



# flick

LG-T320g

ENGLISH  
FRANÇAIS

## User Guide

P/N : MFL67022101 (1.0)

[www.lg.com/ca](http://www.lg.com/ca)

Bluetooth QD ID B016856

# LG Flick User Guide - English

Some of the contents in this manual may differ from your phone depending on the software of the phone or your service provider.



# Contents

<b>Installing the SIM card and the handset battery .....</b>	<b>4</b>	<b>Messaging .....</b>	<b>11</b>
Installing the SIM Card .....	4	Entering Text.....	12
Illustrations.....	4	Handwriting recognition.....	12
<b>Phone Components.....</b>	<b>5</b>	Setting up your email .....	12
<b>Using your touch screen.....</b>	<b>6</b>	Changing your text message settings .....	12
Touch screen tips.....	6	Changing your multimedia message settings.....	13
Control the touch screen .....	6	Social network services (SNS) .....	14
<b>Your home screen.....</b>	<b>7</b>	.....	14
<b>Your menu screen.....</b>	<b>8</b>	Facebook (Continued SNS)..	14
<b>Calls.....</b>	<b>9</b>	<b>Camera .....</b>	<b>14</b>
Making a Call.....	9	Taking a quick photo .....	14
Making a call from your contacts .....	9	After taking a photo.....	15
Changing the common call setting.....	9	Using the advanced settings	15
<b>Contacts.....</b>	<b>10</b>	<b>Video camera.....</b>	<b>16</b>
Searching for a contact .....	10	Making a quick video .....	16
Adding a new contact.....	10	After making a video .....	17
Changing your contact settings .....	11	Using the advanced settings	17
		<b>Music .....</b>	<b>18</b>
		Transferring music onto your phone .....	19
		<b>Managing files .....</b>	<b>19</b>
		Games and Applications .....	19

<b>Application</b> .....	<b>20</b>	<b>Accessories</b> .....	<b>24</b>
Adding an event to your calendar .....	20	<b>Technical data</b> .....	<b>25</b>
Setting your alarm.....	20	<b>For Your Safety</b> .....	<b>26</b>
Voice recorder .....	20	<b>Safety Guidelines</b> .....	<b>33</b>
Using your calculator .....	20		
Converting a unit.....	20		
<b>PC Suite</b> .....	<b>20</b>		
Installing the LG PC Suite on your computer .....	20		
<b>The web</b> .....	<b>21</b>		
Accessing the web .....	21		
Access to Yahoo! Search ....	21		
<b>Settings</b> .....	<b>22</b>		
Personalising your profiles ..	22		
Changing your phone settings. .....	22		
Using memory manager .....	22		
Changing your connectivity settings .....	22		
Sending and receiving your files using Bluetooth.....	22		
Pairing with another Bluetooth device .....	23		

# Installing the SIM card and the handset battery

## Installing the SIM Card

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

### Important!

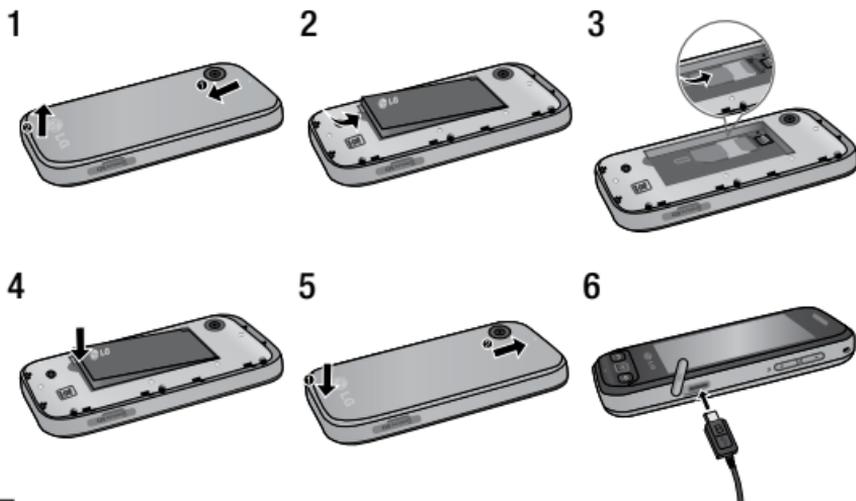
The plug-in SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting or removing the card. Keep all

SIM cards out of the reach of small children.

