Discard:** Used when the user rejects download of the Multimedia Message.
- **Message Center:** The details for the Multimedia gateway are preloaded into your handset and should not be changed.

Voicemail Number

This menu allows you to call the voicemail center number, if GR501 supports this feature. Please check with network provider for details about its service so you can configure your phone correctly.

Service Message

You can set the Service option to determine whether you receive service messages.
Ask Always, Discard, and Save Without Ask options are available.

Messaging

Info. Service

Info. Service messages are text messages delivered by the network to your handset. They provide general information, such as weather reports, traffic news, tax, pharmacies, and stock prices. When you receive an info. service message, you will see a pop-up message with the relevant information.

• **Receive:** Set the reception status.

• **Topics:** To create a new topic, select **Topics**, and then touch **New Topic** on the screen. If you want to edit the topic, touch the topic, and then edit it.

• **Languages:** This option lets you select the preferred languages. Info. service messages display in the selected languages.

Web

This menu shows you how to access the Internet using the WAP browser.

Note: Check the availability of WAP services, pricing, and tariffs with your network operator and/or the service provider of the service you want to use. Service providers will also give you instructions on how to use their services.
Please contact your service provider to open an Internet account.

To launch the browser in Standby mode, touch the Quick key 🔡, and then choose the 🎬 tab. Touch 🌐.

Once connected, the home page appears. The content depends on the service provider. To exit the browser at any time, press the 📞 key.

Browser Menus

You can surf the Internet using either the touch screen or the qwerty keypads.

Using the WAP Browser Menu

Using the Browser Toolbar

Back ── 🔙 🔜 🔄 ⭐ 🔍 ── Zoom
Forward ──   Bookmark
          Refresh/Stop

- **Back** 🔙 **:** Moves to the previous page.
- **Forward** 🔜 **:** Moves to the next page.
- **Refresh/Stop** 🔄 **:** Reloads the current page. When a page is loading, press to stop loading the current page.

Web

- **Bookmarks** ▣ **:** Takes you to your Bookmark menu. Holding down this key will add the current page to your Bookmarks.
- **Zoom** ◉ **:** Displays the Zoom bar to Zoom in or out while browsing.

Once you are connected to the Internet, the following menu options are available as buttons or through the Options menu ▤:

Note: If you are browsing the Internet in Landscape mode, you can access the Options Menu by tapping any part of the browser screen that does not contain a link.

- **Home:** Go to the home page.
- **Windows:** Create, manage, or view different browser windows. This allows you to access multiple web pages at the same time.
- **Enter URL:** Connects to the specific URL you enter.
- **Bookmarks:** This function allows you to store and edit frequently accessed sites.

  The following options are available in the ▤ menu.

  - **New Bookmark:** Manually add a new bookmark.
  - **Send URL:** Allows you to send bookmark information to other devices using SMS.

- **New Folder:** Allows you to add a new folder manually.
- **List View:** View the bookmarks list.

< Portrait View >

Note: You cannot delete or edit preinstalled bookmarks.

- **View Full Screen/View Normal Screen:** For full-screen view, hold your phone horizontally and open the slide. If you hold the phone vertically and then close the slide, you see normal screen view.
- **Search Text:** Search the current page for specific text.
- **Recent Pages:** View a list of recently visited pages.
- **Send URL:** Allows you to send bookmark information to other devices using SMS.
- **Settings:** Set options such as Full Screen View, Cache, Cookie, and other Browser Settings.
- **Help:** Help on the browser menu and options
- **Exit:** Exit browser

Games

Access Games on your GR501, or download new ones by browsing the catalog of games available for purchase.

To launch Games while on the Standby screen, touch the Quick key ⊞, 📺, and then 🎮.

Note: The JAR file is a compressed format of the Java program, and the JAD file is a description file that includes detailed information. Prior to download, you can view all the detailed file descriptions in the JAD file on the network.

⚠ **WARNING:** Only J2ME (Java 2 Micro Edition)-based programs will run in a phone environment.

J2SE (Java 2 Standard Edition)-based programs will only run in a PC environment.

• **Get More:** This menu option connects to the GR501 game download site.

You can see the available downloaded games in the list.

Applications

To launch Applications while on the Standby screen, touch the Quick key 🔡, tab 🎬, and then 🔳.

This menu displays the list of Java programs downloaded using WAP. You can select, delete, or view in detail all previously downloaded programs in the Application menu.

Get More

This menu option connects to the GR501 application download site. You can see the available downloaded applications in the list.

Multimedia

Camera

Touch ⊞, then choose the ◷ tab. Touch 📷.

Take Photo

Using your phone's built-in camera module, take pictures of people or events while on the move. In addition, send photos to other devices as picture messages.

Press ⬜📷⬜ to switch to camera mode directly. Or choose 📷 from the ◷ tab.

Getting to know the viewfinder

Back: Touch here to return to the previous screen.

Camera mode: Camera mode is on.

Image Size

Flash status

Album

Capture: Take the picture

Flash

Settings: Touch this icon to open the settings menu. See Using the Advanced Settings on page 66 for details.

Zoom Bar: Allows you to zoom in and out when taking a picture. This option is only available when taking pictures at 640-x-480 and 320-x-240 resolutions.

Video camera mode: Change between camera and video camera modes.

Note: The shortcut options will automatically disappear after a few seconds.
To display the options again, touch the screen.

Multimedia

Settings Menu

Preview tab

- **View Mode:** Choose between Full Image and Full Screen.
- **Image Size:** You can capture an image resolution of 1600 x 1200 / 1280 x 960 / 640 x 480 / 320 x 240.
- **Brightness:** Use the slider to adjust the brightness.
- **Color Effects:** Options include Color, Mono, Sepia, Negative, and Blue.
- **White Balance:** Set the White Balance to Auto, Daylight, Cloudy, Illuminate, or Indoors.
- **Night Mode:** This is useful when taking photos under dark lighting conditions.
- **Timer:** Set the timer to Off/3 Seconds/5 Seconds/ 10 Seconds.

