LG

Life's Good

OWNER'S MANUAL

LG-AS680

www.lg.com

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the product operating instructions. To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

CAUTION: Connecting to improperly grounded equipment can result in an electric shock to your device. This product is equipped with a USB cable for connecting to a desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

Use the correct external power source
A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

Handle battery packs carefully

This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60°C (140°F).

WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

Take extra precautions

- Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
- Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
- The phone should be only connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- Do not use a battery that appears damaged, deformed, or discolored, or one that has any rust on its casing, overheats, or emits a foul odor.
- Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult a doctor immediately if the battery is swallowed.
- Only use the battery with a charging system that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.

- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- If the battery leaks:

  Do not allow the leaking fluid to come in contact with skin or clothing. If contact occurs, flush the affected area immediately with clean water and seek medical advice.

  Do not allow the leaking fluid to come in contact with eyes. If contact occurs, DO NOT rub; rinse with clean water immediately and seek medical advice.

  Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 140°F (60°C), such as on a car dashboard, window sill, or behind glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

PREVENTION OF HEARING LOSS

CAUTION: Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

SAFETY IN AIRCRAFT

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when its use is restricted on board an aircraft, remember to switch to Airplane Mode which turns off RF functions that could cause interference.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

ROAD SAFETY

Vehicle drivers in motion are not permitted to use communication services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your phone near metal structures (for example, the steel frame of a building).

- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.

- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.

- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is prohibited in most hospitals and medical clinics.

If you use any personal medical device(s), consult the manufacturer of your device(s) to determine if the device(s) are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. 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 be using equipment that could be sensitive to external RF energy.

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.

NON-IONIZING RADIATION

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety from interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for personal safety, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment. Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country. To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Table of Contents

Where to find the LG Optimus™ 2 user manual

PC PDF version:
http://www.lgusa.com/Optimus2/mobileuserguide

Mobile HTML version:
http://www.Lg.com/us/mobile-phone/Optimus2/userguide.html

NOTE   You can access the HTML version from your Browser's Bookmarks menu on your phone.

Technical Details

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 Communications
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 1x EV-DO Inter-Operability Specification for HRPD Access Network Interfaces Recommended Minimum Performance Standards for HRPD 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 those 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. 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.

Vehicle-Mounted External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user / bystander and vehicle-mounted 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.

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

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 you experience interference with reception (e.g., television), determine if this equipment is causing the harmful interference by turning the equipment off and then back on to see if the interference is affected. If necessary, try correcting 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.

* Service not available everywhere.

* Information subject to change.

Phone Overview

Front View

- ① Power/Lock Key
- ② Proximity Sensor
- ③ Quick Keys
  - Phone Key
  - Apps Key
  - Browser Key
- ④ Menu Key
- ⑤ Home Key
- ⑩ Earpiece
- ⑨ Touchscreen
- ⑧ Search Key
- ⑦ Back Key
- ⑥ Microphone

NOTES ● All screen shots in this guide are simulated. Actual displays may vary.

● Instructions to perform tasks in this guide are based on the default phone settings and may change depending on the software version on your phone.

1. **Power/Lock Key** Locks the screen with a single press. Press and hold to open the phone options menu for the following options: Silent mode, Airplane mode, and Power off.

2. **Proximity Sensor** Senses proximity toward other objects (such as your head) so that touch commands are not accidentally activated during a call.

NOTES ● Do not block the sensor or near sensor to avoid problems with the touch operations.

● The use of a film cover produced by manufacturers other than LG can cause a disturbance in touch operation, the display, etc.

3. **Quick Keys**

   - **Phone Key** Opens the **Phone** application for access to the dialpad, Call log, Contacts, and Groups.

   - **Apps Key** Opens the **Apps screen**, where you can view all your installed applications.

   - **Brower Key** Opens the **Browser** application.

4. **Menu Key** Opens an Options menu that affect the device's screen or applications.

5. **Home Key** Returns to the Home screen. If you're already viewing one of the Home screen extension panes, it navigates you to the central Home screen pane. Press and hold to view the most recently used applications.

6. **Microphone** Transmits your voice to the other caller and for Voice-activated functions.

7. **Back Key** Returns to the previous screen. Also closes pop-up display items, menus, dialog boxes, and onscreen keyboard.

8. **Search Key** Opens the Quick Search Box™ from the Home screen to search the phone and the web.

9. **Touchscreen** Displays all the information needed to operate your phone, such as applications, call status, date, time, signal status, and battery strength.