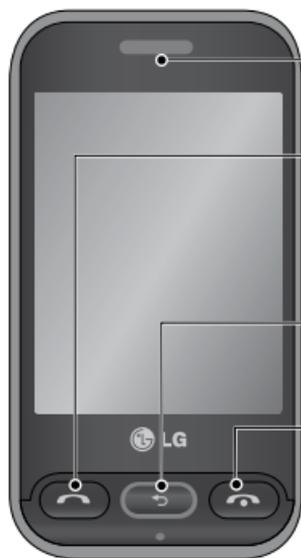
## Illustrations

Always switch the device off and disconnect the charger before removing the battery.

- 1 Remove the back cover.
- 2 Lift battery away.
- 3 Insert the SIM card.
- 4 Insert the battery pack.
- 5 Attach the back cover.
- 6 Charge the battery.



# Phone Components



**Earpiece**

**Call key**

Dials a phone number and answers incoming calls.

**Clear key**

Go back to a previous screen.

**End key**



**Volume keys**

- **When the screen is at the Home screen:** Ring tone and touch tone volume.
- **During a call:** Earpiece volume.
- **Down volume key:** Press and hold to activate/ deactivate Silent mode.

**Power/Lock key**

- Short press to turn on/off the screen.
- Long press for power on/off.



**Handsfree or Stereo earphone connector**

# Using your touch screen

## Touch screen tips

- To select an item, touch the centre of the icon.
- Do not press too hard. The touchscreen is sensitive enough to pick up a light, firm touch.
- Use the tip of your finger to touch the option you require. Be careful not to touch any other keys.
- Whenever your LG Flick is not in use, it will return to the lock screen.



## Scrolling

Drag from side to side to scroll. On some screens, such as the call history list, you can also scroll up or down.

## Control the touch screen

The controls on the LG Flick touch screen change dynamically depending on the task you are carrying out.

## Opening Applications

To open any application, simply touch its icon.



# Your home screen

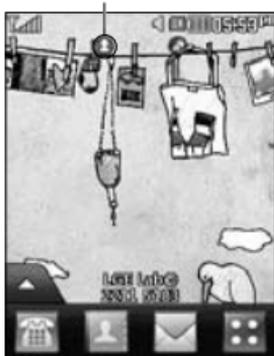
You can drag and click what you need right away in all home screen types.

## Active



**Widget home screen** - When you touch  on the bottom left of the screen, the mobile widget panel appears. When you register widget by dragging it, the widget is created in the spot.

## Active



**Speed dial home screen** - When you touch , the speed dial list appears. You can call, send a message or edit the contact directly in this home screen.

# Your menu screen

You can drag from side to side to scroll what you need right away in all menu screen.

To swap between the menu screens just wipe quickly over the display from left to right, or right to left.

- 1 Call screen- Send the message or make a call in this menu



- 2 Multimedia screen- Use Google menu or send e-mail.



- 3 Application screen- Use applications in this menu.



# Calls

## Making a Call

- 1 Touch  to open the keypad.
- 2 Key in the number using the keypad.
- 3 Touch  to initiate the call.

**TIP!** To enter + for making an international call, press and hold .

Press the power key to lock the touchscreen to prevent calls being made by mistake.

## Making a call from your contacts

- 1 From the home screen touch  to open the **Contacts**.
- 2 Tap the Name field box on the top of the screen and enter the first few letters of the contact you would like to call using the keypad.

- 3 From the filtered list, touch the Call icon next to the contact you want to call. The call will use the default number if there is more than one for that contact.
- 4 Or, you can touch the contact name and select the number to use if there is more than one for that contact to use. You can also press  to initiate the call to the default number.

## Changing the common call setting

- 1 Touch **Call settings** in the **Settings** menu.
- 2 Scroll and touch **Common settings**.
  - **Call reject** - Slide the switch left for ON. You can touch the Reject list to choose all calls, specific contacts or groups or calls from unregistered numbers (i.e. not in your contacts).

- **Send my number** - Choose whether to display your number on an outgoing call.
- **Auto-redial** - Slide the switch left for ON or right for OFF.
- **Answer mode**  
**Press send key:** Allows you to only answer an incoming call by pressing the  key.  
**Press any key:** Allows you to answer an incoming call by pressing any key, except the  key.
- **Minute minder** - Slide the switch left to ON to hear a tone every minute during a call.
- **BT answer mode** - Select Handsfree to be able to answer a call using a Bluetooth headset, or select Handset to press a handset key to answer a call.
- **Save new number** - Select ON or OFF to save a new number.

