



LG *Bliss*™

USER GUIDE

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

P/N : MMBB0345401 (1.0) **W** LG-UX700

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property of their respective owners.*

Important Safety Precautions

Read these instructions. 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.*



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



2. Never place your phone in a microwave oven as it will cause the battery to explode.
3. Never store your phone in temperatures less than -4°F or greater than 122°F .
4. Do not dispose of your battery by fire or with hazardous or flammable materials.



5. 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 deployed, you may be seriously injured.



6. Do not use a hand-held phone while driving.
7. Do not use the phone in areas where its use is prohibited. (For example: aircraft)

Important Safety Precautions



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



2. Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.



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



4. Do not use your phone in high explosive areas as the phone may generate sparks.



5. 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.



6. 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.



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

8. Do not disassemble the phone.



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



3. 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.
4. Store the battery out of reach of children.



5. 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 resulting in serious injury or death.



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



7. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.
8. Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.



9. Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

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Welcome

Thank you for choosing the LG *Bliss*™ cellular phone designed to operate with the latest digital mobile communication technology, Code Division Multiple Access (CDMA). Along with the many advanced features of the CDMA system, such as greatly enhanced voice clarity, this compact phone offers:

- Music capability and microSD™ card slot.
- Significantly enhanced voice clarity.
- Slim and sleek design with internal antenna (Internal antenna described as antenna throughout this user guide).
- Large, easy-to-read, 8-line backlit LCD with status icons.
- Paging, messaging, voice mail, and caller ID.
- 7 physical keys, a Touch Screen and an on-screen QWERTY keypad.
- Speakerphone feature.
- 2.0 Mega pixels camera
- Menu-driven interface with prompts for easy operation and configuration.
- Any key answer, auto answer, auto retry, one-touch and speed dialing with 99 memory locations.
- Bilingual (English and Spanish) capabilities.
- Bluetooth® wireless technology.

Note

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 of their respective owners.

Technical Details

Important Information

This user's guide provides important information on the use and operation of your phone. Please read all the information carefully prior to using the phone for the best performance and to prevent any damage to or misuse of the phone. Any unapproved changes or modifications will void your warranty.

FCC Part 15 Class B Compliance

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

Technical Details

The LG *Bliss*™ is an all digital phone that operates on both Code Division Multiple Access (CDMA) frequencies: Cellular services at 800 MHz and Personal Communication Services (PCS) at 1.9 GHz.

CDMA technology uses a feature called DSSS (Direct Sequence Spread Spectrum) that enables the phone to keep communication from being crossed and to use one frequency channel by multiple users in the same specific area. This results in a 10-fold capacity increase when compared with analog mode. In addition, features such as soft / softer handoff, hard handoff, and dynamic RF power control technologies combine to reduce call interruptions.

The Cellular and PCS CDMA networks consist of MSO (Mobile Switching Office), BSC (Base Station Controller), BTS (Base Station Transmission System), and MS (Mobile Station).

Technical Details

* TSB-74: Protocol between an IS-95A system and ANSI J-STD-008

Its battery life is twice as long as IS-95. High-speed data

transmission is also possible.

The following tab lists some major CDMA standards.

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps radio link protocol and inter-band operations IS-95 adapted for PCS frequency band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS/651 TIA/EIA/IS-41 -C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem operations Non-signaling data comm.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data
1x EV-DO Related interface	TIA/EIA/IS-856 TIA/EIA/IS-878 TIA/EIA/IS-866 TIA/EIA/IS-890	CDMA2000 High Rate Packet Data Air Interface 1xEV-DO Inter-Operability Specification for CDMA2000 Access Network Interfaces Recommended Minimum Performance Standards for CDMA2000 High Rate Packet Data Access Terminal Test Application Specification (TAS) for High Rate Packet Data Air Interface

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.79 inches (2.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2.0 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 0.79 inches (2.0 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.

Technical Details

Vehicle-Mounted the External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user / bystander and vehicle-mounted the external antenna. For more information about RF exposure, visit the FCC website at www.fcc.gov.

FCC Notice and Cautions

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.

Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment. Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations.

Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local dealer for a replacement antenna.

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

Part 15.19 statement

This device and its accessories comply with part15 of FCC rules. Operation is subject to the following two conditions:

- (1) This device & its accessories may not cause harmful interference.
- (2) This device & its accessories must accept any interference received, including interference that may cause undesired operation.

Part 15.21 statement

Change or Modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Technical Details

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

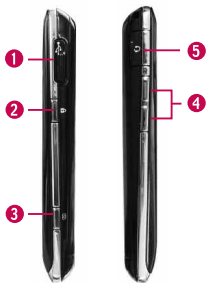
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.


Phone Overview



1. **Earpiece** Lets you hear the caller.
2. **LCD Screen** Displays incoming calls, messages and indicator icons as well as viewing a wide variety of content you select to view.
3. **SEND Key** Use to place or answer calls.
4. **Microphone** Lets callers hear you.
5. **PWR/END Key** Use to turn the power on/off and to end a call. Also returns to standby mode.
6. **Clear Key** Deletes single spaces or characters with a quick press, but press and hold to delete entire words. Will also back you out of menus, one level at a time. During a call, press this to activate speaker mode On or Off.
7. **microSD™ card slot** (accommodates optional microSD™ card up to 16GB.) Insert microSD™ card for external memory. Use LG-approved microSD™ card. To access the microSD™ card slot you must remove the battery cover located on the back of your phone.
8. **Camera Lens** Used to take photos and record video. Keep it clean for optimal photo quality.

Phone Overview




1. **Charger Port** Connects the phone to the battery charger or other available accessories.
2. **Lock Key** Use to lock your phone. Once locked, press again to unlock or touch .
3. **Side Camera Key** Use for quick access to the Camera function.
4. **Side Keys** Use to adjust the ringer volume in standby mode and the earpiece volume during a call.
5. **Earphone Jack** Allows the use of a headset for calling or headphones for music.

Touch Sensitive Soft Keys



1. Make sure your hands are clean and dry. Remove moisture from the surface of your hands. Don't use the touch keys in a humid environment.
2. Touch key sensors are sensitive to your light touch. You don't need to press them forcefully to use them. Protect your phone from severe impact because touch key sensors may become damaged from harsh use.

3. Use the tip of your finger to touch the center of a touch key. If you touch off-center it may activate the nearby function instead.
4. The Touchscreen Effect levels can be adjusted to your preference.
5. When the LCD backlight is off, the Touch Sensitive Touch Keys are deactivated. Press the Lock Key () to turn on the Touch Screen and LCD backlight.
6. Keep metal and other conductive material away from the surface of touch keys because contact may cause electronic interference.

WARNING

- Do not put heavy objects on the Touch Screen.
- Do not sit on your phone because it may damage the Touch Screen.
- Do not drag or scratch your phone with any sharp materials.
- Do not keep your phone in extreme conditions (places that are too humid, hot, or cold).
- Keep chemicals away from your phone because they may change the cosmetic or functional features of your phone.

Phone Overview

The Touch Screen is a great way to interact with the LG *Bliss*™'s software. Take a little time to become accustomed to using it. If it doesn't react as you expect, adjust the Touch Screen calibration.

TIP Keep in mind that the smaller the text appears on the screen, the smaller the area of touch activation. Try zooming the screen in, if available, to increase the touch area.

Standby Mode Idle Screens

Customize your Touch Screen to have instant access to features you want to keep as close as a single finger touch.

The LG *Bliss*™ has four Standby Mode Idle Screens for quick, direct access to several frequently used device features.

Main: Displays your Clock and/or Date, or the Calendar. Customize your preferences through the Display Settings menu.

Shortcut: Quick access to Analog clock, Timer, Calendar, Quick Note, Help Wizard and other Shortcuts that can be added.

Contacts: Displays favorite Contacts. Touch the contact to add a Photo, make a call, send a message, view it or view the Chat history.

Multimedia: Displays favorite photos, music and videos so you can show them off at a moment's notice without having to search.





Set the features and items you want on each Idle screen and even display different backgrounds for each one.



1. **Message** Displays the Messaging menu.
2. **Call** Displays the Dialing touchpad.
3. **Menu** Displays the Main Menu.
4. **Contacts** Displays your Contact List.

Menus Overview

Menu Access

Touch the MENU  Touch Key to access the phone menus. To access the MENU, first unlock the phone by pressing the Lock key  on the right side of your phone. To return to standby mode, touch  or press  at the bottom center of your phone.