10. **Earpiece** Lets you hear callers and automated prompts.

Rear View

11 **3.5mm Headset Jack**

12 **Camera Lens**

13 **Back Cover**

11. **3.5mm Headset Jack** Allows you to plug in an optional headset for convenient, hands-free conversations. You can also plug in headphones to listen to music.

12. **Camera Lens** Use for taking pictures and recording videos. Keep clean for optimal performance.

13. **Back Cover** Encloses the battery compartment.

Side View

Ⓐ **Volume Keys**

Ⓑ **Accessory/ Charger Port**
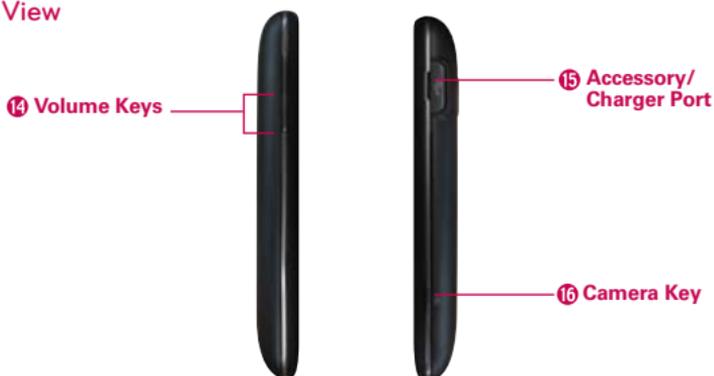
Ⓒ **Camera Key**

14. **Volume Keys** Allow you to adjust the ringer, media volumes, or the in-call volume during a call.

15. **Accessory/Charger Port** Allows you to connect the phone charger, USB cable, or other compatible accessories.

16. **Camera Key** Use for quick access to the Camera function.

Installing the Battery and microSD Card

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

Installing the battery

The phone comes with a rechargeable battery. Keep the battery charged while not in use in order to maximize talk, use, and standby time. The battery charge level is shown at the top right corner of the screen.

1 Use the fingertip cutout at the bottom of the phone to remove the back cover.

2 Align the battery contacts with the terminals in the battery compartment and push the battery down until it clicks into place.

3 Place the battery cover over the battery compartment, then press it downward until it clicks into place.

Removing the battery

Turn the power off. Remove the battery cover (as demonstrated in the previous instructions). Then use the fingertip cutout at the top left of the battery compartment to lift the battery out.

Inserting a microSD card

Turn the power off. Remove the battery cover (as demonstrated in the previous instructions). Locate the microSD card slot at the right edge of the phone (microSD is inscribed near the slot opening). Position the microSD card with the label side facing up and slide it into place until it is fully inserted and locked in place.

> **NOTE**   The microSD card can be easily damaged by improper operation. Please be careful when inserting, removing or handling it.

To remove the microSD card

Turn the power off. Remove the battery cover. Locate the microSD card slot at the right edge of the phone. Gently push the exposed edge of the microSD card to release it. Then gently pull it out to remove it.

> **NOTE**   A microSD card is pre-installed in the device.

To unmount the microSD card

It is important to unmount the card to avoid damage to the card or data saved on the card.

1. Touch the **Apps Key** .
2. Touch **Settings** > **Storage**.
3. Touch **Unmount SD card**.
4. Touch **OK** to confirm.

Charging the Phone

Your LG Optimus™ 2 comes with a wall/USB charger and a USB cable which connect together to charge your phone. To charge your phone:

> **NOTICE**
>
> Please use only an approved charging accessory to charge your LG phone.
> Improper handling of the Accessory/Charger Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

1. Connect the USB cable into the wall/USB charger. When connecting, as shown below, the LG logo on the USB cable should face toward you.

USB Cable Wall/USB Charger
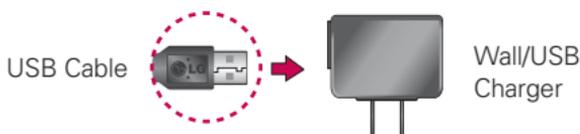
2. Plug the USB cable (as shown below) into the phone's Accessory/ Charger Port.

NOTE

Make sure the 'B' side is facing toward you when inserting the USB cable into the phone.

Charging with USB

You can use your computer to charge your phone. To be able to charge with the USB cable, you need to have the necessary USB drivers installed on your PC first. Connect one end of the USB cable to the Accessory/Charger Port on your phone and connect the other end to a USB port on your PC. It is best to use the rear USB port when connecting to a desktop PC. The USB hub should be powered by an external power source.