- **Image Quality:** Set the image to as Super Fine, Fine, or Normal.

Others tab

- **Save to:** Choose to save a photo to the Phone or Memory Card.
- **Shutter Tones:** Set to Tone 1/ Tone 2/Tone 3/Off.
- **Reset Settings:** Allows you to recover the default settings.

Note: In Take Photo mode, you can adjust the zoom scale by moving the slider. The maximum zoom levels depend on the resolution, as follows.

Resolution	Zoom scale
1600 x 1200	Level 1
1280 x 960	Level 1
640 x 480	Level 1–Level 10
320 x 240	Level 1–Level 10

Record Video

When recording video, you have many of the same Settings options you have when taking a photo.

Getting to know the viewfinder

Back: Touch here to return to the previous screen.

Video mode: Video mode is on.

Video Size

Flash status

Album

Start recording

Flash

Settings: Touch this icon to open the settings menu.

Zoom: Touch ⊕ to zoom in or ⊖ to zoom out. Alternatively, you can use the side volume keys.

Camera mode: Change from video camera to camera mode.
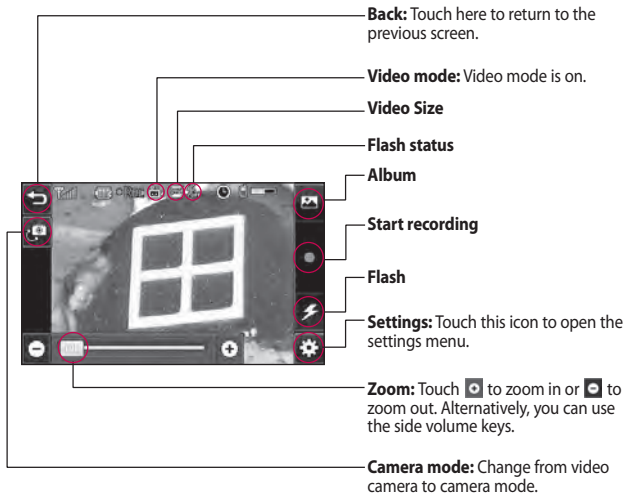
Multimedia

Settings Menu

Preview Tab

- **Video Size:** Sets the size of video to 320 x 240 or 176 x 144.
- **Brightness:** Use the slider to adjust the brightness.
- **Color Effects:** Options include Color, Mono, Sepia, Negative, and Blue.
- **White Balance:** Set the White Balance to Auto, Daylight, Cloudy, Illuminate, or Indoors.
- **Night Mode:** Use when recording videos under dark lighting conditions.
- **Video Quality:** Determines the quality of a video clip. Includes options for Super Fine, Fine, and Normal.
- **Type:** Use one of the recording duration presets, created for different purposes. General/MMS Mode.

Others Tab

- **Save to:** Choose to save a video clip to the Phone or Memory Card.
- **Voice:** Mute or unmute the voice.
- **Recording Tones:** Set Recording Tones On or Off.
- **Reset Settings:** Allows you to recover the default settings.

Note: In Video Record mode, you can adjust the zoom scale by moving the slider. The maximum zoom levels depend on the resolution, as follows.

Resolution	Zoom scale
320 x 240	Level 1–Level 10
176 x 144	Level 1–Level 10

Camera Album

View the Album containing your Pictures and Videos. For more available options, touch 目.
One-by-One View/Sort by/Send/ Print via Bluetooth/Delete/Slide Show/Delete All.

Video

Touch 📱 and the 📷 tab, and then choose 🌐.

- **🎬 Record Video:** Record your own video.
- View the video files in the list.

Note: DRM sometimes restricts some functions, such as send and edit.

Pictures

Touch 📱 and the 📷 tab, and then choose 🖼.

This allows you to view pictures while browsing.

- **🛒 Shop Graphics:** Connects to the GR501 graphic download site.
- **📷 Take Photo:** Switches to camera mode.
- **📁 Make GIF Animated file:** Make an animation file using the selected images in the list.
- View the image files in the list.

Music

Music

To launch GR501 Music while in Standby mode, touch the Quick key 🔲, touch the 🎬 tab, and then touch 🎵.

Music Centre

*   **Playlists:** Make your own playlists.
*   **Artists:** Lists all the artists in your music library, and displays all the songs of a selected artist.
*   **All Songs:** View all the songs in your music library.
*   **Albums:** Lists all the albums in your music library, and displays all the songs on a selected album.
*   **Genres:** Lists all the music genres in your music library, and displays all the songs of a selected genre.

Music Player

*   **All Songs:** View all the songs in your music library.
*   **Playlists:** Make your own playlists.
*   **Artists:** Lists all the artists in your music library, and displays all the songs of a selected artist.
*   **Albums:** Lists all the albums in your music library, and displays all the songs on a selected album.
*   **Genres:** Lists all the music genres in your music library, and displays all the songs of a selected genre.

Note: Music files may be protected by copyright and intellectual property laws. Make sure that you adhere to the applicable Terms of Use prior to downloading or copying files.

Playing Music

To listen to music saved on your phone or in the external memory, follow these quick and easy steps:

1 On the Standby screen, touch ▦, and then open the Multimedia tab by touching 📷.

2 Then touch 🎵.

3 Select Music Player to view your options. You can select from All Songs, Playlists, Artists, Albums and Genres. The Now Playing menu will only be available when music is p\laying.

4 If you select Music Centre, it shows Playlists, Artists, All Songs, Albums and Genres.

• Touch the song you want to play.

• While playing, touch ▮▮ to pause the selected song. Touch 🔊 to adjust the volume. Touch ▶▶ or ◀◀ to skip to the next song or previous song.

• Touch ▼ to Minimize the music player and access other phone functions while music is playing.