Communicate



Contacts

New Contact

Contact List

Speed Dials

Groups

My Name Card



Recent Calls

Missed Calls

Received Calls

Dialed Calls

All Calls

Call Timer

Data Counter



Messaging

New Text Message

New Picture Message

Inbox

Drafts

Outbox

Voicemail

Templates

Delete All

Delete Inbox

Delete Outbox

Delete Drafts

Delete All
Messages

Message Settings

All Messages

Text Messages

Picture Messages

Voicemail Number



New Text Message



Speed Dials



Browser



easyedge



Your Navigator



Entertainment



Take Photo



Gallery



Record Video



My Stuff

Images

Videos

Audios



Record Voice



Music

Now Playing/
Recently Played

All Songs

Artists

Albums

Genres

My Playlists

Settings

Repeat

Shuffle Songs

Background Music



Tone Room



Games

Dart

Homerun Derby

PAC-MAN

More Games



Utilities



Voice
Command

Start Command

Command Mode

Announce Alert

Train Word

Best Match



Tools

Calculator

Ez Tip Calculator

Unit Converter

Stopwatch



Organizer

Calendar

Date Finder



Calendar

Menus Overview



Alarm Clock



World Clock



Drawing Panel



Notepad



Settings



Sound
Settings

Ringers

All Calls

Caller ID

No Caller ID

Restricted Calls

Shuffle

Volume

Master Volume

Keypad

Earpiece

Speaker

Message Alert

Text Message

Picture Message

Voicemail

All Messages

Message Reminder

Alert Type

Call Alert

Message Alert

Schedule Alert

Alarm Alert

Service Alerts

Minute Beep

Call Connect

Low Battery

Power On/Off Tone



Display
Settings

Wallpaper

Screen

Main

Shortcut

Contacts

Multimedia

Touch Key
Guard

Shuffle

Screen

Repeat

Banner

LCD Settings

Power Save

Backlight

Brightness

Idioms (Languages)

Clock & Calendar

Font Settings

Dial Font Size

Menu Style

Name Match for
Dialing

Call Settings

Answer Options

Auto Retry

One Touch Dial

Voice Privacy

Auto Volume

Airplane Mode

TTY Mode

Touch Settings

Touchscreen
Calibration

Touchscreen Effect

Phone Settings

Auto Touch Lock

Security

Lock Phone

Restrictions

Emergency
Numbers

Change Lock Code

Memory

Handset Common
Memory

Handset Reserved
Memory

External Memory

Primary Storage
Setting

Phone Info

My Number

ESN/MEID

Icon Glossary

Version

Master Reset

System

Network

Location

Bluetooth

USB Connection

USB Connection
Mode

Setting Reminder

Getting Started with Your Phone

The Battery

Note

It is important to fully charge the battery before initial use of the phone.

The phone comes with a rechargeable battery. The battery charge level is shown at the top of the LCD screen.

Installing the Battery

Insert the bottom of the battery into the opening on the back of the phone, then push the battery down until the latch clicks.

Removing the Battery

Turn power off. Slide the battery cover up, then pull the bottom side of the battery up to remove it.

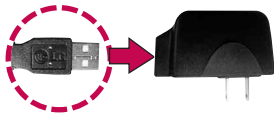
Charging the Battery

Your LG *Bliss*™ device comes with a cableless travel adapter and a USB data cable which connect together to charge your phone. To charge your phone:

Note

Please use only an approved charging accessory to charge your LG phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

1. Connect the cableless wall adapter and USB data cable. When connecting as shown below, the LG logo on the USB cable should face toward you.



2. Gently uncover the accessory charging port, then plug the end of the AC adapter into the phone's charger port and the other end into an electrical outlet.



Notice

Please make sure that the 'B' Side faces up before inserting a charger or data cable into the charger port of your phone.

3. The charge time varies depending upon the battery level.

How to Install Your microSD™ Card

1. Remove the back cover. Press down (lightly) on the bottom side of the cover and slide the cover upwards. Then remove the cover. Locate the microSD™ slot on the top side of the phone.



2. Insert the microSD™ card facing up and push in until it clicks into the slot. If you insert the card in the wrong direction, it may damage your phone or your card.



Getting Started with Your Phone

How to Remove Your microSD™ Card

1. Gently press and release the exposed edge of the microSD™ card to eject it.
2. Remove the microSD™ card from the slot and replace the cover.

Note

Do not attempt to remove the microSD™ card while reading or writing to the card.


Battery Charge Level

The battery charge level is shown at the top right of the LCD screen. When the battery charge level becomes low, the low battery sensor alerts you in three ways: sounding an audible tone, blinking the battery icon, and displaying a warning message.


If the battery charge level becomes exceedingly low, the phone automatically switches off and any function in progress is not saved.

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 about 3 seconds until the LCD screen lights up.




Turning the Phone Off

1. Press and hold  until the display turns off.


Signal Strength




Call quality depends on the signal strength in your area. The signal strength is indicated on the screen as the number of bars next to the signal strength icon . The more bars, the better the signal strength. If the signal quality is poor, move to an open area. If you are in a building, the reception may be better near a window.

Screen Icons

To see the icon glossary, touch  Menu ->  Settings ->  Phone Settings -> Phone Info -> Icon Glossary on your phone.




Making Calls


If the phone is locked, press the Lock Key  on the right side of your phone.

1. Touch  and enter the phone number (include the area code if needed).
2. Press  or touch  Call.

Note





If the phone is restricted, you can only dial phone numbers saved in the Emergency Numbers list or your Contact List. To turn off this function:

 Menu ->  Settings -> 
Phone Settings -> Security -> Restrictions -> Outgoing Calls -> Allow All.


3. Press  to end the call.

Getting Started with Your Phone


Correcting Dialing Mistakes

If you make a mistake while dialing a number, press  or touch  once to erase the last digit entered, or hold down  or touch and hold  for at least 2 seconds to go to standby mode.

Redialing Calls

1. Press  twice to redial the last number you dialed. The most recent (Missed, Received and Dialed) calls in your history list will display. You can select any of these calls to place an outgoing call.

Receiving Calls



1. When the phone rings and/or vibrates, press  to answer.

Tip

Call Settings Menu allows you to choose answer options:

Any Key/ SEND Key Only/ Auto Answer

Note




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.

Quick Access to Convenient Features

Lock Mode

Sets your phone to require a 4-digit password in order to use the phone.



To set lock mode on, touch 
 Menu ->  Settings -> 
 Phone Settings -> Security ->
 Lock Phone -> Touch When
 Switch On or Immediately.

Note

Until you change it, the default lock code/password is the last 4 digits of your phone number.

Speaker Phone Function




This Function is used during a phone call.

Touch  /  to transfer to receiver mode and speaker mode.

Volume Quick Adjustment

Use the side keys to adjust the ringer volume in standby mode, and the earpiece volume during a call. The upper key increases the volume and the lower key decreases the volume.



Note

Keypad Volume is adjusted through the Sounds Volume Menu. ( Menu->  Settings ->  Sound Settings -> Volume -> Keypad).

Call Waiting

Your cellular service may offer call waiting. While a call is in progress, a beep indicates another incoming call. When call waiting is enabled, you may put the active call on hold while you answer the other incoming call. Check with your cellular service provider for information about this function.

Quick Access to Convenient Features

1. Press  to receive a waiting call.
2. Press  again to switch between calls.

Caller ID

Caller ID displays the phone number or name of the incoming call. If the caller's identity is stored in Contacts, the name will appear along with the phone number. Check with your service provider to ensure they offer this feature.

Speed Dialing


Speed dialing is a convenient feature that allows you to make phone calls quickly. A number key can be assigned to a specific phone number. By pressing and holding down a number key, your phone will recall the phone number associated from the Contact List and display it briefly

while simultaneously dialing that phone number for you. Speed Dial Number 1 is set to Voice Mailbox by default and is unchangeable.

Dialing Single Digit Speed Dials (from 2 to 9)

Press and hold the Speed Dial number.


OR

Enter the Speed Dial number and press .

Dialing Double Digit Speed Dials (from 10 to 99)

Press the first digit and then press and hold the key of the second digit.

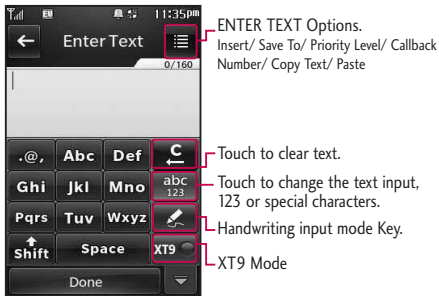
OR

Enter the first and second digits and press .

Entering and Editing Information


Text Input

Each time you touch a data entry field, the Touch Screen automatically displays Touch Keys allowing you to change the input. For example, in a name field, alphabet Touch Keys appear, but you can touch to select and enter numbers instead.



Contacts in Your Phone's Memory

The Basics of Storing Contacts Entries

1. Enter the phone number you want to save (up to 48 digits).
2. Touch .
3. Touch **Save** and select either **Add New Contact** or **Update Existing** on the pop-up screen.
4. Touch a Phone Label.
Mobile1/ Home/ Office/ Mobile2/ Fax

Note

Use **Existing Entry** to add another phone number to a contact already stored in memory.

5. Touch the Name field and enter a name for the phone number (up to characters). Then touch **Done** and **Save**. A confirmation message is displayed briefly.

Phone Numbers With Pauses

When you call automated systems such as voice mail or credit billing numbers, you often have to enter a series of numbers to navigate through the system. Instead of entering these numbers by hand, you can store the numbers in your Contacts separated by special pause characters (W, P). There are two different types of pauses you can use when storing a number:




Wait (W)

The phone stops dialing until you select **Release** to advance to the next number.

Pause (P)



The phone waits 2 seconds before sending the next string of digits.

Storing a Number with Pauses

1. Touch .
2. Touch  **Contacts**.
3. Touch **New Contact**.
4. Enter a name (up to 32 characters) and touch the number field to enter a number.
5. Touch  and select **Wait or 2-Sec Pause**.
6. Enter additional number(s), touch **Done** and then **Save**.

Adding a Pause to an Existing Number

1. Touch .
2. Touch  **Contacts**.
3. Touch **Contact List**.


4. Scroll through the list and touch the Contact entry you wish to edit. Touch .
5. Touch **Edit**.
6. Touch the number.
7. Touch .
8. Touch **Wait or 2-Sec Pause**.
9. Enter additional number(s), touch **Done** and then **Save**.

