

ILG Banter | Quick Reference Guide

Some of content in this user guide may be different from your phone depending on the software of the phone or your service provider. Features and specifications might be subject to change without prior notice.



ENGLISH

Bluetooth QD ID B014981

Visit http://ca.lgservice.com/index_b2c.jsp for the User Guide fully illustrated on how to use your phone.

P/N: MSAB0030501 (1.0) H

Receiving Calls

- 1. When the phone rings or vibrates press to answer a call.
- If you press or the side keys while the phone is ringing, the ringing or vibration is muted for that call.
- 2. Press to end the call.

Bluetooth[®]

The LG Banter is compatible with devices that support the Bluetooth® headset and hands-free profile(s). You may create and store 20 pairings within the LG Banter and connect to one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 30 feet (10 meters).

- Read user guide of each Bluetooth accessory that you are trying to pair with your phone as instructions may differ.
- > The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by LG Electronics is under license. Other trademarks and trade names are those
- > Your phone is based on the Bluetooth® specification, but it is not guaranteed to work with all devices enabled with Bluetooth® wireless technology.

Getting Started With Your Phone

Installing the Battery

1. Remove the battery cover by sliding it upward. Align the battery with the terminals near the bottom of the phone. Align the battery cover then slide it downward until it clicks into place.



Removing the Battery

- 1. Turn off the phone, then push the battery cover from down to up as shown
- 2. While holding the battery cover, lift and remove the battery cover.
- 3. Lift the top of the battery out using the fingertip cutout, then remove it.

Charging the Battery

Warning!

> Use only the charger provided with the phone. Using any charger other than the one included with the LG Banter may damage vour phone or battery.

- 1. Plug the end of the adapter into the phone's charger port and the other end into an electrical outlet.
- 2. The charge time varies depending upon the bat-



Please make sure that the LG logo faces down before inserting a charger or data cable into the charger port of your phone.

Entering Text With the QWERTY® Keyboard

Your phone features a slide-out QWERTY keyboard, specifically designed for easy and comfortable text entry. The QWERTY keyboard uses the same layout and works just like the keyboard on your computer. The easiest way to enter text is using your thumbs to type on the QWERTY keyboard.



To enter text with the QWERTY keyboard:

- 1. In a text entry screen, slide open the QWERTY keyboard. (The display automatically adjusts to landscape mode.)
- 2. Use your thumbs to enter text.
- > To change capitalization, press
- > To enter alternate characters on a key, press [FN] and then press the key. To lock the function key (as when entering a series of numbers), press (FN) twice.
- To enter symbols, press and select a symbol.
- For additional text entry options, including Symbols and 123, press Left Soft Key and select an option.

How to Use Menus

This section provides a quick glance of features on your phone.

Contacts Menu 1

The Contacts Menu allows you to store names, phone numbers and other information in your phone's memory

New Contact / Contact List/ Groups/ Speed Dials/ My Name Card

Call History Menu 2

The Call History Menu is a list of the last phone numbers or Contact entries for calls you placed, accepted, or missed. It's continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the

Missed Calls/ Received Calls/ Dialed Calls/ All Calls/ View Call Timers

Messaging Menu 3

Allows you to view the number of new voice messages recorded in the Voicemail Voicemail box. Once you exceed the storage limit, old messages are overwritten. When you have a new voice message, your phone will alert

Create Message

Allows you to send messages (Text, Picture, Video, and Voice). Each message has a destination (Address) and information (Message). These are dependent upon the type of message you want to send. You can also attach files to your messages including pictures, videos, sounds, and

Inbox The phone alerts you in 3 ways when you receive a Message. E-mail Allows you to send an email via Mobile Web.

Instant Messaging

Allows you to send and receive an Instant Message at any time.

Depending on the content and size of your messages, you can save up to 200 Sent messages. This menu lists your Sent messages. Use it to verify whether the transmission was successful or not and view message

Drafts Displays draft messages.