Note: Files under 300 kb may not be displayed in this function and may be categorized as Ringtones.

Music

Adding Music to Your Handset

You can add music files to your handset using one or more of the following methods:

• Download music and ringtones over the GR501 network directly to your device through the Shop Music link in the GR501 Music Folder or the Ringtones link in the GR501 Media Mall folder.

• From your existing digital media collection on your PC using Windows Media® Player and/or Windows Explorer.

• From your PC using other music subscription services, such as Napster or eMusic.

Transferring Music using your PC

Before You Get Started

To transfer music from your PC to your device, you need the following:

• Windows Media® Player 10 (or above) or other digital music management software, such as Napster or eMusic

• A microSD™ card* (supports up to 16-GB cards)

• USB data cable*

* microSD™ card and USB data cable sold separately.

Note: This device is not compatible with iTunes and/or iTunes files.

Transferring Music from the Digital Music Service

1 Using your computer, open your preferred PC music management application.

2 Download the selected song to your library.

3 Make sure the microSD™ card is inserted properly into your handset.

4 Use the USB adapter cable to connect your handset to the PC. When you try to connect the handset to your PC, the handset displays "Connecting as Music Sync..".

5 Once the USB connection has been established, the handset displays "Connected as Music Sync Mode. Do not disconnect during transfer". The computer screen then displays the GR501 device. If detection fails, see the **Changing USB Connection Settings** section on page 76.

6 To transfer music to your handset, follow the instructions in the program.

Note: If you have a USB hub, connect the handset directly to your computer rather than through the hub.

Music

Transferring Music using Windows Media Player

1 Open Windows Media® Player on your computer (version 10.0 or higher).

2 Use the USB adapter cable to connect your handset to the PC. When you try to connect the handset to your PC, the handset displays "Connecting as Music Sync...".

3 Once the USB connection has been established, the handset displays "Connected as Music Sync Mode. Do not disconnect during transfer". The computer screen then displays the GR501 device.

Note: If the computer does not detect the newly connected handset or displays an MTP Player dialog window on its screen, see the **Changing USB Connection Settings** section on page 76.

4 In the Windows Media® Player application, click on the Sync tab. Previously downloaded songs are then listed on the left side of the application.

5 Choose the destination location for the media files. The GR501 Music Sync Player appears in a drop-down list on the right side of the screen.

Note: If there is no item present in the playlist, click the Edit Playlist button, and begin adding music files from the various media categories.

6 Click on the boxes (to the left of the song entry) to select the songs you want to synchronize to your handset.

7 Click the Start Sync button to download the selected songs to your handset.
A "synchronization in progress" message appears in the application. Do not unplug the handset during this process. Once complete, the progress bar will disappear.

8 It is now safe to unplug the USB connector from the handset.

Drag and Drop Music Using GR501 As a Mass Storage Device

1 Make sure the microSD™ card is inserted properly into the headset.

2 Connect the device to a PC using a GR501 USB data cable.

3 A bubble may appear on the PC saying "Found New Hardware LG USB Modem".

4 Access My Computer on the PC.

5 The phone's memory card will be listed under Devices with Removable Storage in the same location as an optional drive.

Note: The PC will automatically assign a drive letter.

Music

6 In a new window, search for the music files you want.

7 Drag and drop the music files from the PC window to the Storage Card window.

8 Disconnect the device from the cable.

9 Access the Music Player on the phone.

Note: If the computer does not detect the newly connected handset as Mass Storage, see the Changing USB Connection Settings section below.

Changing USB Connection Settings

1 Touch ⊞, and then touch the ⚙ tab.

2 Touch 🔧.

3 Select **Connection**.

4 Touch **USB Connection Mode**.

5 Touch Music Sync (if using Windows Media® Player or other Digital Music Services) or Mass Storage (if you want to drag or drop files).

6 Reconnect the device to a PC.

Deleting Music Files

The following three options are available to delete Music from your Phone:

1 Delete a file using Mass Storage, but not using the Music sync function.

2 Delete a file by directly inserting the microSD™ external memory into the PC.

3 Delete a file using the delete function on the phone.

Note: If you delete a playlist from the phone, the songs in the playlist will not be removed. They remain in the All Songs folder. Use Music Sync to perform operations like Delete, Move, and Copy.

Note: Take note that all the data on your microSD™ card will be deleted if you carry out the below process.
- Go to Settings > Phone > Reset Settings > Master Clear > Memory Card in the Settings menu.
- Format the external memory using Mass Storage.

Note: Music is copyright protected by international treaties and national copyright laws. It may be necessary to obtain permission or a license to reproduce or copy music. In some countries national law prohibits private copying of copyrighted material. Please check the national legislation of the applicable country concerning the use of such material.

Web pages
- **RSS Reader:** open and view files created in the format with RSS.
- **Bookmarks:** store and edit frequently accessed sites.
- **saved pages:** Check saved pages.
- **Recent pages:** Check recent pages.

Media Player
This feature is only available if your network service provider supports.

My Stuff

Audio

Touch [icon] and the [icon] tab, and then choose [icon] .

*   **Get New Ring Tunes:** This menu option connects to the GR501 ringtone download site.
*   **Record Voice:** Record your own audio by touching [icon] .

Calendar

When you access this menu, a calendar appears. The red, square cursor is used to locate a particular day. The bottom bar on the calendar indicates schedule(s) for that day. This function reminds you about the schedule. The phone will sound an alarm if one has been set for a specific schedule item.

The following options are available when you open the Calendar and touch the [icon] menu.

*   **New Schedule:** Allows you to add a new schedule on the date you select.
*   **Search:** Allows you to search your schedule(s).
*   **Set Holiday:** Allows you to set a personal holiday for the selected date.
*   **View All:** Allows you to view all your schedules.
*   **Week View:** Allows you to change the Calendar view from Monthly View to Week View.