Searching Your Phone's Memory


The LG *Bliss*™ phone is able to perform a dynamic search of the contents in your phone's memory. A dynamic search compares entered letters or numbers against the entries in your Contacts. A matching list is displayed in descending order. You can then select a number from the list to call or edit.

Contacts in Your Phone's Memory



Scrolling Through Your Contacts

1. Touch  to display your Contacts alphabetically.
2. Scroll through the list.

Searching by Letter

1. Touch  to display your contacts alphabetically.
2. Press (or press repeatedly) the key on the alphanumeric keypad that corresponds with the search letter.

Accessing Options

1. Touch .
2. Touch .
3. Touch one of the following options:

Send Message: Send a text message or picture message to the selected contact.

Delete: Delete the selected entry from your Contacts.



Set Homescreen: Add the selected contact to the Contacts Idle group list.

Send via Bluetooth: Send a contact (Name Card) via Bluetooth®. In case Bluetooth® power is not on, a notice pops up to turn Bluetooth® on.


Delete All: Deletes all of your contacts in the Contact List.

Making a Call From Your Phone's Memory





Once you have stored phone numbers in your Contacts, you can place calls to those numbers quickly and easily.

- By highlighting a phone number in Contacts or Recent Calls, and pressing  or touching .
- By using Speed Dialing.



From Contacts

1. Touch  to display your Contacts.
2. Touch the Contact entry.
3. Touch the phone number.

From Recent Calls

1. Touch .
2. Touch  Recent Calls.
3. Touch the type of recent call.
Missed Calls/ Received Calls/ Dialed Calls/ All Calls
4. Touch the phone number.
5. Touch  Call or press  to place the call.

Speed Dialing

For a single-digit Speed Dial, press and hold the digit or press the digit, then press . For a double-digit Speed Dial, press the first digit and hold the second digit or press the first and second digits, then press .

Using Phone Menus



Communicate



Contacts

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

1. New Contact

Allows you to add a new contact to your Contact List.

Note




Using this submenu, the number is saved as a new Contact. To save the number into an existing Contact, edit the Contact entry.

1. Touch .
2. Touch .
3. Touch **New Contact**.
4. Enter the name.

5. Continue entering Contact information by touching the corresponding field and entering the desired information.
6. Touch **Save** to save new contact.

2. Contact List

Allows you to view your Contact List.



1. Touch .
2. Touch .
3. Touch **Contact List**.
4. Choose from the following options:
 - Scroll through your Contacts alphabetically.
 - Touch  to select one of the following:

Send Message/ Delete/
Set Homescreen/ Send via
Bluetooth/ Delete All

- Scroll up and touch **New Contact** to store new contact information.




3. Speed Dials

Allows you to view your Speed Dials list, designate new Speed Dials, or remove Speed Dial designations entered in your Contacts.

1. Touch .
2. Touch .
3. Touch **Speed Dials**.
4. Touch the desired Unassigned number list.
5. Touch the contact to assign, a confirmation message is displayed.

4. Groups

Allows you to view your grouped Contacts, add a new group, change the name of a group, or delete a whole group.

1. Touch .
2. Touch .
3. Touch **Groups**.
4. Choose from the following options:
 - Touch a group to view.
 - Touch a group, then touch  to choose from the following options:



Send Message/ Rename Group/ Remove from Group/ Group Ringtone/ Send via Bluetooth/ Delete/ Delete All



Communicate

5. My Name Card

Allows you to view all of your personal Contact information including name and phone numbers.

1. Touch .
2. Touch .
3. Touch **My Name Card**.
4. Touch **Edit**.
5. Touch the field you want to edit.
6. Edit the information as necessary and touch **Save**.

Note


You cannot edit your mobile phone number, but you can add an additional phone number.



Recent Calls




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

Note

To view a quick list of all your recent calls, press the **SEND** Key  from standby mode.

1. Missed Calls

Allows you to view the list of missed calls; up to 50 entries.



1. Touch .
2. Touch .
3. Touch **Missed Calls**.
4. Touch the entry. Or touch  for the following options:

Go To Contact/ Go To Dialing/ Delete/ Delete All/ Call Timer

5. Press  to return to standby mode.



2. Received Calls

Allows you to view the list of received calls; up to 50 entries.

1. Touch .
2. Touch .
3. Touch **Received Calls**.
4. Touch the entry.

3. Dialed Calls

Allows you to view the list of dialed calls; up to 50 entries.



1. Touch .
2. Touch .
3. Touch **Dialed Calls**.
4. Touch the entry.



Communicate



4. All Calls

Allows you to view a list of the most recent Missed, Received and Dialed calls.

1. Touch .
2. Touch .
3. Touch **All Calls**.
4. The list with the most recent calls is displayed.

5. Call Timer



Allows you to view the duration of selected calls.

1. Touch .
2. Touch .
3. Touch **Call Timer**.
4. Call times are displayed for the following types of calls:

**Last Call/ Home Calls/
Roam Calls/ All Calls**

6. Data Counter

Allows you to view the list of received and transmitted data calls.


1. Touch .
2. Touch .
3. Touch **Data Counter**.
4. Transmitted data is displayed for the following types:

**Received Data/ Sent Data/
All Data**

Messaging

The LG *Bliss*™ can store up to 535 messages and notifications (including a maximum of 200 SMS and 100 MMS in the Inbox). The information stored in the message is determined by phone model and service capability. Other limits such as available characters per message may exist, please check with your service provider for system features and capabilities.


Shortcut

From standby mode, touch .

1. New Text Message

Allows you to send text messages, pages, and e-mail transmissions. Each message will be formatted and sent according to the destination address.

The Basics of Sending a Text Message



1. Touch **Messaging**  and **New Text Message**.
2. Touch **Enter Number** to manually enter the address or **Contacts** to add the address from your Contacts List.
3. Touch the Text field to enter text.
4. Type your message (text or e-mail).
5. Touch **Done**, then touch **Send**.

A confirmation message is displayed.



Communicate

Text Message Using Options

1. Touch Messaging  and New Text Message.
2. Touch .
3. Touch the option(s) to customize.

Save to Draft

Save the current message draft.



Priority Level Choose **High/Normal** to set the priority level of your message.

Callback Number Choose **On/Off** to set your callback number to **On** or **Off**.

4. Complete and send the message.

Text Options

While you are composing the text of a message, you have various options to customize the text.

1. Touch Messaging  and New Text Message.
2. Touch the Text field to enter text.
3. Touch .
4. Touch the option(s) to customize.

Insert Templates/ Signature/ Name & Number

Save To Draft/ Templates

Priority Level High/ Normal

Callback Number On/ Off

Copy Text

Paste

5. Complete your message and send or save it.

2. New Picture Message

Allows you to send messages with Text, Image/ Video, and Audio.

1. Touch **Messaging**  and **New Picture Message**.
2. Touch **Enter Number** to manually enter the address or **Contacts** to add the address from your Contacts List.




























3. Touch the corresponding field to add Text, Image/Video, Audio, and Subject to your message.

Options with Image/Video:
Image/ Video/ Take Photo/
Record Video
















4. Touch the file you want to add.

Message Icon Reference

Text Message

Description	Single Address		Multi-Address	
	Normal	High	Normal	High
Sent				
Fail				
Pending				
Unread				
Delivery Acknowledgement				
Read				
Incomplete				
WAP Push Msg				
Voicemail Msg (With unread Msg)				
Draft				

Picture Message

Single Address		Multi-Address	
Normal	High	Normal	High
			
			
			
			
			




Communicate

TIP

Touch the selected image smoothly on the screen to move to the previous/next images.

5. When you touch the Audio field, you have the option of attaching a saved Audio file, or Recording a new one.

6. Options with the  Menu:

Insert Slide Inserts slide to add more picture message.

Preview Shows your message before sending.

Save to Draft Saves the current message to Draft.


Priority Level High/ Normal

Remove Image/Video/ Audio/ Slide/ Subject

7. Touch **Send** to send.

3. Inbox



The phone alerts you in 3 ways when you receive a new message by:

- Displaying a notification message on the screen.
- Displaying the message icon  (It blinks when the message is urgent).
- Playing an audio tone or vibrating, depending on your personal sound settings.


Received text messages, page messages, picture messages and e-mail lists may be searched and the contents viewed. Received messages are displayed from newest to oldest.

Viewing Your Inbox

Up to 400 messages (200 text messages + 100 received picture messages + 100 picture message notifications) can be stored in the Inbox.

1. Touch **Messaging**  and **Inbox**.
2. Touch an Inbox message.
 - Touch **Reply** to reply to the message.
 - Touch **Delete** to delete the message.
 - Touch **Chat** to view the conversation in Chat view mode.
 - Touch  to choose from the following options:

Delete/ Lock/Unlock/ New Message/ Sort by/ Delete All

3. While viewing the selected message, touch **Reply** or .

Play Again Allows you to play the attached file again.

Delete Deletes the selected message.

Forward Forwards a received message to other destination address(es).

Save Contact Stores the callback number, e-mail address, and numbers in the received message into your Contacts.

Save Video Saves the attached video to your phone. (Only for messages with video attached.)

Lock/Unlock Locks or unlocks the selected message.



Communicate



Go to website Accesses the website by starting Browser. (Only for messages containing a URL.)

Extract Address

Message Info Shows message info, such as Type, Priority level, size and time.

4. Drafts

Displays saved messages and draft messages.

1. Touch **Messaging**  and **Drafts**.
2. Touch  to choose from the following options:

Delete Deletes the selected message from the Drafts.

Lock/Unlock Locks a message so that it is not erased if the Erase Saved or Erase All feature is used.