## Contacts

### Searching for a contact

- 1 Touch **Contacts**.
- 2 You see a list of contacts. Typing in the first letter of a contact's name in the Name field will jump the menu to that alphabetical area of the list.

### Adding a new contact

- 1 Touch **Contacts** and touch **Add**.
- 2 Choose whether to save the contact to your **Internal memory** or **SIM**.
- 3 Enter your first and last name.
- 4 You can enter up to five different numbers per contact.
- 5 Add an email addresses. You can enter up to two different email addresses per contact.
- 6 Assign the contact to one or more groups.

7 Touch **Save** to save the contact.

## Changing your contact settings

You can adapt your contact settings so that your **Contacts** suits your own preferences.

Touch **Options key**  and touch **Settings**.

- **Display name** - Choose whether to display the first or last name of a contact first.
- **Copy** - Copy your contacts from your SIM to your handset, or vice versa. You can do this one contact at a time, or all at once.
- **Move** - This works in the same way as Copy, but the contact is stored at the new location only. Therefore, once a contact is moved from the SIM to the Internal memory it will be deleted from the SIM memory.

- **Send all contacts via Bluetooth** - Sends all contacts to other handset via Bluetooth.
- **Back up contacts/ Restore contacts** - Save or restore the contacts data to the other storage.
- **Delete all contacts** - Delete all your contacts. Touch Yes if you are sure you want to delete all your contacts.

## Messaging

Your LG Flick combines SMS and MMS into one intuitive and easy-to-use menu.

### Sending a message

- 1 Touch **Messages** in menu. And touch **Write message** to begin composing a new message.
- 2 Touch **Insert** to add an image, video, sound, template and so on.

3 Touch **To** at the top of the screen to enter the recipients. Then enter the number or touch  to select a contact. You can even add multiple contacts.

4 Touch **Send** when ready.



**WARNING:** If an image, video or sound is added to an SMS it will be automatically converted to an MMS and you will be charged accordingly.

## Entering Text

You can choose your input method by tapping  and **Input method**.

Touch  to turn on T9 mode.

This icon is only shown when you choose **Keypad** as the input method. Touch  to change between numbers, symbols and text input.

Use **Shift** key to change between capital or lowercase input.

## Handwriting recognition

In Handwriting mode you simply write on the screen and your LG Flick will convert your handwriting into your message.

## Setting up your email

Touch **E-mail** in Application screen.

If the email account is not set up, start the email set up wizard and finish it.

You can check and edit settings by selecting . You can also check the additional settings that were filled in automatically when you created the account.

## Changing your text message settings

Touch **Messages** and touch **Settings**. Select **Text message**.

**Text message centre** - Enter the details of your message centre.

**Delivery report** - Slide the switch left to receive confirmation that your messages have been delivered.

**Character encoding** - Choose how your characters are encoded. This impacts the size of your messages and therefore data charges.

**Send long text as** - Choose to send long messages as **Multiple SMS** or as an **MMS**.

## Changing your multimedia message settings

Touch **Messages** and, touch **Settings** and **Multimedia message**.

**Retrieval mode** - Choose between **Home network** or **Roaming network**. If you then choose **Manual** you will receive

only notifications of MMS and you can then decide whether to download them in full.

**Delivery report** - Choose to request and/or allow a delivery report.

**Read receipt** - Choose to request and/or allow a reply.

**Priority** - Choose the priority level of your MMS.

**Validity period** - Choose how long your message is stored at the message centre.

**Slide duration** - Choose how long your slides appear on the screen.

**Unsupported attachment** - Choose whether the unsupported attachment is restricted or not.

**Delivery time** - Choose how long to wait before a message is delivered.

**MMS centre** - Choose one from the list or add a new message centre.

## Social network services (SNS)

Your LG Flick has SNS that lets you enjoy and manage your social network.

**TIP:** Facebook, Twitter and Myspace are java applications based on java technology.

**NOTE:** SNS feature is a data intensive application. An additional costs may be incurred when connecting and using online services. Check your data charges with your network provider.

## Facebook (Continued SNS)

**Home:** Log in and you will see your friend's updated status. Input your comment about new status or check others.

**Profile:** You can select the **Wall > Status updates** and write the current status. See your info detail and upload the photo by touching **Photos > Upload Photo**.

**Friends:** Search your friends in facebook by selecting Search tap.

**Inbox:** You can see the Inbox/Sent folder, and write a SN message.

## Camera

### Taking a quick photo

- 1 Touch **Camera** menu.
- 2 When the camera has focused on your subject, touch the  on the right-center of the screen to take a photo.