Optimizing Battery Life

You can extend your battery's life between charges by turning off features that run in the background. You can also monitor how applications and system resources consume battery power.

Tips to extend the life of your battery

▸ Turn off radio communications that you aren't using. If you aren't using Wi-Fi, Bluetooth, or GPS, use the Settings menu to turn them off (Note that the GPS receiver is only turned on when you're using an application that makes use of it).

▸ Turn down screen brightness and set a shorter screen timeout.

▸ Turn off automatic syncing for Gmail, Calendar, Contacts, and other applications if you don't need it.

▸ Use the Power Control widget to control the wireless connections, GPS connection, Bluetooth power, display brightness, and syncing activity.

To check the battery charge level

▸ Touch the **Apps Key** ▦ > **Settings** ◉ > **About phone** > **Status**. The battery status (Charging or Discharging) and level (as a percentage of fully charged) will be displayed at the top of the screen.

To monitor and control what uses the battery

The Battery use screen allows you to see which applications are consuming the most battery power. Information on this screen allows you to identify downloaded applications you may want to turn off when not being used, so you can get the most out of your battery power.

▸ Touch the **Apps Key** ▦ > **Settings** ◉ > **About phone** > **Battery use**. The screen will display battery usage time. Either how long since last connected to a power source, if connected to a power source, and how long you were last running on battery power. The list of applications or services using battery power are displayed in order of energy used, from greatest amount to least.

▸ Touch an application in the Battery use screen to see the details about its power consumption.

Different applications offer different kinds of information, and they may even include options to modify the settings so you can reduce power consumption by that application.

Setup Wizard

The first time you turn on your phone, the Setup Wizard guides you through signing in to your Google Account. If you don't have one, don't worry, the Setup Wizard will help you create one.

> **NOTE** This phone supports several applications and services. It is recommended that you purchase a data plan that meets your needs. Contact your service provider for details.

1. Press and hold the **Power/Lock Key** on the top edge of your phone to turn it on.

2. Touch the Android to begin the Setup Wizard. If you want to change the language, touch **Change language** and select the desired language.

3. Follow the Setup Wizard to configure your phone set up including creating or logging in to your Gmail Account.

> **NOTE** If you have an existing Google Account, your contacts from that account are synced to your phone.

Turning the Phone On and Off

Turning the phone on

▸ Press and hold the **Power/Lock Key** 〔ⓘ〕 for a couple of seconds until the screen turns on.

Turning the phone off

1. Press and hold the **Power/Lock Key** 〔ⓘ〕 until the pop-up menu appears.

2. Touch **Power off** in the pop-up menu.

3. Touch **OK** to confirm that you want to turn off the phone.

To unlock the phone

If you don't use the phone for a while, the screen and backlight will shut off to conserve battery power. To unlock the phone:

1. Press the **Power/Lock Key** 〔ⓘ〕.
   Your Lock Screen will appear.

2. Slide the Unlock icon 〔🔓〕 to the right to unlock the screen. The last screen you were working on opens.

   NOTE The default Lock Screen simply locks the screen to prevent unintentional actions. For more security to guard against unauthorized use, you can set a pattern, PIN, or password that will need to be entered after you slide the screen up to unlock.
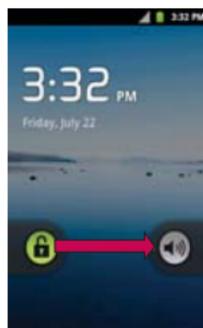
To turn the phone sounds off

If you're in a place where your phone sounds may disturb others, you can quickly silence your phone from the Home screen.

1. Press the **Power/Lock Key** 〔ⓘ〕, then unlock the screen.

2. Press and hold the **Power/Lock Key** 〔ⓘ〕, then touch **Silent mode**.

   OR

   Press the down **Volume Key** on the side of the phone 〔▭▭〕 until all sounds are turned off or vibration is set.

   NOTE The Vibrate setting in the Sound menu affects this mode. If the Vibrate setting is set to **Only when not in Silent mode** (or **Never**), then the down **Volume Key** turns all sounds off. If the Vibrate setting is set to **Only in Silent mode** (or **Always**), the down **Volume Key** will set the phone to vibrate.

Setting Up Your Device

When you turn on your wireless device for the first time, you have the option to quickly set up various accounts. Simply follow the on-screen instructions to complete the initial setup of your wireless device.