Web Alerts

Short Codes

Using shortcode, the user can get useful information such as weather,

Music

LG Banter comes equipped with a Music Player with many features. This Menu also allows you to transfer songs stored in your memory card. For the availability of this feature, there should be stored music in your memory card.

Phone Overview

Displays me

LCD Screen

Left Soft Key

Speakerphone Key

Alphanumeric Keypad

Volume Control -

Camera Kev

Allows you to access the

Pictures menu with the press

of a button in standby mode.

TALK Key

s messages and indicator icons.

1. All Songs ((5 kl , 18 , 18)

Use 🗘 to select the music file and press Play to play or the Right Soft Key — Options

Add to Playlist/ Delete/ Information/ Delete Multiple (Selective/ All)

or (When playing music)

Repeat (Repeat Off/ Repeat One/ Repeat All) Shuffle (On/ Off)

2. Playlists (OK 5 jkl , 1 2 , 2abc) Allows you to create and listen to Playlists.

Press the Left Soft Key 🖃 New to create a new playlist or press Right Soft Key Options for the following options:

Create Playlist/ Import M3U file

3. Recently Played (OK, 5 jkl, 1 &, 3 def) Allows you to view the most recently played

Use to highlight the recently played songs. Then press Rlay to play or the Right Soft Key = Clear to clear the list.

4. Artists (OK . 5 jkl , 1 2 , 4ghi)

Allows you to view and listen to your music by Artists.

press to view the songs in your collection by that Artist

Allows you to view the most recently played

Use 🗘 to select the Genre to view and

6. Albums (OK , 5 jkl , 1 & , 6 moo)

Allows you to take sharp, high-resolution digital pictures.

Navigation Keys

Right Soft Key

Center Soft Key

2.5mm Headset Jack

microSD™ Memory Card

Jumptap Key Charger/Accessory Jack

END Key

BACK/Keyguard mode Key

Allows you to connect optional accessories, such as a USB cable and connects

the phone to the phone charger.

Use 🗘 to select the artist to view and

5. Genres (WK, 5 jkl, 1 & , 5 jkl) songs.

Allows you to view the most recently played

Use 🔘 to select the Album and press to view the songs from that Album.

Wireless Web Menu 4

The Wireless Web feature allows you to view Internet content, especially designed for your mobile phone. Access and selections within this feature are dependent upon your service provider. For specific information on Wireless Web access through your phone, contact your service provider.

- Browse and search the World Wide Web via web pages especially designed for wireless
- Set bookmarks to directly access your favorite sites.
- Retrieve information, such as stock quotes and flight schedules from the Internet.

Music & media allows you to do more than just talk on your phone. Music & media is a technology and service that allows you to download and use applications on your phone. With Music & media, it's quick and easy to personalize your phone to your lifestyle and tastes. Just download the applications that appeal to you. With a wide range of software available, you can be assured that you can find something useful, practical, or entertaining.

Music/ Camera/ Pictures/ Ringtones & Sounds/ Memory Info

Turning the Phone On and Off

Turning the Phone On

- 1. Install a charged battery or connect the phone to an external power source.
- 2. Press for a few seconds until the LCD screen lights up.

Turning the Phone Off

1. Press and hold until the display turns off.

Making Calls

- **1.** Make sure the phone is turned on. If not, press for about 3 seconds.
- 2. Enter the phone number (include the area code if needed).
- **3.** Press . If the phone is locked, enter the lock code.

-) By default, the lock code/password is the last 4 digits of your phone number. You can change this code/password in Security menu.
- If the phone is restricted, you can only dial phone numbers saved in the Emergency Numbers or your Contacts. To turn off this function: Settings -> Security -> Enter Lock Code -> C Allow All -> MENU OK