- **Go to Date:** Allows you to jump to a specific date.
- **Selective Delete:** Allows you to delete Old Schedules or All Schedules selectively.
- **Settings:** Allows you set the Default View and Weekly Begin day.

Alarm Clock

The alarm allows you to set up multiple alarms. You can also set the time, repetition interval, and alarm sound. Select the alarm you want to configure from the alarm list. If there is no alarm, touch

   New Alarm .

- **Time:** Select the time you want the alarm to go off. Enter the desired time, specifying the hour and minutes. If the time is in the 12-hour format, you must select either AM or PM by touching your choice.
- **Repeat:** Select the desired repeat mode.
- **Alarm Tone:** Select the alarm sound you prefer.
- **Memo:** Enter the alarm name.
- **Snooze Interval:** You can set the snooze interval to 5 Minutes, 15 Minutes, 30 Minutes, 45 Minutes, or 1 Hour. Touch Save to save your new Alarm.

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My Stuff

Calculator

The calculator allows you to add, subtract, multiply, and divide. You can enter numbers and operators using the touch keypad.

Use the [c] touch key to delete numbers.

Tools

On the Standby screen, touch [icon] and then the [icon] tab. Then choose [icon].

Voice Recorder

Use the Voice Recorder to record voice memos or other sounds.

• **Settings**
  - [icon] **Record Mode:** MMS record mode shortens the time so that the recording can fit in an MMS message; General mode provides longer recording time.
  - [icon] **Quality:** Set the audio's quality to Fine, Normal, or Economy.

- **Select Storage Defaults:** Set the default storage to Phone Memory or Memory Card.
- Touch [■] to start recording. Touch [■■] to pause recording. To continue recording, touch [■] again. To stop recording, touch [■]. The recording will be saved automatically.

- To start a new recording, touch [■]. To play the recording, touch [▶]. To send the recording by Message or Bluetooth or to an Online album, touch [□]. To delete the recording, touch [■], and then confirm by touching Yes.
- View the audio files in the list.

Voice Command

Voice command uses your phone's voice recognition engine to identify your voice and then carry out your commands. You have five possible voice commands: call <name or number>, Listen to voicemail, missed calls, messages, and time & date.

My Stuff

1 Call <Name or Number>: The phone will only make a call when you say the command "Call" followed by a name stored in the Address Book or a phone number. The phone's voice engine recognizes your words and displays name lists or phone numbers. However, interfering noise can cause problems displaying the possibilities. You also have the option to add a number type at the end, such as "mobile", "home", or "office".

2 Listen Voicemail: This command activates when you say the words "Listen Voicemail". You will then be automatically connected to voicemail.

3 Missed Calls: This command activates when you say the words "Missed Calls". The phone will then present missed call lists.

• Available commands
  - **Yes:** Make the phone call.
  - **No:** Move to the next missed call list.
  - **Cancel:** Go back to the main voice command menu.
  - **Exit:** Terminate voice command.

4 Messages: This command activates when you say the word "Messages". The phone then displays the details of unread SMS or MMS messages.

- **Available commands**
  - **Yes:** Make the phone call.
  - **No:** Move to the next unread message.
  - **Cancel:** Go back to the main voice command menu.
  - **Exit:** Terminate voice command.
5 Time & Date: This command activates when the user says the words "time and date". The phone then displays the current local time and date.

Voice Command also has options accessible by pressing ▤ when on the Voice Command screen. For more information, see page 81.

Notepad

You can create up to 30 memos.

1 Touch ⊞, and then choose ▥. Touch ▢, and then choose Notepad.

2 To create a new Note, touch New Note, enter the memo, and then touch ▭ Save ▭ to save.

World Clock

The World clock feature provides time information for major cities worldwide.

Note: The first time you use this feature, you will be asked to enter the name of your current City.

1 To add a new City to see its local time, touch ▤, and then select **New City**.

My Stuff

2 Touch the City in the red box; a list of available cities (in different time zones) will appear. From there, you can select any time zone you want to add.

• To make it easier, touch 🌐 and a Globe will appear. Touch the continent, and then choose the city you want to know the time in.

• You will see the date and time in that city on the bottom of the screen. Touch 🔲, and then touch Save.

Tasks

This feature allows you to save and manage tasks.

1 Touch New Task.

2 Enter the Due Date, a Note, and a Priority for the new Task.

3 Touch Save to save the Task item.

The following options are available by pressing 🔳 in the main Tasks menu:

- **New Task:** Create a new task.
- **Delete:** Lists all available tasks so you can select the ones you want to delete.
- **Send Task Via:** Enables the selected task to be transmitted using Text Message, Multimedia Message, or Bluetooth®.
- **View Calendar:** The calendar window will appear, and then you can add New Tasks to a certain date.

Stopwatch

This menu allows you to record elapsed time. The phone can also display the time of an individual lap (up to 20 laps) and the total time.

- **New Time**
  1. To start timing, touch
     Start .
     The running time is displayed as HH.MM.SS.hh (hours, minutes, seconds, hundredths of a second).
  2. During the timing, you can record an individual lap time by touching . You can record up to 20 lap times.

My Stuff

3. Stop timing by touching
   [Stop] , or restart by touching
   [Start] .

4. To reset the stopwatch, touch
   [Reset] .

• **Saved Times:** View the saved
  times.

Tip Calculator

This feature allows you to calculate
the tip amount quickly and easily
based on the total bill as well as the
split of the total bill according to
the number of people.

Unit Converter

This feature converts any
measurement into the unit you
want.

You can convert six types of units:
Area, Length, Weight, Temperature,
Volume, and Velocity.

To enter a decimal, touch [.].

Other Files

When you receive files of an unsupported format (such as .vcs or .vcf) by email, they are saved in this folder.

The following options become available when you touch the ▤ menu.