To set up your device, follow the steps below:

1. Touch the Android to begin the Setup Wizard. If you want to change the language, touch **Change language** and select the desired language.

2. Select whether to **Skip** or **Start** the Google Account setup. With a Google Account, Google applications are automatically synced between your phone and computer regardless of where you make an update. You can also touch **Create** to create a Google account.

3. Read the Location Consent and select the Location settings (Wireless networks/ GPS satellites), then touch **Next**.

4. Touch the **Finish setup** button to start using the phone.

Setting up your Google Account

The first time you open a Google application on your phone, you will be required to sign in with your existing Google account. If you do not have a Google account, you will be prompted to create one.

1. At the setup screen, touch **Create** or **Sign in**.

2. Enter your username and password and any other necessary information (if creating an account).

   NOTE Press the Back Key 🔙 to close the keyboard.

3. Touch **Sign in**.

   Now your Gmail, Google Contacts, and Google Calendar events will all be loaded to your phone automatically.

   You can use the area below to record your Google Account information for future reference.

   Username:_____@gmail.com

   Password:_____

4. Once you have set up your Google account on your phone, it will be automatically synchronized with your Google account on the web (depending on your synchronization settings).

Your Google Account

You must sign into a Google Account to use Gmail, Google Talk, Google Calendar, and other Google Apps; to download applications from Android Market; to back up your settings to Google servers; and to take advantage of other Google services on your phone.

IMPORTANT

- If you want to restore your settings to this phone, from another phone that was running Android release 2.0 or later, you must sign into your Google Account now, during setup. If you wait until after setup is complete, your settings are not restored.

- If you don't have a Google Account, you're prompted to create one.

- If you have an enterprise account through your company or other organization, your IT department may have special instructions on how to sign into that account.

- When you sign in, your contacts, Gmail messages, Calendar events, and other information from these applications and services on the web are synchronized with your phone.

- If you don't sign into a Google Account during setup, you are prompted to sign in or to create a Google Account the first time you start an application that requires one, such as Gmail or Android Market.

- When you sign in, you're prompted to enter your username and password, using the on-screen keyboard.

Viewing the Display Screen

The Status Bar appears at the top of the screen. It displays icons indicating that you've received notifications (on the left) and icons indicating the device's status (on the right), along with the current time.

Notification icons   Status icons

If you have more notifications than can fit in the Status Bar, a plus icon ⊕ prompts you to open the Notifications panel to view them all.

The following icons indicate the status of your phone.

Status Bar – Service Icons	
▂▃▅	**Signal Strength** – Shows your current signal strength. (More bars = stronger signal.)
▓▌	**No Service** – Your phone cannot find a usable signal.
▓	**3G Connected** – Indicates that 3G data service is available.
▓	**3G In Use** – Indicates that 3G data service is in use.
▓	**1x Data Connected** – Indicates that 1x data service is available.
▓	**1x Data Service In Use** – Indicates that 1x data service is in use.
∗	**Bluetooth On** – Indicates that Bluetooth is on.
⸙	**Bluetooth Connected** – Indicates that the phone is connected to a Bluetooth device.
○	**GPS On** – Indicates that GPS is on.
◉	**GPS Communicating** – Indicates that the device is receiving location data from GPS.
△	**Roaming** – Your phone is "roaming" off wireless service provider's network.
▓▌	**Airplane Mode** – Indicates that the device is in Airplane Mode.

Status Bar – Status Icons	
🌀	**Speakerphone On** – Indicates that Speakerphone is on.
📵	**No microSD** – Indicates that no microSD card is installed.
📳	**Vibrate Mode** – Indicates that the ringer volume is set to vibrate and any sounds are silenced.
🔇	**Ringer Silenced** – Indicates that all sounds are turned off.
🔇	**Muted** – Indicates that phone microphone is muted.
🔋	**Very Low Battery** – Indicates that battery is very low.
🔋	**Low Battery** – Indicates that battery is low.
🔋	**Battery Drained (40%)** – Indicates that battery is partially drained.
🔋	**Battery Full** – Shows your current battery charge level. (Icon shown is fully charged.)
🔋	**Battery Charging** – Indicates that battery is charging.
🔋	**Unknown Battery** – Indicates that an unknown battery is inserted.
⏰	**Alarm Clock** – Indicates that an alarm is set.
✉	**New Gmail Message** – Indicates a new Gmail message.
💬	**New Text or Multimedia Message** – Indicates you have received a new text or multimedia message.
✉	**New Email** – Indicates a new Email message.
❗	**Problem With Text Or Multimedia Message Delivery** – Indicates a text or multimedia message is undeliverable.
💬	**New Google Talk Message** – Indicates you have received a new Google Talk message.
☎	**New Voicemail** – Indicates you have received a new voicemail message.
🔄	**Data Is Syncing** – Application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.