**TIP:** To switch to the camera mode or video mode, slide up/down the camera or video icon on the centre-right of the viewfinder.

## After taking a photo

Your captured photo will appear on the screen.

The following options are available.

Touch .

**Send** - Touch to send the photo as a **Message**, **E-mail** or via **Bluetooth**.

**Set as** - Touch to set a screen image (Homescreen wallpaper, Lockscreen wallpaper, Contacts image, Incoming call image, Outgoing call image, Startup image and Shut down image).

**Rename** - Touch to rename the photo.

**Edit** - Touch to edit the photo.



Touch to delete the image.



Touch to take another photo immediately.



Touch to view a gallery of your saved photos.

## Using the advanced settings

From the viewfinder, touch  to open all advanced settings options.

After selecting the option, touch the **OK** button.

**Size** - Change the size of the photo to save memory

**White balance** - Choose between **Auto**, **Incandescent**, **Sunny**, **Fluorescent**, and **Cloudy**.

**Colour effect** - Choose a color tone for your new photo.

**Continuous shot** - Position the subject in the viewfinder, then press the capture button as if taking a normal photo. The camera will take shots in quick succession.

**Self-timer** - The self-timer allows you to set a delay after the shutter is pressed. Select **Off, 3 seconds, 5 seconds, or 10 seconds**. This is ideal if you want to be included in a photo.

**Night mode** - Useful to user in dark places.

**Image quality** - Choose between **Super fine, Fine, and Normal**. The finer the quality, the sharper the photo. However, the file size will increase as a result, which means you'll be able to store fewer photos in the memory.

**Select storage** - Choose whether to save your photos to the Handset memory or to the External memory.

**Hide icons** - Choose the camera setting icons to hide manually or automatically.

**Show captured image** - Choose On to check the picture you took right away.

**Shutter sound** - Select one of the three shutter sounds.

**Grid screen** - Choose between **Off, Simple cross, or Trisection**.

**Reset settings** - Restore all camera default settings.

## Video camera

### Making a quick video

To switch to the camera mode or video mode, slide up/down the camera or video icon on the right centre of the viewfinder.

- 1 Holding the phone horizontally, point the lens towards the subject of the video.

- 2 Press the red dot .
- 3 ● **Rec** will appear at the bottom of the viewfinder with a timer at the bottom showing the length of the video.
- 4 To pause the video, touch  and resume by selecting .
- 5 Touch  on screen.

## After making a video

A still image representing your captured video will appear on the screen. The name of the video runs along the bottom of the screen together with icons down the left and right sides .

 Touch to play the video.

The following options are available.

Touch .

**Send** - Touch to send the video as a **Message** via **Bluetooth**.

**Rename** - Touch to rename the video.

 Touch to delete the video you have just made and confirm by touching **Yes**. The viewfinder will reappear.

 Touch to shoot another video immediately. Your current video will be saved.

 Touch to view a gallery of saved videos and images.

## Using the advanced settings

From the viewfinder, touch  to open all advanced settings options. You can change the video camera setting by scrolling the wheel. After selecting the option, touch the OK button

**Video Size** - Choose the 320x240 or 176x144.

**Colour Effect** - Choose a color tone to use for your new view.

**White balance** - The white balance ensures any the white areas in your video are realistic. To enable your camera to adjust the white balance correctly, you may need to determine the light conditions. Choose between **Auto, Incandescent, Sunny, Fluorescent,** and **Cloudy.**

**Quality** - Choose between **Super fine, Fine** and **Normal.** The finer the quality, the sharper a video will be, but the file size will increase. As a result, you will be able to store fewer videos in the phone's memory.

**Duration** - Set a duration limit for your video. Choose between **Normal** and **MMS** to limit the maximum size to send as an MMS message.

**Select storage** - Choose whether to save your videos to the Handset memory or to the External memory.

**Audio recording** - Choose **Mute** to record a video without sound.

**Hide icons** - Select whether to hide the icons in the camera menu automatically or manually.

**Reset settings** - Reset all the video camera settings.

## Music

To access the music player, touch **Music.** From here, you can access a number of folders:

**Recently played** - Plays the songs you have played recently.

**All tracks** - Contains the songs you have on your phone except the pre-loaded default music.

**Artists** - Browse through your music collection by artist.

**Albums** - Browse through your music collection by album.

**Genres** - Browse through your music collection by genre.

**Playlists** - Contains all the playlists you have created.

**Shuffle tracks** - Play your tracks in a random order.

## Transferring music onto your phone

The easiest way to transfer music onto your phone is via Bluetooth or the data cable.