- **Send:** Send the selected file by Bluetooth®, Via Message, or To Online Album.
- **Delete:** Delete the selected file.
- **Move To:** Move the selected files to the Phone Memory or Memory Card (if applicable).
- **Copy To:** Copy the selected files to the Phone Memory or Memory Card (if applicable).

- **Rename:** Edit the name of the selected file.
- **New Folder:** Create a new folder.
- **Sort by:** Sort the folders by name, date, and type.
- **Delete All:** Delete all files and folders.
- **Used Space:** View internal and external memory status.

Memory Card

This feature shows the files in the external microSD™ card memory.

Settings

Call

Touch ⊞ and the ☀ tab, and then choose ☏.

Call Forwarding

When this network service is activated, you can direct your incoming calls to another number, for example, to your voicemail number. For details, contact network provider. Select one of the call forwarding options. For example, select If Busy to divert voice calls when your number is busy or when you reject an incoming call.

The following options are available:

- **All Voice Calls:** Forwards all voice calls unconditionally.
- **If Busy:** Forwards voice calls when the phone is in use.
- **If No Answer:** Forwards voice calls when you do not answer.
- **If Out of Reach:** Forwards voice calls when the phone is turned off or out of the coverage area.
- **Deactivate All:** Turns Off all call forwarding options so that all incoming calls are received by your handset.

Send My Number

This network service allows you to set your phone number to be displayed to (**On**) or hidden (**Off**) from the person you are calling. You can select **Set by Network** if you prefer to have different settings for different service providers.

Auto Redial

When you select On, your phone redials the number you're trying to call up to 10 times, after you hear a fast busy signal. Press 📞 to stop the call attempts.

This feature attempts to redial numbers that are engaged due to the wireless network. It does not redial numbers to an engaged party.

Note: There will be no alert indicating that the call has connected. You must stay on the line to hear when the call connects.

Answer Mode

Choose how to answer the phone.

• **Any Key:** Answer an incoming call by Pressing 📞, the 🔲 multitasking key, or a qwerty key.
• **Send Key Only:** Only answer an incoming call by pressing the 📞 key.

Min. Minder

This option allows you to set the phone to beep every minute during a call to keep you informed of the call length.

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Settings

Select Line

This feature allows you to manage Alternate Line Service, which provides support for two different phone numbers on your mobile phone.

You can select Line 1 or Line 2 and check the current line number in the upper-left corner of the screen.

1 2 (Quick mode)

Change the line by pressing and holding down the [Pound] key.

Note: ALS SIM card should be inserted first to use this Select line function.

Call Waiting

The network will notify you of a new incoming call while you have a call in progress. Select Activate to request the network to activate call waiting, or select Deactivate to request the network to deactivate call waiting. Select View Status to check whether the function is activated.

Call Reject

This menu allows you to turn On or Off Call Reject for all numbers or the numbers in the Call Reject List.

- **Call Reject On/Off:** Choose whether to reject incoming calls or calls from specific phone numbers. When the **Reject All Calls** option is set, all incoming calls are routed directly to Voicemail. **Reject on List** allows you to enable Call Reject for the numbers saved in your Call Reject List.
- **Call Reject List:** After touching New Number, you can add to the call reject list by selecting [Contact List] or [New Number]. You can add numbers to the Call Reject list by entering numbers directly or copying the numbers from the Contact List.

DTMF Tones

Select from ON / OFF.

TTY

Select TTY Full, TTY Talk, TTY Hear, or TTY Off.

Video Call

Choose your video call settings. Set whether to Use Substitute Image, or switch on the Mirror.

Date & Time

Touch ▦, the ☼ tab, and then choose 🔲.

- **Set Date:** Enter the day, month, and year. You can change the date format using the Date Format menu option.
  ddd, MMM DD (day, month date)
  MM/DD/YYYY (month/date/year)
  DD/MM/YYYY (date/month/year)
  YYYY/MM/DD (year/month/date)

Settings

- **Set Time:** Enter the current time. Choose the time format using the Time Format menu option: 12 Hours or 24 Hours. You can also set Daylight Saving Time to 1 Hour or 2 Hours.
- **Auto Update:** Select ON to set the phone to automatically update the time and date according to the current local time zone.

Sound

Touch ⊞, the ⚙ tab, and then choose ◙.

Get more

Connects to Bell's Ringtone Shops.

Volume

This menu controls Ringtone & Alerts, Multimedia, Call, and Keypad volume.

Ring Tunes

- **Sounds:** Shows and plays ring tones. Select your preferred Ringtone by touching the ringtone in the list.
- **Alert Type:** Supports three ring alert types. Ring, Ring & Vibrate, and Ring after Vibration.
- **Increasing Ringtone:** Select an Increasing Ringtone, which is played when you receive an incoming call. You can choose to turn this ON and OFF.

Message Tone

• **Sounds:** Shows and plays message tones. Select your preferred Ringtone by touching the ringtone in the list.

• **Alert Type:** Supports six message alert types: Ring Once, Ring Every 2 Min., Ring Every 15 Min., Ring & Vibrate, Vibrate, and Silent.

Note: You cannot set full-length music tracks as either ringtones or message tones.

Alert Tone

• **Sounds:** Select a set of alert tones. Supports two alert tone types: **Alert Tone 1** and **Alert Tone 2**.

• **Alert Type:** Select to turn Alert Tones to Ring or Silent.

Keypad Tone

From this menu, select a tone for the phone to sound when a key is pressed. Select between **Beep** and **Voice**.

Power On/Off Tones

Select to turn Power On/Off Tones to **Ring** or **Silent**.

Display

Touch 🔡, the ⚙ tab, and then choose 🖼.

Get More

Connects to GR501's graphics download site.

Wallpapers

From this menu, select a picture for the background or no background at all.

Settings

Fonts

Configure the font size and color of the numbers that appear on the Dialing screen when you make a call.

Brightness

Set the brightness of the display screen.