4. Wireless Web

3. Music & Media

1. Music

2. Camera

3. Pictures

6. Search

4. Ringtones & Sounds 5. Memory Info

. Search the Web

2. Find Ringtones &

1. Launch Web

2 Bookmarks

3. Go to Site

4. My Menu 5. Alarm Clock

7. Ez Tip Calc

0 World Clock

#. Unit Converter

1. Sound Settings

Display Settings
 Keyguard Timer

4. Security
5. Call Settings
6. PC Connection

7. System 8. Memory 9. Games & Apps

6. Calendar

Notepad
 Calculator

9. Settings

4. Press **1** to end the call.

Menus Overview

1. Contacts 1. New Contact

2. Contact List 3. Groups 4. Speed Dials 5. My Name Card

2. Call History

1. Missed Calls

 Received Calls
 Dialed Calls 4. All Calls
5. View Call Timers

3. Messaging

. Voicemail 2. Create Message

3. Inbox 4. E-mail

6. Sent7. Drafts

8 Web Alerts 9. Short Codes

Menu Access

7. Games & Apps 1. Games 5. Instant Messaging 2. Apps

8. Tools

Press the number key that corresponds to the submenu

1 Bluetooth Meni Voice Recorder 3. Voice Command

Search Menu 6

Allows you to search and purchase from a variety of content provided by your service

Search the Web/ Find Ringtones & Wallpapers

Games & Apps Menu 7

Allows you to download games and applications from the Music & media server. Choose the software you want from the list displayed on the screen.

Tool Menu 8

Bluetooth Menu/ Voice Recorder/ Voice Command/ My Menu/ Alarm Clock/ Ez Tip Calc/ Notepad/ Calculator/ World Clock/ Stopwatch/ Unit Converter

Settings Menu 9

The Settings Menu has options to customize your phone.

Sound Settings/ Display Settings/ Keyguard Timer*/ Security/ Call Settings/ PC Connection**/ System/ Memory/ Games & Apps/ Phone Info

- * The Auto Keyguard setting applies only when the flip is closed.
- ** When you connect your phone to a PC with USB cable, the phone screen displays USB Mode menu allowing you to enter Mass Storage, Phone As Modem or Print.

☐ Important Safety Precautions and Warranty Information

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

WARNING! Violation of the instructions may cause serious injury or death.



- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to
- Never place your phone in a microwave
 - oven as it will cause the battery to explode. Never store vour phone in temperature
 - less than -4°F or greater than 122°F.
 - Do not dispose of your battery by fire or with hazardous or flammable materi-



- When riding in a car, do not leave you phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is deployed, you may be seriously injured.
- Do not use a hand-held phone while



Do not use the phone in areas where its use is prohibited. (For example: aircraft, hospital)



Posted Facilities

Blasting Areas

☐ Safety (Continued)

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

RF signals may affect improperly installed or inadequately shielded elec-tronic systems in motor vehicles. Check with the manufacturer or its

representative regarding your vehicle. You should also consult the man ufacturer of any equipment that has been added to your vehicle.

your phone OFF in any facility where posted notices so requir

Aircraft
FCC and Transport Canada regulations prohibit using your phone while
in the air. Switch OFF your phone before boarding an aircraft.

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" 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

interstations); below deck of bods; just or trientical dataser or stopped facilities; welfielse 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 not mally 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 improperly installed and the air bag inflates, serious injury could result.

Charger and Adapter Safety

The charger and adapter are intended for indoor use only.

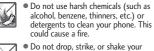
Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.

Please dispose of your battery properly or take it to your local wireless carrier for recycling.
 Do not dispose of your battery by fire or with hazardous or flamma-

Battery Information and Care

☐ Safety (Continued)







- phone severely. It 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 electric shock or fire.
- 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.

Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to epiode.

The battery does not need to be fully discharged before recharging.
Use only IC-approved chargers specific to your phone model since they are designed to maximize battery life.

Do not disassemble or shortcircuit the battery.

Keep the battery's metal contacts clean.

e the battery when it no longer provides acceptable perform-The battery can be recharged several hundred times before

echarge the battery after long periods of non-use to maximize bat-

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's guide in an accessible place at all the times after reading it.

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

• Make sure that no sharp-edged items such as animal's teeth, nails, come into contact with the battery. There is a risk of this causing a

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

may cause an electric shock or seriously damage your phone.

Do not drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.

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.