New Message


Sort by Allows you to sort the Drafts by Time or Size.


Delete All Deletes multiple messages at one time.

4. Touch saved message to Edit the saved message.

5. Outbox

Up to 100 messages (50 sent text messages + 50 sent picture messages) can be stored in the Outbox folder. View lists and contents of sent and unsent messages and verify whether the transmission was successful or not.

1. Touch **Messaging**  and **Outbox**.
2. Touch an Outbox message.

3. Touch a message to open it. Once open, you can use the following options by touching .

Play Again Allows you to play again the sound or the picture message.

Delete Deletes the selected message.

Forward Forwards a received message to other destination address(es).

Save Contact Choose **New Entry/ Existing Entry** to save the phone number in your Contacts.

Save Video Allows you to save the video.

Save Media Choose **Image/ Audio** to save the attached media to your phone. (Only for messages with images or audio attached.)

Lock/Unlock Locks or unlocks the selected message.

Go to website Accesses the website by starting Browser. (Only for messages containing a URL.)

Extract Address Allows the address included in the message to be extracted for viewing.

Message Info Shows the message's Type, Priority, Status Subject, Size and Attachment.




Communicate

6. Voicemail

Allows you to view new voice messages recorded in your voice mail box. Your phone will alert you when you receive a new voice message.

Checking Your Voicemail Box

1. Touch **Messaging**  and **Voicemail**.
2. Choose from the following options:
 - Touch **Clear** to clear the voice mail count.
 - Touch **Call** to listen to the message(s).


7. Templates

Allows you to display, edit, and add text phrases. These text strings allow you to reduce manual text input into messages.

1. Touch **Messaging**  and **Templates**.
2. Touch **New Template** to add new template.
3. After adding new template, touch **Save** to save it.


8. Delete All

Allows you to erase all the messages stored in your Inbox, Outbox, or Drafts message folders. You can also erase all messages at the same time.

1. Touch **Messaging**  and **Delete All**.
2. Touch **Delete Inbox/ Delete Outbox/ Delete Drafts/ Delete All Messages**.

9. Message Settings

Allows you to configure settings for Messaging:

1. Touch **Messaging**  and **Message Settings**.
2. Touch **All Messages/ Text Messages/ Picture Messages/ Voicemail Number**.

Message Settings Sub-Menu Descriptions

9.1 All Messages

1. **Auto Save (Auto Save/ Prompt/ Do Not Save)**
With this feature on, messages are automatically saved in the Outbox folder when sent.

2. Auto Delete (ON/ OFF)

With this feature on, read messages are automatically deleted when you exceed the storage limit.

3. Entry Mode

Allows you to select the default input method between XT9, Abc and 123.

4. Signature (On/ Off/ Edit)

Allows you to make/edit a signature to automatically send with your messages.

9.2 Text Messages

1. Auto View (On/ On + Readout/ Off)

When set to On, new messages will automatically display on your screen when they are received.



Communicate

2. Auto Play (ON/ OFF)

Allows the display to automatically scroll down while viewing messages.

3. Callback Number (On/ Off/ Edit)

With this feature on, you can input the callback number that will be automatically included when you send a message.

9.3 Picture Messages

1. Auto Receive (ON/ OFF)



With this set to On, attached content will automatically download when a new picture message is received.

9.4 Voicemail Number

Allows you to manually enter the access number for Voicemail Service. This feature should only be used when a VMS (Voicemail Service) access number is not provided from the network.

New Text Message

Refer to page 43~44 for more information

1. Touch .
2. Touch .

Speed Dials

Refer to page 39 for more information



1. Touch .
2. Touch .

Browser

The Browser feature allows you to view Internet content. Accessibility and selections within this feature are dependent upon your service provider. For specific information on Web contact your service provider.

Start Browser

Allows you to initiate an Web session.

1. Touch .
2. Touch Browser .
3. After a few seconds, you will see the home page.

Ending an Web Session

End an Web session by pressing



Browser Navigation

Links embedded in content

Select items or links by touching it on the screen.

Scrolling / Fast Scrolling

Use your fingertip to scroll the screen contents in the direction you move your finger.

How quickly you move your finger determines the quickness of the scroll.

CAUTION







Do not use a sharp item for your pen-like stylus because it could scratch your screen.



Communicate


Command Bar icons:

The browser Command Bar provides the following toolbar buttons.

- **Back**  to go back to the previous page.
- **Forward**  (if available) takes you back to the next page.
- **Refresh**  Allows you to reload the current Web page.
- **Zoom**  Allows you to zoom the screen in or out.
- **Home**  Returns to Home Page.
- **Bookmarks**  Takes you to the Bookmarks menu.
- **www** Allows you to enter a Web address to go to.

-  Allows access to Browser Menu.

Using the Browser Menu

Touch  (in the Browser Command Bar) to view Browser menu items.

Browser Menu Items

NOTE

You may have to scroll down to see some of the menu items listed below.

- **Full Screen View** Use the whole screen including the annunciator and command bar area to view pages.
- **Display Rendering** Allows mode selection that changes the layout of contents.
- **Standard** Displays a standard Browser screen with vertical and horizontal page navigation.

Screen Optimized Displays vertically aligned contents of the Web page which fit the size of the screen. Allows vertical navigation only.

Text Only Displays only text and excludes images used in the Web page.

- **Send URL** Allows you to send the link of the current page via a text message.
- **Search Text** Allows you to search for text you want to find in the web page. (Search Text is not case-sensitive.)
- **History** Displays list of visited web pages.

- **Settings**

Homepage Allows you to set your Home Page.

Display Allows you to define the Thumbnail, Scroll and Fit to width settings.

JavaScript ON/ OFF

Timer Set the duration of the Key Press or Connection Time Out.

Encryption Displays the Security settings menu and certificates in device.

RSS Reader Show image/
Update interval






Communicate

- **Manage Memory** Manages memory used by browser.
- **Information**
 - Show URL** Redisplays current Web page.
 - About** Displays the current browser information.


Thumbnail Option in Browser Menu

This option displays the entire outline of the Web page in the screen corner, which is helpful to find out where you are on the page and move to where you want to go on the Web page.

1. Touch Menu  to access the menu.
2. Touch the Browser icon .
3. Touch .

4. Touch **Settings**, then **Display**, then **Thumbnail**. The options available are:
 - **On:** thumbnail screen image is always displayed in one corner of the screen.
 - **Off:** thumbnail screen image is never displayed on the screen (by default).
 - **Auto:** thumbnail screen image is displayed whenever you are quickly scrolling through a page.

Entering/Deleting Text, Numbers or Symbols

When text, numbers or symbols need to be entered on the screen, a Touch Keypad will pop up when you touch the text field, on the screen. Simply touch the characters you want and touch  to delete.

NOTE

Sometimes it is necessary to touch the text field more than once in order to bring up the Touch Keypad.

Using RSS reader

RSS (Really Simple Syndication) is a family of web feed formats used to publish frequently updated content such as blog entries, news headlines or podcasts. An RSS document, which is called a feed, web feed, or channel, contains either a

summary of content from an associated web site or the full text. RSS makes it possible for people to keep up with their favorite web sites in an automated manner that is easier than checking them manually.

To Add An RSS Feed

You must first be on a website that supports RSS. The RSS registration indicator will show the RSS icon if the site has RSS. Touch the RSS registration indicator next to the URL field, as shown in the first screenshot (in the next page) to add the RSS Feed to your Feeds.

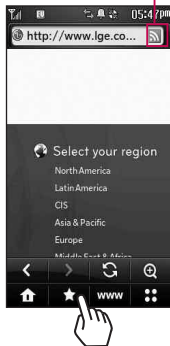


Communicate

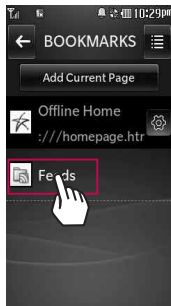
Reading a saved RSS Feed

[Step 1: Touch Bookmarks]

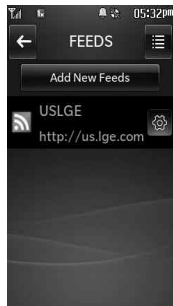
RSS registration indicator



[Step 2: Touch Feeds]



[Step 3: Touch a saved Feed]



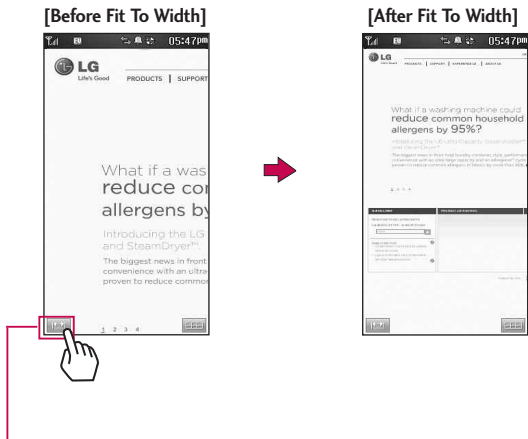
After adding an RSS feed, registered FEEDS are displayed.

NOTE


This example uses a demo web site.

Fit To Width

A browser function that resizes the current webpage to fit better with the width of the screen.



Fit To Width icon: Allows you to adjust zoom level of Browser screen. To configure the Fit To Width settings, follow the steps below:

Browser Menu  > Settings > Display > Fit to width (Manual/ Automatic)



Communicate



easyedge

easyedgeSM allows you to do more than just talk on your phone.

easyedgeSM is a technology and service that allows you to download and use applications on your phone. With **easyedge**SM, it is quick and easy to personalize your phone to your lifestyle and tastes. Just download the applications that appeal to you including ringtones, games to productivity tools, you can find something useful, practical, or down right entertaining. There are new applications constantly available for your use.