Backlight Timer

Use this to set the duration of the touch screen and keypad backlight.

Themes

You can change the entire look of display. Touch the screen, drag it from right to left, and the touch
 Set to change the display theme from Black to White or vice versa.

Touch

Touch ▦, the ✿ tab, and then choose ▢.

Customize the Touch settings and change Touch Screen Feedback types, such as Vibration, Sound, Vibration & Sound, and Silent. You can also choose the Vibration type and adjust its intensity. When you set Sound as the Touch Screen Feedback type, you can choose the sound type and adjust its volume.

Phone

Touch ▦, the ✿ tab, and then choose ▢.

Languages

Change the language of the display text on your phone. This change will also affect the Language Input mode.

Screen Lock

This allows you to set the amount of time before your screen is automatically locked.

If you set When slider is closed [ON], the screen will lock automatically when you slide down the phone.

Set Flight Mode

This allows you to use only the phone's features that do not require the use of a wireless network when you are in an airplane or other places where wireless networks are prohibited. If you set the phone to flight mode [ON], you will be prompted to confirm your selection. After you confirm by touching [Yes], the Flight mode icon will appear on the screen in place of the network signal icon.
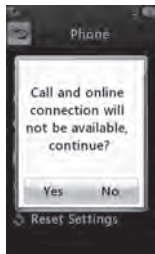
Settings

- : You cannot make (or receive) any calls, including emergency calls, or use other features that require network coverage.
- : Deactivates Flight Mode and reestablishes your wireless connections.

Auto Rotation

Select whether you want the phone to rotate automatically (for example, from Portrait to Landscape Mode). Please note that the phone may not always rotate, depending on what function is currently running.

Security

Various codes and passwords protect the features and settings of your phone. They are described in the following sections.

- **Phone lock:** You can use a security code to avoid unauthorized use of your phone. If you set phone lock to When Power On, the phone will request a security code whenever you turn the phone on. If you set the phone lock to When SIM Changed, your phone will request a security code only when you change your SIM Card. If you set the phone lock to Lock Phone Now, your phone will be immediately locked.

TIP! The default number for phone lock is 0000.

• **PIN Code Request:** When the PIN code request feature is set to on, you must enter your PIN each time you turn the phone on. Consequently, any person who does not have your PIN cannot use your phone without your approval.

Note: Before setting the PIN code request feature to Off, you must enter your PIN.

The following options are available:

• on : You must enter the PIN each time when it is required.

• off : The phone connects directly to the network when you turn it on.

• **Change Codes:** The Change codes feature allows you to change your current password. You must enter the current password before you can specify a new one. You can change the access codes for the following: **Security Code**, **PIN1**, **PIN2**.

Reset Settings

This function allows you to restore your phone to its factory settings. To do this, you need the security code.

• **Master Reset:** Restores the settings (e.g., Audio, Display, Language, Date & Time, and Bluetooth® Settings) in the handset memory to their default values.

Settings

- **Master Clear:** Deletes downloaded/user-created content (e.g., images and videos) from Handset content and the External Memory card.

  - **Phone**

    Deletes all downloaded/user-created Images, Videos, and Sounds from the Handset Memory.

    Deletes Personal Information stored in the handset memory (e.g., address book, messages, tasks, alarm, and Calendar schedules).

    Restores the settings in the handset memory to the default values.

  - **Memory Card:** Deletes all content from the External Memory Card.

Bluetooth®

Touch 📇, the ⚙ tab, and then choose 🎧.

Your phone has built-in Bluetooth® wireless technology, which makes it possible for you to connect your phone wirelessly to other Bluetooth® devices, such as a hands-free device, PC, PDA, a remote screen, or other phones. The devices registered to your phone can only be connected one at a time. (To make a connection to the same type of device or change Bluetooth® preferences, first disconnect the existing device.)

You can have a conversation using a cordless Bluetooth® hands-free phone or browse the Internet wirelessly using a mobile phone.

You can also exchange, for example, business cards, calendar items, and pictures.

XM Radio and music playback is supported through Bluetooth® headsets.

Hands-free profile

This icon appears when the phone's hands-free profile is used between it and a hands-free device. This allows you to call using a Bluetooth® connection.

A2DP profile

This icon appears when the A2DP profile is used between a stereo headset device and the phone. This allows you to listen to an audio clip. A2DP is the Advanced Audio Distribution Profile, which provides support for streaming either mono or stereo audio using Bluetooth®.

Hands-free + A2DP profile

This icon appears when both the hands-free and A2DP profiles are used between the compatible device and the phone. This allows you to call and listen to an audio clip using a Bluetooth® connection.

See the manual that comes with each device you use.

Note: We recommend that there is no more than 10 meters (33 feet) between your phone and the Bluetooth® device you are communicating with. The connection may be improved if there are no solid objects between your phone and the other Bluetooth® device.

Settings

- **Bluetooth®:** This menu turns Bluetooth® [ON] or [OFF].

- **My Visibility**
  - Selecting the [ON] option reveals your phone to other Bluetooth® devices.
  - Selecting [OFF] shows your phone only to already-paired devices.

- **Search New Device:** Search for and add new devices.

- **My Devices:** View the list of all devices that are paired with your phone.

  1 Touch [New Device] to search for devices that can connect and are within range.
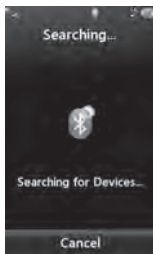
2 If you want to stop searching, touch [Cancel].

3 All of the devices found are displayed.

Touch the desired device, and enter the password. If you would like to search again, touch
Refresh .

• **My Bluetooth® Info:** Configure the Bluetooth® profile.
  - **Device Name:** Change the handset name that is seen by other Bluetooth® devices.
  - **Supported Services:** Shows you all services that the handset supports.
  - **Primary Storage:** Select Handset and Memory Card as the place to save data received using Bluetooth®.