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.

electric stock.

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

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.

e. o not handle the phone with wet hands while it is being charged. It

Safety Information

Explosion, Shock, and Fire Hazards



- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric
- Do not hold or let the antenna come in contact with your body during a call.



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



- Store the battery out of reach of children
- Be careful that children do not swallow any parts. This could cause asphyxiation or suffocation resulting in serious injury or death.



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



 Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the

☐ Safety (Continued)

- the receptacle when not in use.

 On ont short-circuit the battery, Metallic articles such as a coin, papercilip 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
- ever place your phone in a microwave oven as it will cause the bat-

General Warnings and Cautions

- Only use the batteries, antennas, and chargers provided by LG. The warranty will not be applied to products provided by other suppliers of Store the battery in a place out of reach of children.

 Using a damaged battery or placing a battery in your mouth may

- example: aircaft)

 30 not immesse 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 I.O authorized Senvice Center. It is a considerable of the phone does not work, take it to an I.O authorized Senvice Center.

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

ing! Important Safety Information

Avoiding hearing damage
Permanent hearing loss may occur if you use your phone and/or head
set at a high volume. Set the volume to a safe level. You can adapt
over time to a higher volume of sound that may sound normal but can over time to a inginer vousine of sound trait may sound norma but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The load erries when the state in series required before your hearing could be affected. Hearing experts suggest that to protect your hearing. It is not a amount of time you use your phone and/or headest at

• Your service provider programs one or

more emergency phone numbers, such

as 911, that you can call under any cir-

cumstances, even when your phone i

locked. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emer-

gency call cannot be placed due to net-

work, environmental, or interference

- high volume.

 Avoid turning up the volume to block out noisy surroundings.

 Turn the volume down if you can't hear people speaking near yo For information about how to set a maximum volume limit on your phone, see the features guide for your phone.

Using your phone safely Use of your phone while operatin illegal in some areas. Po service

sing your prione salety se of your phone while operating a vehicle is not recommended and a gall in some areas. Be careful and attentive while driving. Stop using your phone if you find it disruptive or distracting while operating any pe of vehicle or performing any other activity that requires your full

FDA Consumer Update
The U.S. Food and Drug Administration's Center for Devices and
Radiological Health Consumer Update on Mobile Phones:

1. Do wireless phones pose a health hazard?

- 1. Do writeses prolones pose a neartin mazaror
 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 radiofrequency energy (RF) in the microwave range
 while being used. They also emit very low levels of RF when in the
 Main Menu Screen. 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 uncreated that some biological
 effects some studies have uncreated that some biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional search. In some cases, other researchers have had difficulty in producing those studies, or in determining the reasons for inconsis
- 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 These types of wireless phones can expose the user

☐ Safety (Continued)

ting 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 radiofrequency 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 activities receiffed risk do not intiff; FDA regulators. Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a

☐ FCC Part 15 Class B Compliance

☐ Industry Canada Compliance

☐ FCC RF Exposure Information

es and these international standards

☐ Bodily Contact During Operation

WARNING! Read this information before operating the phone.

emissions Canada.

□ Caution

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 causes undesired operation.

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 entitled by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by U.S. Canada and international standards bodies. The design of this phone complies with the FCC

This device was tested for typical use with the back of the phone kept 0.6 inches (1.5 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.6 inches (1.5 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 0.6 inches (1.5 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

A minimum separation distance of 8 inches (20 cm) 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.

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 in contact with the skin a minor burn may result. Contact your local dealer for a replacement antenna.

☐ Vehicle-Mounted External Antenna (Optional, if available.)

This phone complies with Industry Canada RSS 133. This phone complies with the Class B limits for radio noise emissions as set out in the interference causing standard entitled "Digital Apparatus" (ICES-003) of Industry

- number of steps, including the following:

 Support needed research into possible biological effects of RF of the type emitted by wireless phones.
- 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 safely 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
- The National Institutes of Health participates in some interagency working group activities, as well. The FDA shares regulatory respon bilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States 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? with built-in antennas, often called "cell", "mobile", or "PCS" phone

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 draslocated at greater obstances from the user, the exposure to N + is drast tically lower because a person SF 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 expo-sures far below the FCC safety limits.