Status Bar – Status Icons	
⚠	**Problem With Sign-In Or Sync** – There has been an issue with your connection to the Google server, or you were not properly signed into your account. In order to use Google application or sync features, you must set up and sign into an active Google account.
⊙	**Full microSD Card** – Indicates that microSD card is full.
📶	**An Open Wi-Fi Network Available** – Indicates that an open Wi-Fi network is available.
ψ	**USB Connected** – The device has detected an active USB connection.
🤖	**USB Debugging Connected** – The device has detected an active USB connection and is in a USB Debugging mode.
➕	**More Notifications Not Displayed** – Indicates that there are more notifications which are not displayed in the Status Bar.
📞	**Call In Progress** – Indicates that a call is in progress.
📞	**Call In Progress Using Bluetooth Headset** –Indicates that a call is in progress using the Bluetooth headset.
📞	**Call Being Forwarded** – Indicates that a call is being forwarded.
📞	**Call On Hold** – Indicates that a call is on hold.
📵	**Missed Call** – Indicates that you have missed calls.
⬆	**Uploading Data** – Indicates that your device is uploading data.
⬇	**Downloading Data** – Indicates that your device is downloading data.
☑	**Download Finished** – Indicates that a download is complete.
▶	**Song Is Playing** – Indicates that a song is playing.
⚠	**Carrier** data use threshold approaching or exceeded.
TTY	**TTY** – Indicates that your phone is operating in TTY mode.
🔳	**Tethering Active** - Indicates that USB tethering is active.
◎	**Tethering and Hotspot Active** - Indicates that both USB tethering and Portable Wi-Fi hotspot are active.
📶	**Portable Wi-Fi hotspot Active** - Indicates that Portable Wi-Fi hotspot is active.

Getting to Know the Home Screen

The Home screen is your starting point to access all the features on your phone. It displays application shortcuts, icons, widgets, and other features.

Status Bar
Shows device status information, including the time, signal strength, battery status, and notification icons.

Application Icon
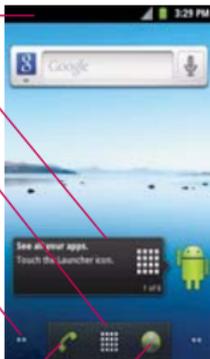Touch an icon (application, folder, etc.) to open the application and use it.

Apps Key
Touch to open the Apps screen to view all of your installed applications.

Quick Keys
Touch a Quick Key for easy, one-touch access to the phone functions used most often.

Touch to make a call.

Touch to open the browser.

Quick Keys

The Quick Keys are located at the bottom of the Home screen.

  : Opens the **Phone** application which displays the dialpad so you can dial an unsaved number. It also provides additional tabs to access the Call log, Contacts, and your Favorites.

  : Opens the **Apps screen** and displays all currently installed applications.

  : Opens the **Browser** application.

To return to the Home screen

▶ Press the **Home Key**   at any time, from any application.

To view other Home screen panes

▶ Slide your finger left or right across the Home screen. The Home screen spans seven screen widths, allowing more space for icons, widgets, shortcuts, and other items.

Home Screen Pane Indicator
The dots at the bottom left and right corners indicate which Home screen pane you are viewing.

Touchscreen

Your touchscreen provides an excellent way to interact with and use your Android phone. With the touch of your finger, you can download and use available applications, make menu selections, and access data saved to your phone.

The following terms are used for describing the different available actions using the touchscreen:

Touch A single finger touch selects items. For example, touch an icon (e.g., application or menu item), touch words (e.g., menu selection or to answer on-screen question), or touch letters and numbers to type.

Touch and hold Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs. For example, to open a context menu for customizing the Home screen, touch an empty area on the Home screen until the context menu appears.

Drag Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. You can drag items on the Home screen to reposition them.

Swipe or slide Quickly move your finger across the surface of the screen, without pausing when you first touch it (so you don't drag an item instead). For example, you can slide (move) the screen up or down to scroll a list, or browse through the different Home screens by swiping from left to right (and vice versa).

Double-tap Double-tap to zoom a web page or a map. For example, quickly double-tap a section of a web page to zoom that section to fit the width of the screen. You can also double-tap to control the zoom in Maps and in other applications.