More

Touch ⊞, the ☀ tab, and then choose 🎇.

Phone Support

Get support from **Self Serve**, **Text Assistance** and **Live Assistance**.

Connection

• **USB Connection Mode**

  You can transfer files from a compatible PC to the phone's memory when using Mass Storage. When you connect the phone to a PC using the USB cable, it will be displayed as a removable disk in Windows Explorer.

  The USB Connection Mode determines how your Phone communicates with other USB devices when they are connected with a USB cable.

Settings

- **Internet Profiles**

  This menu shows Internet Profiles. You can add, delete, and edit Internet Profiles using the 目 Menu. However, you cannot delete or edit the default configurations provided by GR501.

- **Access Points**

  This menu shows Access Points. You can register, delete, and edit them using the 目 Menu. However, you cannot delete or edit the default configurations provided by GR501.

- **Network Selection**

  - Automatic: This function automatically searches for a network and registers the handset to that network.

  - Manual: This function allows you to search for networks and specify which network in the network list to register with, if possible.

- **Preferred Network Lists**

  Select preferred network lists to display and saves in your SIM Card. You can edit the current preferred network list.

  * : Shown only if supported by the SIM Card.

- **GPRS Attach**

Start Up Guide

This menu will start the animated guide. Using animated visuals, the guide will help you quickly learn some of the functions of your GR501. For a complete list of Guides in this menu, see page 13.

Touch Calibration

This menu option allows you to calibrate your touch screen. Follow the instructions on the screen to complete the calibration.

Memory

Used Space

This function shows the status of the handset's user memory.

• **Phone Common:** This will display the memory currently used in your phone and will categorize it by file type using the memory.

• **Memory Card:** If your phone has a multimedia memory card in the card slot, you can save images, sounds, and videos on the memory card. Check the current status of the external memory card in the Memory status menu.

• **Phone Reserved:** This function shows the status of the reserved memory for the user (Text Message, Contacts, Calendar, Tasks, Memo).

• **SIM Card:** This function shows the status of the SIM Card user memory.

Set Storage Defaults

Assign the default storage to Phone Memory or Memory Card.

Settings

Applications

This Menu allows you to adjust the settings of the following features:

Messaging

To set the message settings on standby screen, touch 📩.
Touch Message Settings.
For more information on **Message Settings**, see page 55.

Browser

This menu allows you to customize your Browsing experience by changing the following settings:

Accounts

This includes the network information used to connect the browser to the Internet. Select the desired account by tapping the screen. This will activate the account that will be used for future connections. GR501 Internet is the predefined account set by default.
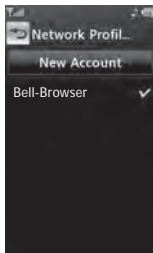
The following options become available when you touch 🔳:

• **Delete:** Allows you to delete the account.

• **Delete all**

Note: You cannot edit or delete preinstalled accounts. To create a new account, fill in the network information.

1. **Account Name:** Name associated with the new account.
2. **Home page:** Home page URL.
3. **Internet Profile:** Choose one from the Internet profiles.

Note:
1. GR501 provides default settings for accounts.
2. You must be careful when creating or editing an account. The browser cannot connect to the Internet if the account information is incorrect.

Appearance

Choose the browser settings for appearance (Text size, Character Encoding, Show Image, JavaScript).

Cache

The Web pages you access are stored in the phone's memory.

• **Clear Cache:** Remove all cached data from the memory.

Note: A cache is a buffer memory used to store data temporarily, especially when online.

Cookies

Information for specific services you have accessed is stored in what is called a Cookie.

Settings

Clear Log-in Info

Rendering Mode
Set the Rendering mode to
Standard or **Text Only**.

Security
A list of the available certificates
appears.

- **Certificates:** See a list of
certificates, and view detailed
information about them.
- **Clear Session:** Removes the
secure session.

Secure Pop-up
Control the pop-up that indicates
whether a page is secure.

Browser Shortcut
If this is set to **On**, you can use
the browser more quickly and
conveniently using the phone's
Qwerty keypad. If Shortcut is on,
the following Shortcut keys are
available:

Enter URL	This page
View Bookmarks	Page Overview
Full Screen	Normal Screen
Page Up	Recent Pages
Zoom In	Search Text
Page Down	Zoom Out

Voice Command

- **Mode**
    - **Speed:** Voice command is abbreviated
    - **Normal:** Voice command is played normally
- **Best Match**
    - **1 Match:** The most likely match is displayed, finding a number in the Address Book
    - **4 Matches:** The four most likely matched names are displayed, finding names in the Address Book

- **Sensitivity**
    - **High:** Operation and performance of the voice recognition engine is rarely affected by the user's voice command and surrounding sound.
    - **Medium:** Operation of the voice recognition engine is normally affected by user's voice command and surrounding sound.
    - **Low:** Operation of the voice recognition engine is strongly affected by user's voice command and surrounding sound.

Settings

- **Speakerphone Mode**
  - **Automatic On:** When this option is selected, the volume is high enough to hear sound when the phone is away from the ear.
  - **Off:** When this option is selected, the volume is lower, and sound can only be heard through the Earpiece.
- **Call Alert**
  - **Ring only:** Rings repeatedly when you receive a call.
  - **Ring After Name:** When you receive a call, announces the name of the contact once and then rings repeatedly.
  - **Name Repeat:** When you receive a call, repeatedly announces the name of the contact.

Software Update
- **Check for Update**
  Check the server for a new software update.

Phone Information

This menu is used to view My Numbers, Manufacturer, Model Name, Device ID, Hardware Version, Software Version, Language, and DM Client Version.

Accessories

There are a variety of accessories available for your mobile phone, some of which may be sold separately. You can select these options according to your personal requirements. Consult your local dealer for availability.

Travel Adapter

This adapter allows you to charge the battery. It supports standard US 120-Volt, 60-Hz outlets.