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

many studies have suffered from flaws in their research methods many sucues nave suncer domi make at their research interiors.

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 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 develop ment used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF eposure. Other studies exposed the ani-mals 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 since December 2000. Detween them, the Submes 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 long-term exposures, since the average per od of phone use in these studies was around three v

5. What research is needed to decide whether RF exposur

. What research is needed to declare whether it exposure from wireless phones poses a health risk of the from wireless phones poses a health risk of the people actually using wireless phones would provide some of the data that are needed. Iffetime animal exposure studies could be com-

■ Safety

ICNIRP (1996)

Antenna Care

Phone Operation

Exposure to Radio Frequency Signal

Health Canada, Safety Code 6, 1999.

the phone and may violate FCC regulations

or your phone to operate most efficiently:

Tips on Efficient Operation

FCC guidelines, IC Regulations (and those standards).

Use only the supplied or an approved replacement antenna

Your wireless handheld portable phone is a low power radio transmitter

Frequency (RF) signals. In August, 1996, the Federal Communications

• Health Canada, Safety Code 6, 1999.
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). The design of your phone complies with the

nauthorised antennas, modifications, or attachments could damage

NORMAL POSITION: Hold the phone as you would any other telenhone with the antenna pointed up and over your shoulde

and receiver. When it is ON, it receives and also sends out Radio

held phone

TIA/Teleco Industry Association) Safety Information The following is the complete TIA Safety Information for wireless hand

driving, please observe the following:

• Give full attention to driving -- driving safely is your first responsibil-

- Use hands-free operation, if available;
 Pull off the road and park before making or answering a call if driv.

ing conditions or the law so require.

Electronic Devices Most modern electronic equipment is shielded from RF signals. However, 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 certain electronic equipment may not be shielded against the RF signals

Pacemakers

from your wireless phone

The Health Industry Manufacturers Association recommends that a min imm reparation of six inches be amutationed between a handheld wire-less phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independ-ent research by and recommendations of Wireless Technology Research.

- Persons with Pacemakers:

 Should AUWAYS 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 company.

- tial for interference;
 Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

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 (or call the customer service line to discuss alternatives.) Optional for each phone manufacturer.

Other Medical Devices If you use any other personal medical device, consult the manufacturer

of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this infor-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.

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 facili-Check the laws and regulations on the use of ireless phones in the areas ties may use equipment that could be sensitive to external RF energy.

☐ Safety (Continued)

peled 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 stud-ies is hampered by difficulties in measuring actual RF exposure during dayl-to-day use of wireless phones. Many factors affect this measure-ment, such as the angle at which the phone is held, or which model

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

sible 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 noid frequency energy (RF). The FDA has been a leading participant in the World Health Organization intermational 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 yearch programs around the world I he project has ment of new research programs around the world. The project has also helped develop a series of public information documents on E 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 perts in government, industry, and academic organizations. CTIAfunded research is conducted through contracts with independent investigators. The initial research will include both laboratory studi and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the

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 radio fre ency energy (RF) exposures. The FCC established these guidelines consultation with the FDA and the other federal health and safety

agencies. The ECC limit for RE exposure from wireless telephones in agentues. The PCL minit on Nr exposure from whereas 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 vireless phone and is set well below levels known to have effects whereas priorie and is set well network even known to have effects.

Manufactures 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 first priority of the priority 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 radio frequency

1. What has the FDA done to measure the radio frequency energy coming from wireless phones? The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radio frequency 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 (Sept. 1997). Specific Absorption Rate (SAR) in the Human Body Due to Wireless Specific Absorption Nate (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 tissue-simulating 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 guideline

9. What steps can I take to reduce my exposure to radio

frequency 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 con know that there is — it is probably very strain, but it you are cubic cerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives,

Warranty Information

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 pur-
- (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) If the carrier's or manufacturer's Customer Service Centre was not notified by the 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.