Pinch-to-Zoom Use your index finger and thumb in a pinch or spread motion to zoom in or out when using the browser, a map, or pictures. This motion can also be used to expand or compress the Apps screen items.

Rotate the screen From many applications, the orientation of the screen rotates with the phone as you turn it from upright to sideways and back again.
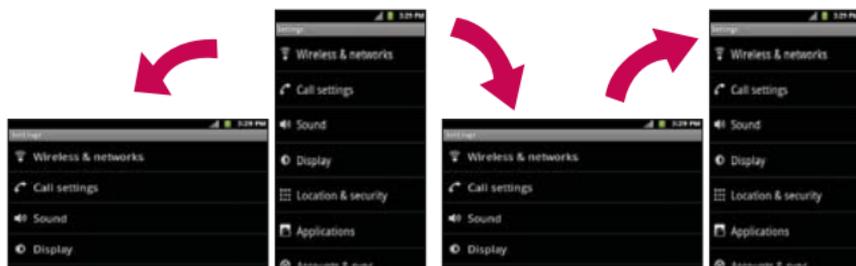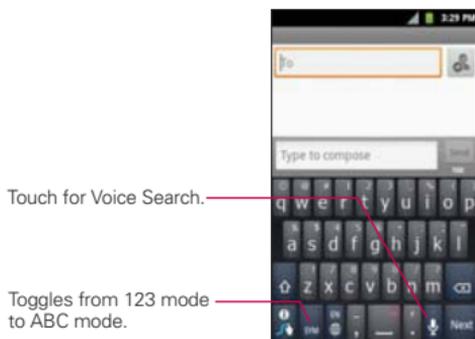

Rotate the phone sideways for landscape orientation.

Rotate the phone upright for portrait orientation.

Text Input Methods

On-screen Keyboard

You can easily enter text using the on-screen keyboard. The on-screen keyboard displays automatically when you need to enter text. To manually display the keyboard, simply touch a text field where you want to enter text.

Touch for Voice Search.

Toggles from 123 mode to ABC mode.

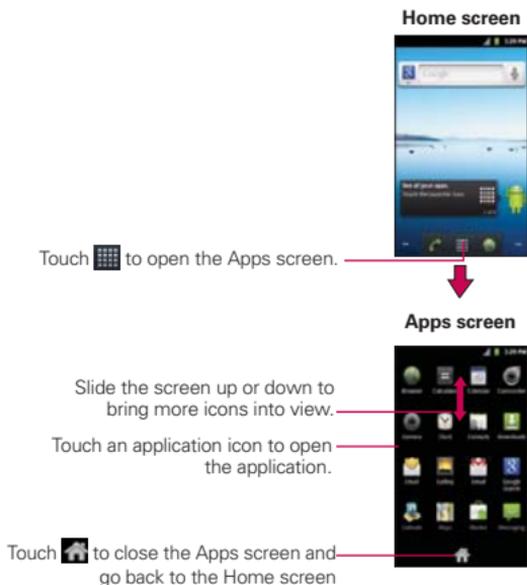| Typing tips	
Enter other characters	From the letters keyboard, touch ⌨ to return to the numbers keyboard.
Enter one capital letter	Touch Shift ⇧.
Enter all capital letters	Touch Shift ⇧ twice. Touch again to revert to lowercase.
Cut or copy selected text	Touch and hold the text, then touch **Select word** or **Select all**. Touch the text to select **Cut** or **Copy**. **NOTE** If you **Select word**, you can manually move the text selection markers as needed.
Paste cut or copied text	Touch and hold the location to paste the text, then touch **Paste**.
Delete a character	Touch Delete ⌫. (hold to delete faster)

Text input settings

To change your text entry settings and see the dictionary of terms you've used, from the Home screen, touch the **Apps Key** ⌗ > **Settings** ⚙ > **Language & keyboard**.

- To change the default language, touch **Select language**.

Applications: How to View, Open and Switch

All of the applications on your phone, including any applications that you downloaded and installed from Android Market™ or other sources, are grouped together on the Apps screen, which you access from your Home screen. If you have more applications than can fit on the Apps screen, you can slide the screen up or down to view more.

Home screen

Touch ▦ to open the Apps screen.

Apps screen

Slide the screen up or down to bring more icons into view.

Touch an application icon to open the application.