Downloading Applications




You can download applications and use **easyedge**SM where service is available.

Incoming Calls

While downloading an application you can receive incoming calls, Downloading is paused during the call. After finishing a call, downloading can be resumed.





easyedge Shop

Get your news, weather, sports, ringtones, e-mail, and games on your phone. Call 888-BUY-USCC for Unlimited access.

1. Touch .
2. Touch .
3. Touch .
4. Use the arrows and the **OK** key to select an application category to browse.



my stuff

Allows you to access the applications already downloaded onto your phone.

1. Touch .
2. Touch .
3. Touch  /  to select application and touch **OK**.

Your Navigator

Your Navigator is a preloaded application you can start from the **my stuff** menu (see the previous section). Now you can find the address of a great restaurant or the nearest ATM. Check movie times. Discover the latest hot spots. And know exactly how to get where you're going. Navigator puts all the advanced features of the latest GPS devices and systems on your wireless device at a fraction of the price.

1. Touch .
2. Touch .
3. Follow the instructions step by step to download application.



Entertainment

Take Photo

1. Touch .
2. Touch .
3. Touch Take Photo .

Camera options are:

Zoom

Brightness

Resolution
 2M(1600X1200)/
 1M(1280X960)/
 VGA(640X480)/
 QVGA(320X240)

Self Timer Off/ 3 Seconds/
 5 Seconds/ 10 Seconds

Back

Shot Mode Changes from
 Camera mode to
 Video mode.

My Images

Settings

Multishot Off/ 3 Shots/
 5 Shots/ 7 Shots


Fun Frame






Color Effects Normal/
 Negative/ Aqua/ Sepia/
 Mono


Quality Normal/ Fine/
 Super Fine

White Balance Auto/
 Sunny/ Cloudy/
 Fluorescent/ Glow




-  **More**
Memory Storage Handset/ External
Shutter Sound Shutter/
 No Sound/ Say
 “Cheese”/ Ready! 1 2 3
Auto Save On/ Off
Night Mode On/ Off
Send Reminder On/ Off
Reset Yes/ No




4. Take a picture by pressing the external Camera key .
5. A Send options menu will popup, allowing you to send the picture taken. If you do not wish to Send the picture, touch the  key.
6. Touch  or  **Delete**,  **Save**. Choose from the following save option:

-  **Send** By Picture Message/
Via Bluetooth/ To Online
Album

-  **Set As** Wallpaper/ Picture ID

-  **Save** Stores the picture in My Images.

Gallery

1. Touch .
2. Touch .
3. Touch **Gallery** .
4. Touch the image.

Touch  /  to zoom out/in.

Touch **Send** to send message or **Edit** to edit image.

Picture Editing

With the LG *Bliss*™ 's picture editing features, you have endless possibilities in creating fun pictures. To edit while viewing a picture, touch **Edit**.



Entertainment



Composition Change your photo's composition. Zoom or crop to get the look you want.

Pen Drawing Be creative. Draw on a photo. Choose from multiple colors, pen widths. Touch OK to set the settings.

Stamps LG *Bliss*™ has multiple stamps to choose from to enhance your pictures.

Eraser Eraser function to erase the edits/changes made to the image.

Save Saves the image.




Undo Allows you to undo the last edit/change.

Image Composition Change your photo's composition. Rotate, flip, frame or mirror.






Filter Improve your photos by adjusting filter.(Original/ Negative/ Gray/ Sharpen/ Black & White/ Sepia/ Blur)


Adjustment Improve your photos by adjusting Brightness, Contrast or RGB Color.

Record Video

1. Touch .
2. Touch .
3. Touch Record Video .






Video camera options are:

-  **Zoom**
-  **Brightness**
-  **Resolution** 320X240/
176X144
-  **Record Time** For Send/ For
Save
-  **Back**

 **Shot Mode** Changes from
Video mode to Camera
mode

 **Videos**

 **Settings**

-  **Mute** On/ Off
-  **Auto Save** On/ Off
-  **Color Effects** Normal/
Negative/ Aqua/ Sepia/
Mono
-  **Quality** Normal/ Fine/
Super Fine
-  **White Balance** Auto/
Sunny/ Cloudy/
Fluorescent/ Glow





Entertainment

More

Memory Storage

Handset/ External

Send Reminder On/ Off

Reset Yes/ No

4. Press or to begin recording.
5. Press or to Pause recording.
6. A Send options menu will popup, allowing you to send the video recording. If you do not wish to Send the video, touch the key.
7. Touch or **Delete**, **Save**. Choose from the following save option:

Send By Picture Message/
Via Bluetooth

Send to Online Album

Save or **Videos**

The Video will be saved in
Videos.







My Stuff

Allows you to view images,
videos and audios saved in
phone.

1. Touch .
2. Touch .
3. Touch My Stuff .
4. Touch **Images/ Videos/ Audios**.

Record Voice

Records voice and sound, that can be used as verbal reminders, etc.

1. Touch .
2. Touch .
3. Touch Record Voice .
4. Press  to start recording.
5. Once recording has started, the following options are available:
 Touch  to stop.
 Touch  to pause.
 Touch  to end.

Once the recording has stopped, the audio file will be automatically saved.

Music

Allows you to transfer songs stored in your memory card. To access this feature, there should be stored music in your memory card.

Notes

- Be sure to use only recommended microSD™ cards. Using non-recommended microSD™ cards could cause data loss and damage your phone.
- The microSD™ card and its adapter can be easily damaged by improper operation. Please be careful when inserting, removing, or handling it.
- Do not remove a microSD™ card while files are being accessed or transferred. It may result in loss or damage of data.




Supported music formats:
MP3, WMA, AAC, M4A







Entertainment

1. Now Playing/ Recently Played

Allows you to view the songs currently playing, or the most recently played songs.

1. Touch .
2. Touch .
3. Touch Music .
4. Touch Now Playing/ Recently Played.
5. Touch the music file to play it.



2. All Songs

1. Touch .
2. Touch .
3. Touch Music .
4. Touch All Songs.
5. Select the music file and touch to play or touch 
Options:

Add to Playlist/ Send/
Delete/ Set Homescreen/
Delete All




Options available while playing music:



, or touch  Options:
Minimize/ Go to Music/ Add to Playlist/ Send/ Use Bluetooth Headset/ Delete/ Add Homescreen/ Song Info




3. Artists

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

1. Touch .
2. Touch .
3. Touch Music .
4. Touch Artists.




4. Albums

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

1. Touch .
2. Touch .
3. Touch **Music** .
4. Touch **Albums** and touch the music list which you want to listen to.




5. Genres

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

1. Touch .
2. Touch .
3. Touch **Music** .
4. Touch **Genres** and touch the list which you want to listen to.

6. My Playlists

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

1. Touch .
2. Touch .
3. Touch **Music** .
4. Touch **My Playlists**.
5. Create a new Playlist by touching **Create**. Then name and Add Songs to the playlist.

7. Settings

Allows you to customize music settings.

7.1 Repeat

Allows you to set repeat settings.

1. Touch .
2. Touch .



Entertainment

3. Touch Music .

4. Touch Settings.

5. Touch Repeat.

Repeat Once/ Repeat All/
Repeat Off

7.2 Shuffle Songs

Allows you to set Shuffle Songs settings.

1. Touch .

2. Touch .

3. Touch Music .

4. Touch Settings.

5. Touch Shuffle Songs.

ON/ OFF

7.3 Background Music

Allows you to set background preferences.

1. Touch .

2. Touch .

3. Touch Music .

4. Touch Settings.

5. Touch Background Music.




Prompt/ Always On/
Always Off

NOTE

Background music is not always available. For instance, viewing or adding files on the Multimedia Idle Screen or the My Stuff menu will pause the music.




Tone Room

Application that allows you to obtain new Tones.

1. Touch .
2. Touch .
3. Touch **Tone Room** .

Games

Allows you to enjoy various games.

1. Touch .
2. Touch .
3. Touch **Games** .

Select from the following Games and options:




Dart/ Homerun Derby/ PAC-MAN/ More Games

Voice Command

Allows you to make phone calls quickly and easily by voice. Your phone recalls the number from your Contacts, displays it briefly, and then dials it. This menu also includes a feature for those who are driving or blind. It delivers time and date information by voice and allows you to check missed calls, messages and voicemails.

1. Start Command

1.1 Call <Name> or <Number>

1. Touch .
2. Touch .
3. Touch **Voice Command** .
4. Touch **Start Command**.



Utilities

5. Touch **Call** <Name> or <Number>.
6. Say the name as it is saved in your Contact List or say the number.

1.2 Voicemail

1. Touch
2. Touch
3. Touch **Voice Command**
4. Touch **Start Command**.
5. Touch **Voicemail**.
6. The phone will announce any new Voicemail(s).

1.3 Missed Calls

You can hear details about missed calls.

1. Touch

2. Touch
3. Touch **Voice Command**
4. Touch **Start Command**.
5. Touch **Missed Calls**.




1.4 Messages

This voice command feature will read out information from messages received.

1. Touch
2. Touch
3. Touch **Voice Command**
4. Touch **Start Command**.
5. Touch **Messages**.




1.5 Time & Date

This voice command feature will read out the current time & date.