- (1) This limited warranty is in lieu of all other warranties, express 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 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. 1-888-542-2623

LG Flectronics Canada, Inc. Customer care center:

550 Matheson Blvd East Mississauga, ON L4Z 4G3

1-888-LGCanada

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1. What about wireless pnone interference with medical equipment? Radio frequency 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 tele-

10. What about children using wireless phones?

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

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

phones. 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 manufactu The limit utility, a joint leaf to by direct to be, included use the manufacture ers, and many other groups, was completed in late 2000. This stan-dard 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 nearing ais for interretiner from fannine wheels 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 "com-patible" 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 occu the FDA will conduct testing to assess the interference and work to

12. Where can I find additional information? For additional information, please refer to the following resource ications Commission (FCC) RF Safety Program rederal Communications Commission (FCC) Rr Safety Program (http://www.fcc.gov/oet/rfsafety)
International Commission on Non-lonizing Radiation Protection (http://www.icnirp.de) World Health Organization (WHO) International EMF Project (http://www.who.int/peh-emf/en/) National Radiological Protection Board (UK)

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 cor

nected to a remote antenna. Again, the scientific data do not demon-strate 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

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

(http://www.hpa.org.uk/radiation/)

FDA web page on wireless phones (http://www.fda.gov/cellphones/)

■ Safety (Continued) Consumer Information on SAR

This mouse rhone meets the Covernment's nequirements for Exposure to Radio Waves. Your wireless phone is a radio transmitter and receiver It is designed and manufactured not to exceed the emis-sion limits for exposure to adiofrequency (RF) energy set by the Fore Communications Commission (FCC) of the U.S. Covernment. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and ment (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy. The exposure Limit for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR is a measure of the rate of absorp-Absorption Nate, or SAM. The SAM is a measure of the rate of absorp-tion of RF energy by the human body expressed in units of watts per kilogram (WAg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 WAg). The FCC exposure limit incorporates a substantial margin of safety to give additional pro tection to the public and to account for any variations in measurement 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

at the ingliest Certified power level, use extend shot keep on the pilote-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 test ed and certified to the FCC that it does not exceed the limit established by the governmentadopted requirement for safe exposure. The tests are by the governmentauopueu requirement in or sate 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. This device was tested for typical body-worn operations with the back of the phone kept 0.79 inches (2.0 cm) between the user's body and the back of the phone. To

comply with FCC RF exposure requirements, a minimum separation dis

tance of 0.79 inches (2.0 cm) 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 0.79 inches (2.0 cm) sep-aration 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. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF

To find information that pertains to a particular model phone this site to find information that pertains to a particular model prone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecon inications Industry Association (CTIA

tional protection for the public and to account for any variations in

sories containing metallic comp (Specific Absorption Rate) This Model Phone Meets the Government's Requirements for

with all reported SAK levels evaluated as in compliance with the FCC. He emission guidelines. The highest SAR value for this model phone when tested for use at the ear is 1.51 W/kg and when worn on the body, as described in this user's manual, is 1.10 W/kg. While there may be differ ences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. SAR infor-mation on this model phone is on file with the FCC and can be found water the Division Construction of Material Processing and the field of the formation or this model phone is on the word of the formation of the field of th

under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID.

website at http://www.ctia.org/
'In the United States and Canada, the SAR limit for mobile phones used by the public is 16 watts/kg (W/kg) averaged over one gram of tissue.
The standard incorporates a substantial margin of safety to give addi-

Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other

Do not blace or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire. If you put your phone in a pocker or bag without rowing the receptacle of the phone (power plug pin), metallic articles (such as which maperclip or pen) may short-circuit the phone. Always cover

- tery life will vary due to usage patterns and environmental condibuse of extended backlighting, MiniBrowser, and data connectivity kits affect battery life and talk/standby times.

- magnetic strip.

 Do not hold or let the antenna come in contact with your body dur-
- Do not hold or let the antenna come in contact with your poop vuring a call.

 This provides the state of the