To transfer music using Bluetooth:

- 1 Make sure both devices have Bluetooth switched on and are connected to each other.
- 2 Select the music file on the other device and select send via Bluetooth.

3 When the file is sent, you will have to accept it on your phone by touching **Yes**.

4 The file should appear in **Music > All tracks**.

## Managing files

You can store multimedia files in your phone's memory so you have easy access to all your pictures, sounds, videos and games. You can also save your files to a memory card. Using a memory card allows you to free up space in your phone's memory.

By touching **My stuff**, you can open a list of the folders that store all your multimedia files.

## Games and Applications

You can download new games and applications to your phone to keep you enjoy.

## Application

### Adding an event to your calendar

- 1 Touch **Calendar**.
- 2 Select the date you would like to add an event to.
- 3 Touch **Add**.

### Setting your alarm

- 1 Touch **Alarms**.
- 2 Touch **Add**, then you can set and save your alarm in this menu.

### Voice recorder

Use your voice recorder to record voice memos or other audio files.

### Using your calculator

- 1 Touch **Calculator** in Multimedia screen.
- 2 Touch the number keys to enter numbers.

## Converting a unit

- 1 Touch **Unit converter** in Application screen.
- 2 Choose whether you want to convert **Currency, Area, Length, Weight, Temperature, Volume or Velocity**.
- 3 Then select the unit and enter the value you would like to convert from.

## PC Suite

You can synchronise your PC with your phone to make sure all your important details and dates match. You can also backup your files to put your mind at ease.

### Installing the LG PC Suite on your computer

- 1 Touch **Settings** and select **Connectivity**.

- 2 Select **USB connection mode** and click **PC Suite**.
- 3 Connect handset and PC via USB cable and wait for a while. Installation guide message will be displayed.
- 4 Follow the instructions on the screen to complete the LG PC Suite Installer wizard.
- 5 Once installation is complete, the LG PC Suite icon will appear on your desktop.

 **WARNING:** Do not disconnect your phone during the transfer.

## The web

**Browser** gives you a fast, full-colour world of games, music, news, sport, entertainment and loads more, straight to your mobile phone. Wherever you are and whatever you're into.

## Accessing the web

- 1 Touch the **Browser**.
- 2 To go straight to the browser home page, select **Home**. Alternately, select **Enter address** and type in the URL, followed by **Connect**.

**NOTE:** You will incur extra cost by connecting to these services and downloading content. Check data charges with your network provider.

## Access to Yahoo! Search

You can launch yahoo services in this application. Touch Yahoo! Search in the Multimedia screen.

# Settings

## Personalising your profiles

You can quickly change your profile by touching the Multimedia screen.

You can personalise each profile setting using the settings menu.

- 1 Touch **Profiles**.
- 2 Choose the profile you want to edit.
- 3 You can then change all the sounds and alert options available in the list, including your Ringtone and Volume, Message tone settings and more.

## Changing your phone settings

Use the freedom of adapting the LG Flick to your own preferences.

From the home screen, select  then **Settings**.

## Using memory manager

From the home screen select  then scroll to **Settings > Device Settings > Memory Info**.

## Changing your connectivity settings

Your connectivity settings have already been set up by your network operator, so you can enjoy your new phone immediately. To change any settings, use this menu: **Settings > Connectivity**

## Sending and receiving your files using Bluetooth

To send a file:

- 1 Open the file you want to send, typically this will be a photo, video or music file.
- 2 Choose **Send**. Choose **Bluetooth**.
- 3 If you have already paired the Bluetooth device, your LG Flick will not automatically

search for other Bluetooth devices. If not, your LG Flick will search for other Bluetooth enabled devices within range.

- 4 Choose the device you want to send the file to.
- 5 Your file will be sent.

### To receive a file:

- 1 To receive files, your Bluetooth must be both **ON** and **Visible**. See **Changing your Bluetooth settings** below for more information.
- 2 A message will prompt you to accept the file from the sender. Touch Yes to receive the file.
- 3 You will see where the file has been saved. For image files, you can choose to **View** the file. Files will usually be saved to the appropriate folder in **My stuff**.

### Changing your Bluetooth settings:

Touch **Bluetooth** in the **SETTINGS** tab. And select  and choose **Settings**.

## Pairing with another Bluetooth device

By pairing your LG Flick and another device, you can set up a passcode protected connection.