Stereo headset

Battery

Standard battery is available.

Data cable

Connect and synchronise your GR501 and PC.

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

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 117 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.

For Your Safety

- 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.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Memory card information and care

- Always insert/ remove the memory card while the handset power is off. If you remove it while the power is on, it may be damaged.
- If a damage cannot be fixed, format the memory card.
- The memory card cannot be used for recording copyright protected data.
- Do not write forcefully on the memo area.
- Carry and store the memory card in its case.
- Do not allow the memory card to get wet.
- Do not leave the memory card in extremely hot location.
- Do not disassemble or modify the memory card.

For Your Safety

FCC RF Exposure Information

> ⚠ **WARNING**
>
> Read this information before operating the phone.

In August 1996, the Federal Communications Commission (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.

For Your Safety

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.

Avoid damage to your hearing

• Damage to your hearing can occur if you are exposed to loud sound for long periods of time. We therefore recommend that you do not turn on or off the handset close to your ear. We also recommend that music and call volumes are set to a reasonable level.

• If you are listening to music whilst out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is particularly imperative when attempting to cross the street.

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TIA Safety Information

Provided herein is the complete TIA Safety Information for Wireless Handheld phones. Inclusion of the text covering Pacemakers, Hearing Aids, and Other Medical Devices is required in the owner's manual for CTIA Certification. Use of the remaining TIA language is encouraged when appropriate.

Exposure to Radio Frequency Signal

Your wireless handheld portable telephone is a lowpower radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones.

Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

Safety Guidelines

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on Efficient Operation

For your phone to operate most efficiently:

• Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

• Give full attention to driving - driving safely is your first responsibility;
• Use hands-free operation, if available;
• Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6') inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

• Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;

• Should not carry the phone in a breast pocket.

• Should use the ear opposite the pacemaker to minimize the potential for interference.

• If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

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Health Care Facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a 'blasting areas or in areas posted: 'Turn off two-way radio'. Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, marked clearly.

Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Safety Information

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

Charger and Adapter Safety

• The charger and adapter are intended for indoor use only.

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Battery Information and Care

• Please dispose of your battery properly or take it to your local wireless carrier for recycling.

• The battery does not need to be fully discharged before recharging.

• Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.

• Do not disassemble or impact the battery as it may cause electric shock, short-circuit, and fire. Store the battery in a place out of reach of children.

• Keep the battery's metal contacts clean.

• Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.

• Recharge the battery after long periods of non-use to maximize battery life.

• Battery life will vary due to usage patterns and environmental conditions.

• Use of extended backlighting, MEdia Net Browsing, and data connectivity kits affect battery life and talk/standby times.

• The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.

• Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.

Explosion, Shock, and Fire Hazards

• Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.

• Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.

• When using the power plug, ensure that it is firmly connected. If it is not, it may cause excessive heat or fire.

• 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.

• Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

• Using a damaged battery or placing a battery in your mouth may cause serious injury.

• Do not place items containing magnetic components such as a credit card, phone card, bank book or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.

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• Talking on your phone for a long period of time may reduce call quality due to heat generated during use.

• When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.

• Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.

• 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 Centre to replace the damaged antenna.

• Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Centre.

• Do not paint your phone.

• The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.

• When you use the phone in public places, set the ring tone to vibration so as not to disturb others.

• Do not turn your phone on or off when putting it in your ear.

FDA Consumer Update

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

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects.

Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

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

Under the law, the FDA does not review the safety of radiation emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the

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phones so that the hazard no longer exists.

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

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

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

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

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

• National Institute for Occupational Safety and Health

• Environmental Protection Agency

• Occupational Safety and Health Administration (Administración de la seguridad y salud laborales)

• Occupational Safety and Health Administration

• National Telecommunications and Information Administration

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

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

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

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

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

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

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often

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cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer causing chemicals so as to be predisposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about longterm exposures, since the average period of phone use in these studies was around three years.

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

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed

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

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

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). The FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues. The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. The

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FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIAfunded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures.

The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the

online listing.

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

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, 'Recommended Practice for Determining the Spatial- Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques,' sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissuesimulating model of the human head. Standardized

SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

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

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in

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

10. What about children using wireless phones?

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

tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a 'compatible' phone and a 'compatible' hearing aid at the same time. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

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12. Where can I find additional information?

For additional information, please refer to the following resources:

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

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

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

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

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

10 Driver Safety Tips

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

When operating 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. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your

attention off the road.

2. When available, use a handsfree device. A number of handsfree wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

4. Suspend conversations during hazardous driving conditions or situations. 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 and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be

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stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip — dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations — with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless nonemergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are

not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. 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.

For more information, please call to 888-901-SAFE, or visit our website www.wow-com.com

Consumer Information on SAR (Specific Absorption Rate)

This Model Phone Meets the Government's Requirements for Exposure to Radio Waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of

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all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the governmentadopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 0.671 W/kg and when worn on the body, as described in this user's manual, is 1.18 W/kg. (Body-worn measurements differ among phones models, depending upon available accessories and FCC requirements.) While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID BEJGR500R.

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

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

* Product meets current FCC & IC Radio Frequency Exposure Guidelines.
FCC ID BEJGR500R ,
IC ID: 2703C-GR500

Trouble Shooting

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.

Message	Possible causes	Possible Corrective measures
Phone cannot be switched on	On/Off key pressed too briefly	Press On/Off key for at least two seconds.
	Battery empty	Charge battery. Check charging indicator in the display.
	Battery contacts dirty	Clean contacts.
Charging error	Battery totally empty	Charge battery.
	Temperature out of range	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.
	Charger defective	If the charger does not warm up, replace it.
	Wrong charger	Only use original LG accessories.
	Battery defective	Replace battery.
Phone loses network	Signal too weak	Reconnection to another service provider is automatic.
Number not permitted	The Fixed dial number function is on.	Check settings.