1. Touch .
2. Touch .
3. Touch **Voice Command** .
4. Touch **Start Command**.
5. Touch **Time & Date**.




1.6 Help

Allows you to view more information about the features in Voice Control.

1. Touch .
2. Touch .
3. Touch **Voice Command** .
4. Touch **Start Command**.
5. Touch **Help**.

2. Command Mode

Allows you to choose between Normal or Speed settings. The Speed setting allows you to access the Voice Command functions more quickly with a non-verbal prompt.




1. Touch .
2. Touch .
3. Touch **Voice Command** .
4. Touch **Command Mode**.
5. Select options.
Normal/ Speed

3. Announce Alert

Allows you to customize the Announce Alert function. Alert Announce allows you to hear more information about an incoming call in addition to, or instead of, the Ring/Ringtone.






Utilities

1. Touch .
2. Touch .
3. Touch **Voice Command** .
4. Touch **Announce Alert**.
5. Select one of the options:
**Disable/ Announce/
Announce + Ring**




4. Train Word

Allows you to train the voice recognition for improved results.

1. Touch .
2. Touch .
3. Touch **Voice Command** .
4. Touch **Train Word**.
5. Select options.
**Voice Command/ Answer/
Digit Dial**

5. Best Match






Allows you to customize Best Match settings.


1. Touch .
2. Touch .
3. Touch **Voice Command** .
4. Touch **Best match**.
5. Select options.
1 Match/ 4 Matches

Tools

1. Calculator




Allows you to perform simple mathematical calculations. You can enter numbers up to the sixth decimal place.

1. Touch .
2. Touch .
3. Touch .
4. Touch **Calculator**.
5. Enter data.
 - Touch the keypad to enter numbers.
 - Touch  to enter decimals.
 - Touch  to delete the last digit entered, or touch and hold to erase the entire entry.

- Touch the corresponding Touch Keys to enter functions (+, -, x, /).
- Touch  to complete equation.

2. Ez Tip Calculator

Allows you to quickly and easily estimate the tip and total amount of a bill by inputting the bill amount before tip, the tip percentage, and divide it by the number of people paying.

1. Touch .
2. Touch .
3. Touch .
4. Touch **Ez Tip Calculator**.
5. Enter the variable fields (Total bill, Tip %, Split). Touch the Total bill field to display a keypad to enter the amount. Touch the left and right arrow






Utilities

keys to increase or decrease the Tip % and Split amount(s). Corresponding calculation fields (tip and total for each person) appear automatically.

6. Touch **Reset** to begin another calculation.

3. Unit Converter




Allows you to convert units of measurement.

1. Touch .
2. Touch .
3. Touch .
4. Touch **Unit Converter**.
5. Touch the unit of measurement you want to convert:

Currency/ Area/ Length/
Mass/ Temperature/
Volume/ Velocity

4. Stopwatch




Allows you to use your phone as a Stopwatch.

1. Touch .
2. Touch .
3. Touch .
4. Touch **Start** to start, and touch **Stop** to stop.
 - You can use the Lap function by pressing touch **Lap** to record up to 20 laps and lap times.
5. touch **Reset** to reset.

Organizer




1. Calendar

Allows you to store and access your agenda(s). Simply store your appointments in your Calendar and your phone will alert you with a reminder.

1. Touch .
2. Touch .
3. Touch **Organizer** , and **Calendar**.
4. Touch the day you wish to edit, twice.
5. Touch the **Add**.
6. Enter your schedule information including:
 - Subject • Start Time
 - End Time • Repeat
 - Until • On Time
 - Tones • Vibrate
7. Touch **Save**.




2. Date Finder

Allows you to find a date after, or before, the Start date you enter.

1. Touch .
2. Touch .
3. Touch **Organizer** .
4. Touch **Date Finder**.

Calendar




See the Calendar section on this page for more details.

1. Touch .
2. Touch .
3. Touch **Calendar** .






Alarm Clock

Allows you to set up to five alarms. At the alarm time, any set alarm will sound and/or vibrate the tone of your choice (depending on your sound settings), and a notification message will be displayed on your screen.

1. Touch .
2. Touch .
3. Touch **Alarm Clock** , and **Add**.
4. Touch the **Set Time** field to set the alarm time.
5. Touch the **Repeat** field to set the Recurrence for the alarm. Options are:
Once/ Daily/ Mon - Fri/ Weekends
6. Touch the **Ringtone** field to set the ringtone for the alarm.
7. Touch **Save** to save.

World Clock





Allows you to determine the current time in another time zone or country.

1. Touch .
 2. Touch .
 3. Touch **World Clock** .
 4. Scroll through continents by touching the arrows under the globe.
 5. Touch **OK** to view cities.
 6. Touch a city to view the current date and time in that city.
- Or
5. Touch **Cities** to choose from a list of available cities.
 6. Touch a city from the list. Touch **OK** to view the current date and time.

7. Touch **Set DST** to turn Daylight Savings Time on or off.

Drawing Panel

This function allows you to draw freely so that you can save the image, send it in a message or set it as a Wallpaper.

1. Touch .
2. Touch .
3. Touch .
4. Touch **Add** to write a new note.
5. Create a drawing, then touch .




A confirmation message displays briefly, then displays your list of drawings.

Options for a Drawing Pad Entry

1. Access Drawing Pad and select the entry.
2. To erase, touch **Erase**.
To edit, touch **Edit**.
To send as a Picture Message, touch **Send**.

Notepad

Allows you to add, read, edit, and erase notes to yourself.

1. Touch .
2. Touch .
3. Touch **Notepad** .
4. Touch **Add** to write a new note.
5. Type the note, then touch **Save**.



Settings

A confirmation message displays briefly, then displays your list of notes.

Viewing a Notepad Entry

1. Access Notepad.
2. To erase a note, touch it to open it. Then, touch **Delete**.

To add a note or erase all of the notes, touch **Add** or **Delete All**.



Sound Settings

Options to customize the phone's sounds.

1. Ringers

Allows you to assign ringtones for incoming calls.




1. Touch
2. Touch
3. Touch **Sound Settings**
- and **Ringers**.
4. Touch **All Calls/ Caller ID/ No Caller ID/ Restricted Calls/ Shuffle**.
5. Touch **My Audios/ Default Audios**.
6. Touch a ringer to **Set**.

Note

- WMA and M4A music/sound files cannot be used as ringers.
- Sounds saved on an SD Card can not be set as ringers.




2. Volume

Allows you to set various volume settings.

1. Touch .
2. Touch .
3. Touch **Sound Settings**  and **Volume**.
4. Touch **Master Volume/ Keypad/ Earpiece/ Speaker**.
5. Adjust the volume and touch **Set** to save the setting.

3. Message Alerts

Allows you to select the alert tones for new messages.




1. Touch .
2. Touch .
3. Touch **Sound Settings**  and **Message Alerts**.
4. Touch **Text Message/ Picture Message/ Voicemail/ All Messages/ Message Reminder**.
5. Touch **My Audios/ Default Audios**.
6. Touch a ringtone.

For the **Message Reminder** option, choose from the following settings:

**Once/ Every 2 Minutes/
Every 15 Minutes/ Off**

4. Alert Type

Allows you to select the alert types.

1. Touch .
2. Touch .
3. Touch **Sound Settings**  and **Alert Type**.
4. Touch the option you want to customize:




**Call Alert/ Message Alert/
Schedule Alert/ Alarm Alert**

5. Choose from the following settings:

**Ring Only/ Vibrate Only/
Ring & Vibrate**

5. Service Alerts

Allows you to configure the 3 available Service Alerts.

1. Touch .
2. Touch .
3. Touch **Sound Settings**  and **Service Alerts**.
4. Touch an alert option.

Minute Beep

Alerts you 10 seconds before the end of every minute during a call.

Call Connect

Alerts you when the call is connected.




Low Battery

Alerts you when the battery charge level is low.

Announce/ Tone

6. Power On/Off Tones

Allows you to set the phone to sound a tone when the phone is powered on and off.

1. Touch .
2. Touch .
3. Touch **Sound Settings** 
and scroll to **Power On/Off Tones**.
4. Toggle the setting between:
ON/ OFF




Display Settings

Options to customize your phone's display screen.

1. Wallpaper

Allows you to choose the kind of background to be displayed on the phone.




1.1 Screen

1. Touch .
2. Touch .
3. Touch **Display Settings** 
and **Wallpaper and Screen**.
4. Touch a submenu.
**Main/ Shortcut/ Contacts/
Multimedia/ Touch Key
Guard**
5. Touch your choice, then touch
Set as Wallpaper .



Settings

1.2 Shuffle




1. Touch .
2. Touch .
3. Touch **Display Settings**  and **Wallpaper and Shuffle**.
4. Touch the Screen options slider:
On/ Off

You will be prompted to add items to the Shuffle folder, select **Yes**.

5. Mark the items you wish to add to the Shuffle folder, then touch **Done**.
6. Toggle the Screen setting between **On/Off**.
7. Select the desired amount of time between Screen changes for the Shuffle function:
**Every 5 Sec/ Every 1 Min/
Every 1 Hour/ Every 1 Day**

2. Banner

Allows you to enter a string of characters which display on the Main Idle Screen and Lock Screen.




1. Touch .
2. Touch .
3. Touch **Display Settings**  and **Banner**.
4. Touch the Status field and touch **On/ Off**.
5. Touch the Text field and type your Banner text.
6. When you are finished, touch **Save**.

3. LCD Settings




Allows you to configure LCD backlight settings.

3.1 Power Save




Allows you to set power save mode.