- 1 Check that your Bluetooth is **ON** and **Visible**. You can change your visibility in the **Settings** menu.
- 2 Touch **Search**.
- 3 Your LG Flick will search for devices. When the search is completed, **Refresh** will appear on screen.
- 4 Choose the device you want to pair with and enter the passcode, then touch **OK**.
- 5 Your phone will then connect to the other device, on which you will need to enter the same passcode.
- 6 Your passcode protected Bluetooth connection is now ready.

# Accessories

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

**Charger**



**Stereo headset**



**Battery**



**Data cable**



## **NOTE**

- Always use genuine LG accessories.
- Failure to do this may invalidate your warranty.
- Accessories may vary in different regions.

# Technical data

## Ambient Temperatures

**Max.:** +55°C (discharging) +45°C (charging)

**Min.:** -10°C

# 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 91 before using your phone.

## Safety Information

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

- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
- Never place your phone in a microwave oven as it will cause the battery to explode.
- Do not dispose of your battery by fire or with hazardous or flammable materials.
- Make sure that no sharp-edged items come into contact with the battery. There is a risk of this causing a fire.
- Store the battery in a place out of reach of children.
- Be careful that children do not swallow any parts such as rubber plugs (earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation.
- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.
- Do not use a hand-held phone while driving.
- Do not use the phone in areas where its use is prohibited. (For example: aircraft).
- Do not expose the battery charger or adapter to direct sunlight or use it in places

## For Your Safety

- 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 shortcircuit 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.
- 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.

## 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

copyrightprotected data.



## 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

## For Your Safety

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 bodyworn operations with the back of the phone kept 2cm (0.79 inches) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 2cm (0.79 inches) must be maintained between the user's body and the back of the phone. Third-party beltclips, holsters, and similar accessories containing metallic components should not be used.

Body-worn accessories that cannot maintain 2cm (0.79 inches) 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 20cm (8 inches) 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](http://www.fcc.gov)

## **FCC Part 15 Class B Compliance**

This device and its accessories comply with part 15 of FCC rules and ICES-003 Class B digital apparatus requirements for Industry Canada.

Operation is subject to the following two conditions:

This device and its accessories may not cause harmful

interference, and (2) this device and its accessories must accept any interference received, including interference that may cause undesired operation.

## **Cautions for Battery**

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

## **Battery Disposal**

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

## **Adapter (Charger) Cautions**

- Using the wrong battery charger could damage your phone and void your warranty.

## For Your Safety

- 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.

**NOTE!** Excessive sound pressure from earphones can cause hearing loss.

# Safety Guidelines

## 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 Commission (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

The design of your phone complies with the FCC

# Safety Guidelines

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.

## Safety Guidelines

Your physician may be able to assist you in obtaining this information.

### 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 body 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.

## **Battery Information and Care**

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

## Safety Guidelines

- 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 web sites, and data connectivity kits affect and may reduce 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.
- 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.

## Safety Guidelines

- 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 phone is close to your ears.

## 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 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

## Safety Guidelines

exposure to the user that is not necessary for device function; and

- Cooperate in providing 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 cannot be repeated in other laboratories. A few animal

## Safety Guidelines

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

## Safety Guidelines

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

### **7. How can I find out how much 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

## Safety Guidelines

a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

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

If there is a risk from these products - and at this point we do not know that there is - it is probably very small.

But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless

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

### **10. What about children using wireless phones?**

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower

exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments 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

## Safety Guidelines

has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a 'compatible' phone and a 'compatible' hearing aid at the same time. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

### **12. Where can I find additional information?**

For additional information, please refer to the following resources:

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

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

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

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

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

## 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
2. Because in some provinces you must use handsfree device by law? 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.

so you can use the speed dial function without taking your attention off the road.

## Safety Guidelines

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. Because in some provinces you cannot dial while driving? 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 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.ctia.org](http://www.ctia.org)

## Safety Guidelines

### 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 all persons, regardless of age and health. The exposure

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

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

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted

requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1,21 W/kg and when worn on the body, as described in this user's manual, is 1,00 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 BEJ T320G

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.ctia.org>

\* 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 BEJT320G ,  
IC ID: 2703C-T320G

# 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 MERCHANTABILITY, 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 MERCHANTABILITY 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-LG-Canada (1-888-542-2623)  
[www.lg.com/ca](http://www.lg.com/ca) (see links to "Support > Mobile phone support")



**LG** Electronics Canada Inc.  
Mississauga, Ontario