Touch 🏠 to close the Apps screen and go back to the Home screen

Opening and Closing the Apps screen

Opening the Apps screen

With your LG Optimus™ 2, it's easy to access the Apps screen no matter what feature you're currently using. Simply press the **Home Key** 🏠 , then touch the **Apps Key** ▦ .

Closing the Apps screen

To manually close the Apps screen and go back to the Home Screen, press the **Home Key** 🏠 or touch **Home** 🏠 .

NOTE The Apps screen closes automatically when you touch an icon to open its application. Dragging an icon onto your Home screen also closes the Apps screen automatically.

Opening and Switching Applications

Multi-tasking is easy with Android™ because open applications keep running even when you open another application. There's no need to quit an application before opening another. You can use and switch among several open applications. Android manages each application, stopping and starting them as needed, to ensure that idle applications don't consume resources unnecessarily.

Opening an application

▶ Open an application simply by touching its icon on the screen.

TIP!   You can customize your Home screen with the application icons you use most often. Applications are located on the Apps screen, but you can copy any application icon to your Home screen for faster access. No matter where the icon is, on the Apps screen or your Home screen, just touch it to open and use it.

Opening multiple applications

1. Touch an application icon to open it.

2. Press the **Home Key** 🏠.

   NOTE If the application icon you want is on your Home screen, simply touch the icon to open and use it.

3. Touch the **Apps Key** ▦.

4. Touch the icon for the other application you want to open.

Switching between multiple applications

1. Press and hold the **Home Key** .
   A screen with the icons of applications that you've used recently will appear.

2. Touch the application icon you want to open or press the **Back Key** to return to the current screen.
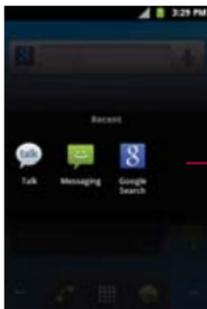
Touch an icon to open an application you've used recently.

Adding application icons to the Home screen

Customize your Home screen with the applications you use most often.

1. Open the Apps screen.

2. Touch and hold the application icon you want to add to your Home screen. Your Apps screen will close so that you can place the icon on the Home screen.

3. Lift your finger to place it or drag the icon to where you want it on the screen, then lift your finger.

   NOTE You can place application icons on any of the Home screen panes. Simply drag the icon to the left or right edge of the screen to advance to the other screen panes before lifting your finger.

Working with Menus

There are two kinds of Android menus: Options menus and Context menus.

Options menus

Options menus contain tools that apply to the activities of the current screen or application, not to any specific item on the screen. To open the available Options menu, press the **Menu Key** ◫. Not all applications have Options menus; if you press the **Menu Key** ◫ on a screen that has no Options menu, nothing will happen.

Some applications have more Options menu items than can fit in the Options menu pop-up. To view the additional menu items, touch More.
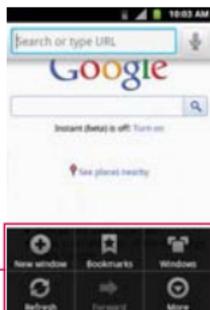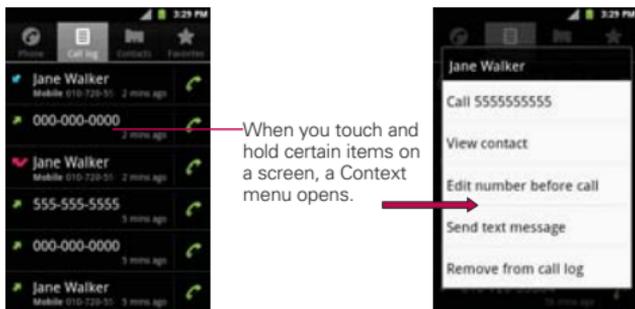

Press the **Menu Key** ◫ to open an Options menu.

Touch **More** ◉ for additional options.

Context menus

Context menus contain options that apply to a specific item on the screen. To open a Context menu, touch and hold an item on the screen. Not all items have Context menus. If you touch and hold an item that has no Context menu, nothing will happen.

When you touch and hold certain items on a screen, a Context menu opens.

Managing Notifications

Notification icons report the arrival of new messages, calendar events, alarms, as well as ongoing events, such as when you are in a call.