1. Touch .
2. Touch .
3. Touch Display Settings  and LCD Settings and Power Save.
4. Touch a setting.
On/ Off

3.2 Backlight

1. Touch .
2. Touch .
3. Touch Display Settings  and LCD Settings and Backlight.
4. Touch a duration time:
7 seconds/ 10 seconds/
15 seconds/ 30 seconds/
2 minutes

3.3 Brightness

1. Touch .
2. Touch .
3. Touch Display Settings  and LCD Settings and Brightness.
4. Touch a setting.
Level 1/ Level 2/ Level 3



Settings

4. Languages

Allows you to set the bilingual feature according to your preference. Choose between English and Spanish.

1. Touch
2. Touch
3. Touch **Display Settings** and **Languages**.
4. Touch **English** or **Español**.

5. Clock & Calendar

Allows you to select the type of clocks displayed on the Main Idle Screen.

1. Touch
2. Touch
3. Touch **Display Settings** and **Clock & Calendar**.

4. Use your finger to slide from left to right (and vice versa) through the available options:

Normal Clock/ Analog Clock/
Large Analog Clock/ Digital
12 Clock/ Digital 24 Clock/
Large Digital 24 Clock/ Dual
Clock/ Calendar/ Off

5. Touch **Set**.




6. Font Settings

Allows you to select the type of font displayed on LCD.

1. Touch
2. Touch
3. Touch **Display Settings** and **Font Settings**.
4. Touch a setting.
LG Gothic/ LG Greentea/
LG Mint/ LG Round/
LG Secret

7. Dial Font Size

Allows you to set the font size on the Dialpad when dialing a number.

1. Touch .
2. Touch .
3. Touch **Display Settings** 
and **Font Settings**.
4. Touch a setting.
Normal/ Large

8. Menu Style

Allows you to set the menu style.

1. Touch .
2. Touch .
3. Touch **Display Settings** 
and **Menu Style**.
4. Touch a setting.
Claro Style/ 3D Icon Style

9. Name Match for Dialing

Matches a saved Contact entry with the corresponding letters entered on the Dialpad.




1. Touch .
2. Touch .
3. Touch **Display Settings** 
and **Name Match for Dialing**.
4. Touch the **Status** field and touch **ON/ OFF**.

Call Settings

The Call Settings menu allows you to designate how the phone handles both incoming and outgoing calls.

1. Answer Options




Allows you to determine how to answer an incoming call.

1. Touch .
2. Touch .
3. Touch Call Settings , and Answer Options.
4. Touch a setting.

Any Key/ SEND Key Only/
Auto Answer

2. Auto Retry




Allows you to set the length of time the phone waits before automatically redialing a number when the attempted call fails.

1. Touch .
2. Touch .
3. Touch Call Settings , and Auto Retry.
4. Touch a setting.

Off/ Every 10 Seconds/
Every 30 Seconds/
Every 60 Seconds

3. One Touch Dial




Allows you to initiate a speed dial call by pressing and holding the speed dial digit. If set to Off, Speed Dial numbers designated in your Contacts will not function.

1. Touch .
2. Touch .
3. Touch **Call Settings** ,
and **One Touch Dial**.
4. Touch a setting.

ON/ OFF




4. Voice Privacy

Allows you to set the voice privacy feature for CDMA calls as Enhanced or Standard. CDMA offers inherent voice privacy. Check with your service provider for availability.

1. Touch .
2. Touch .
3. Touch **Call Settings** ,
and **Voice Privacy**.
4. Touch a setting.
Enhanced/ Standard

5. Auto Volume




When this feature is enabled, it provides a better audio experience by controlling the dynamic range and volume of the sending and receiving voices across different environments and conditions.

1. Touch .
2. Touch .
3. Touch **Call Settings** ,
and **Auto Volume**.
4. Touch a setting.

ON/ OFF




6. Airplane Mode

Turns off the phone's wireless signal; it allows you to use features on your phone that do not require wireless communications.

1. Touch .
2. Touch .
3. Touch **Call Settings** , and **Airplane Mode**.
4. Read the disclaimer and touch **OK**.
5. Touch a setting.
ON/ OFF

7. TTY Mode


Allows you to attach a TTY (Teletype writer) device enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1. Touch .
2. Touch .
3. Touch **Call Settings** , and **TTY Mode**.
4. Read the disclaimer and touch **OK**.
5. Touch a setting.
**TTY Full/ TTY + Talk/
TTY + Hear/ TTY Off**

Touch Settings

1. Touchscreen Calibration

Allows you to calibrate the Touch Screen to ensure it is working properly.

1. Touch .
2. Touch .
3. Touch Touch Settings  and Touchscreen Calibration.




4. Touch the screen to start calibration, then touch the target each time it appears.



2. Touchscreen Effect

Allows you to customize your Touch Screen's sound and vibration settings.

1. Touch .
2. Touch .
3. Touch Touch  and Touchscreen Effect.



Settings

4. Touch the option you want to customize:

- **Tone Type**
Vibraphone/ High Pitch/
Glass/ Water Drop
- **Tone Level**
Off/ Level 1/ Level 2/
Level 3/ Level 4/ Level 5
- **Vibrate Type**
Short/ Double/ Long
- **Vibrate Level**
Off/ Low/ Medium/ High



Phone Settings

1. Auto Touch Lock

Allows you to set Auto Touch Lock.

1. Touch
2. Touch
3. Touch **Phone Settings** and **Auto Touch Lock**.
4. Touch a setting.
On/ Off




2. Security

The Security menu allows you to change Security and Restriction settings.

2.1 Lock Phone

Keeps your phone from unauthorized use. Once the phone is locked, it is in restricted mode until the lock code is entered. You can still receive phone calls and make emergency calls.

You can modify the lock code by navigating to **Change Lock Code** within the Security menu.

1. Touch .
2. Touch .
3. Touch **Phone Settings** , **Security**.
4. Enter the four-digit lock code.
The default lock code is commonly the last 4 digits of your phone number.
5. Touch **Lock Phone**.
6. Touch an option.
 - None** The phone is never locked (Lock mode can still be used using the options below).
 - When Switch On** The phone is locked when it is turned on.
 - Immediately** The phone is always locked. When locked, you can receive incoming calls and make only emergency calls.



Settings

2.2 Restrictions

Allows you to restrict incoming and/or outgoing calls and messages. Also provides the option to restrict Data and Camera use.

1. Touch
2. Touch
3. Touch **Phone Settings** , **Security**.
4. Enter the four-digit lock code.
5. Touch **Restrictions**.
6. Touch a Restrictions submenu, then the setting.

Incoming Calls (Allow All/
Contacts Only/ Block All)

Outgoing Calls (Allow All/
Contacts Only/ Block All)

Incoming Messages (Allow
All/ Block All)

Outgoing Messages (Allow
All/ Block All)

Camera (Unlock/ Lock)


Data (Unlock/ Lock)

4. Enter the four-digit lock code. The default lock code is commonly the last 4 digits of your phone number.

2.3 Emergency Numbers




Allows you to enter 3 emergency numbers. You can call these emergency numbers and 911, even when the phone is locked or restricted.

1. Touch
2. Touch

3. Touch **Phone Settings** , **Security**.
4. Enter the four-digit lock code.
5. Touch **Emergency Numbers**.
6. Touch the emergency number you want to edit.



2.4 Change Lock Code

Allows you to enter a new four-digit lock code.

1. Touch .
2. Touch .
3. Touch **Phone Settings** , **Security**.
4. Enter the four-digit lock code.
5. Touch **Change Lock Code**.
6. Touch **Phone Only** or **Call & Applications**.
7. Enter the current lock code, then enter a new 4-digit lock code.
8. For confirmation, it will ask you to enter the new lock code again.

3. Memory

Allows you to check out the memory status of your phone.

1. Touch .
2. Touch .
3. Touch **Phone Settings** , **Memory**.
4. Touch an option:
**Handset Common Memory/
Handset Reserved Memory/
External Memory/
Primary Storage Setting**



Settings

Note

When **Clear All** is set on **Handset Common Memory** or **External Memory**, all contents including locked contents are removed.

4. Phone Info

The Phone Information menu provides you with specific information pertaining to your phone model.

1. Touch
2. Touch
3. Touch **Phone Settings** ,
Phone Info.

4.1 My Number

Allows you to view your phone number.

1. Touch .
2. Touch .
3. Touch **Phone Settings** ,
Phone Info and **My Number**.




4.2 ESN/MEID

Allows you to view the ESN/MEID information of your phone.

1. Touch .
2. Touch .
3. Touch **Phone Settings** ,
Phone Info and **ESN/ MEID**.


4.3 Icon Glossary

Allows you to view all the icons and their meanings.

1. Touch .
2. Touch .
3. Touch **Phone Settings** , **Phone Info** and **Icon Glossary**.

4.4 Version

Allows you to view the versions of various applications.

1. Touch .
2. Touch .
3. Touch **Phone Settings** , **Phone Info** and **Version**.

5. Master Reset

Allows you to reset your phone to the factory default settings.

1. Touch .
2. Touch .
3. Touch **Phone Settings** , **Master Reset**.
4. Touch **Ok**.
5. A message will pop up that says "All settings will revert to factory default."
6. Touch **Revert** / **Cancel**.
7. Enter the four-digit lock code. The phone returns to configuration default.



Settings






System

The System menu allows you to designate specific system network settings.

1. Network




1.1 System Select

Allows you to set up the phone producer's management environment. Leave this setting as the default unless you want to alter system selection as instructed by your service provider.

1. Touch .
2. Touch .
3. Touch **System** ,
Network and **System Select**.
4. Touch a setting.
**Home Only/ Automatic A/
Automatic B**



1.2 Set NAM


Allows you to select the phone's NAM (Number Assignment Module) if the phone is registered with multiple service providers.

1. Touch .
2. Touch .
3. Touch **System** ,
Network and **Set NAM**.
4. Touch a setting.
NAM1/ NAM2

1.3 Auto NAM




Allows the phone to automatically switch between programmed telephone numbers corresponding to the service provider area.

1. Touch .
2. Touch .

3. Touch System ,
Network and Auto NAM.
4. Touch a setting.
ON/ OFF




1.4 Serving System

Identifies the channel number of a system that is served as a SID Number. This information should only be used for technical support.

1. Touch .
2. Touch .
3. Touch System ,
Network and Serving System.

2. Location

Menu for GPS (Global Positioning System: Satellite assisted location information system) mode.

1. Touch .
2. Touch .
3. Touch System  and
Location.
4. Read the message about this feature, you may scroll by pressing **Next**.
5. Touch a setting.
ON/ OFF

Note

GPS satellite signals are not always transmitted, especially under bad atmospheric and environmental conditions, indoors etc.



Settings



Bluetooth®

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

Bluetooth QD ID B015227

Note




Read user guide of each Bluetooth® accessory that you are trying to pair with your phone because the instructions may be different.

Note

The Bluetooth® features of this handset may not be compatible with all Bluetooth® enabled devices. Your service provider or handset manufacturer cannot be held responsible for compatibility issues with devices not sold by the service provider or handset manufacturer.

1. Power

Allows you to set the power On/Off.

1. Touch .
2. Touch .
3. Touch **Bluetooth** .
4. Touch a setting.

On/ Off




Note

By default, your device's Bluetooth® functionality is turned off.

2. Add New




Pairing is the process that allows the handset to locate, establish and register a 1-to-1 connection with the target device.

Pairing a new Bluetooth® device

1. Touch .
2. Touch .
3. Touch **Bluetooth**  and **Search**.
4. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
5. If Bluetooth® power is set to off, you will be prompted to turn power on. Touch **Yes**.
6. The device will appear in the Paired Devices menu once it has been located. Touch the device.
7. The handset may prompt you for the passkey. Consult the Bluetooth® accessory instructions for the appropriate passkey (typically “0000” - 4 zeroes). Enter the passkey and touch **OK**.
8. Once pairing is successful, you will be asked to choose **Always Ask** or **Always Connect**. This sets connection preferences for the Paired Device.
9. Once connected, you will see the device listed in the Paired Devices menu.

3. Paired Devices





Allows you to view the list of paired devices with your phone.

1. Touch .
2. Touch .
3. Touch **Bluetooth**  and your **Paired Devices** list will display.

4. Settings

4.1 My Visibility

Allows you to set the visibility of your Bluetooth® feature.






1. Touch .
2. Touch .
3. Touch **Bluetooth** ,  and **My Visibility**.
4. Touch a setting.
On/ Off

Note

If you turn on My Visibility, your device is able to be searched by other in-range Bluetooth® devices.





4.2 Device Name

Allows you to edit the name of the Bluetooth® device.

1. Touch .
2. Touch .
3. Touch **Bluetooth** ,  and **My Bluetooth Info**.
4. Touch **Rename Device**.
5. Hold down  to clear the existing name.
6. Enter a new alias.
7. Touch **Save** to save and exit.

4.3 My Bluetooth Info

Allows you to view your phone's Bluetooth® information.




1. Touch .
2. Touch .
3. Touch **Bluetooth** , 
and **My Bluetooth Info**.

Note

Background music is not always available. For instance, viewing or deleting multimedia files obtained through the Bluetooth® profiles will pause the music.

USB Connection

Allows you to select the PC connection mode for your device.

1. Touch .
2. Touch .
3. Touch **USB Connection** .
4. Select a submenu (below):
**USB Connection mode/
Setting Reminder**
5. Touch a setting.
 - USB Connection mode
**USB Modem/ USB Mass
Storage**
 - Setting Reminder
On/ Off

Safety

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and 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)

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

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 FCC guidelines (and those standards).

Antenna Care

Use only the supplied internal 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:

Don't 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 and always obey them. Also, if using

your phone while driving, please observe the following:

- 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 or the law require it.

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

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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 (6) 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;
- 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).

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 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. Switch OFF your phone before boarding an aircraft.

Blasting Areas

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 facilities; vehicles using liquefied

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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 times after reading it.

Caution! *Violation of the instructions may cause minor or serious damage to the product.*

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Use the correct adapter for your phone when using the battery pack charger abroad.

- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- The battery doesn't need to be empty before recharging.
- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or short-circuit the battery.
- 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, Browser, and data connectivity kits affect battery life and talk/standby times.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.

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.

Safety

- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty.
- When using the power plug, ensure that it's firmly connected. If 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.
- Don't 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.

- Do not disassemble or crush the battery. It may cause a fire.

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.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- 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 Center.
- 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 ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Safety

Warning! Important safety information

Avoiding hearing damage

Permanent hearing loss may occur if you use your phone and/or headset 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 be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use your phone and/or headset at high volume.

- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

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 operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using your phone if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

Avoiding hearing damage

Permanent hearing loss may occur if you use your headset 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 be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use headset at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

For information about how to set a maximum volume limit on your handset, please refer to the features guide for your handset.

Using headsets safely

Use of headsets to listen to music while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using this device if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.



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?

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 (RF) energy in the microwave range while being used. They also emit very low levels of RF when in 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 (RF)

energy 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 exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the

best possible information on possible effects of wireless phone use on human health.

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

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

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

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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 Radio Frequency (RF) energy 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 Radio Frequency (RF) energy 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 development 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 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 do not 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

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wireless phone RF exposures. However, none of the studies can answer questions about long-term 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 ten 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 Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research And Development Agreement (CRADA) to do research on wireless phone safety. The 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 Radio Frequency 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 Radio Frequency (RF) energy exposures. The FCC established these

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guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless phones 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 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 (RF) energy 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 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 guidelines.

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 concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to Radio Frequency (RF) energy. 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

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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 Radio Frequency (RF) energy, 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?

Radio Frequency (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from

wireless phone EMI.

The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a “compatible” phone and a “compatible” hearing aid at the same time. This standard was approved by the IEEE in 2000.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

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/cellphones/>)

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.hpa.org.uk/radiation/>)

10 Driver Safety Tips

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

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

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the

speed dial function without taking your attention off the road.

2. When available, use a hands-free device. A number of hands-free 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. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Don't 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. Do not get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

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

The above tips are meant as general guidelines. Before deciding to use your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations may prohibit or otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

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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 FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics 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 absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

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.

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 distance of 0.79 inches (2.0 cm) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 0.79 inches (2.0 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations

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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 emission guidelines.

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 0.706 W/kg. While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

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.

To find information that pertains to a particular model phone, 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 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.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

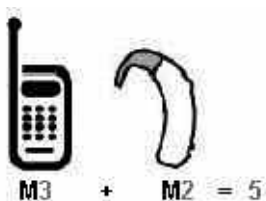
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be

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able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that’s acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are

recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

When you're talking over the cell phone, it's recommended you'd turn the BT (Bluetooth) mode off for HAC.

For information about hearing aids and digital wireless phones

FCC Hearing Aid Compatibility and Volume Control

<http://www.fcc.gov/cgb/dro/hearing.html>

Gallaudet University, RERC

<http://tap.Gallaudet.edu/DigWireless.KS/DigWireless.htm>

Hearing Loss Association of America [HLAA]

<http://www.hearingloss.org/learn/cellphonetech.asp>

The Hearing Aid Compatibility FCC Order

http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

Accessories

There are a variety of accessories available for your mobile phone. Consult your local dealer for availability. Optional items are sold separately.

Battery
Charger



USB Cable



Battery



Stereo Headset Adapter
with Microphone



Vehicle Power Charger



Stylus Pen



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 TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.
- (2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.
- (3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S, including Alaska, Hawaii, U.S. Territories and Canada.
- (4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.
- (5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.
- (6) The customer shall bear the cost of shipping the product to the Customer Service

Limited Warranty Statement

Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

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 shipping, blown fuses, spills of food or liquid.
- (3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- (4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.
- (5) Products which have had the serial number removed or made illegible.
- (6) 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 marketability or fitness for a particular use.

- (7) Damage resulting from use of non-LG approved accessories.
- (8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.
- (9) Products operated outside published maximum ratings.
- (10) Products used or obtained in a rental program.
- (11) Consumables (such as fuses).

3. WHAT LG WILL DO:

“LG will, at its sole option, either repair, replace or refund the

purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent re-conditioned, refurbished or new units or parts or any units. In addition, LG will not re-install or back-up any data, applications or software that you have added to your phone. It is therefore recommended that you back-up any such data or information prior to sending the unit to LG to avoid the permanent loss of such information.”

4. STATE LAW RIGHTS:

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.

Limited Warranty Statement

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

Some states do not allow the exclusive limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

5. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call or fax to the following telephone numbers from anywhere in the continental United States:

Tel. 1-800-793-8896 or Fax. 1-800-448-4026

Or visit <http://us.lgservice.com>. Correspondence may also be mailed to:

LG Electronics Service- Mobile Handsets

P.O. Box 240007, Huntsville, AL 35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS. Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.

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