When you receive a notification, the notification icon will be displayed in the Status Bar. You can open the Notifications panel to view a list of all recent notifications. Depending on your settings, you may hear a notification sound and/or the phone may vibrate.
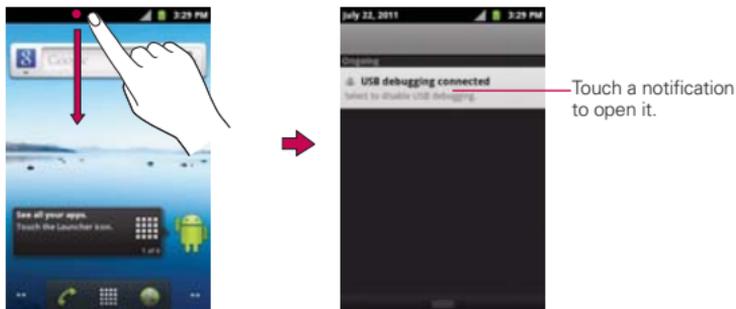
To open the Notifications panel

‣ Touch and drag the Status Bar to the bottom of the screen.

   OR

‣ From the Home screen, press the **Menu Key** and touch **Notifications**.

   The Notifications panel displays your wireless provider and a list of your current notifications, organized into ongoing and event-based notifications.

   NOTE The Status Bar is sensitive to the drag motion so just beginning the downward drag will open the Notifications panel.

Touch a notification to open it.

To respond to a notification

1. Open the Notifications panel. Your current notifications are listed in the panel, each with a brief description.

2. Touch a notification to view it.

   The Notifications panel will close and the application that corresponds to your response will open. For example, new voicemail notifications dial your voicemail box and Gmail notifications open the Gmail application so you can read your new messages.

To clear all notifications

1. Open the Notifications panel.

2. Touch the **Clear** button.
   All event-based notifications will be cleared; ongoing notifications will remain in the list.

To close the Notifications panel

Touch and drag the tab at the bottom of the Notifications panel to the top of the screen or just press the **Back Key** .
The panel will also close when you touch a notification.

> **NOTE** The Notifications tab at the bottom of screen is sensitive to the drag motion so just beginning the upward drag will close the panel.

Searching Your Phone and the Web

You can search for information on your phone and on the web by using the Google search application.

Some applications, such as Gmail, Contacts, and Browser have the ability to search contents within those specific applications.

You can conduct the search by typing in the search terms or saying what you're looking for. Typing can be useful because the search application can provide suggestions so you don't necessarily have to type out your full request.

Phone and Web search using text entry

1. Press the **Search Key** 🔍.

   When you press the **Search Key** 🔍 on the Home screen or in other applications that support this, the Quick Search Box will open automatically.

   Voice Search
   Touch to search by voice.

   Provides a shortcut to see matching search items.
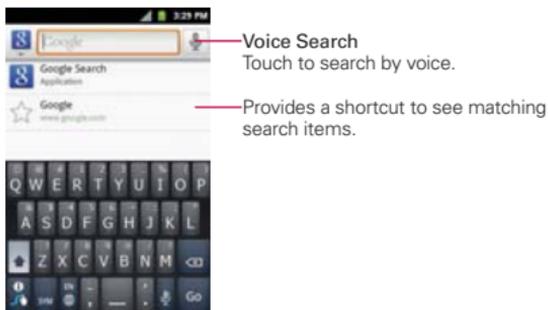
   In some applications, such as Gmail, Contacts, and Browser, the application's own search box opens when you press the **Search Key** 🔍. This is indicated by the application's icon on the left side of the search box.

2. Enter the text you're searching for in the Quick Search Box.

As you type, search results from your phone, previous search terms, and web search suggestions appear. Touch an item to activate that search result.

You can use the Search preferences to configure some aspects of Google web search (for example, whether it makes suggestions below the Quick Search Box as you type), and what phone features you want to include in searches. To access Google settings, open the Google Search application and press the **Menu Key** and touch **Search settings**.

3. Touch Go to search for the entered terms.

> **TIP!** You can touch the Google icon in the top left corner to select where to conduct the search. Choices include **All**, **Web**, **Apps**, and **Contacts**.

Locking the Screen

Your LG Optimus™ 2 phone automatically utilizes a default Lock Screen to simply prevent unintentional function activation. You can choose to secure your phone so that only you can unlock it to make calls, access your data, buy applications, and so on. For added security to guard against unauthorized use, you can set a pattern, PIN, or password that will need to be entered after you slide the screen up to unlock.

Setting an Unlock Pattern, PIN, or Password for the First Time

1. Touch the **Apps Key** > **Settings** > **Location & security**.

2. Touch **Set up screen lock** (under the **Screen unlock** section of the settings).

3. Touch **Pattern**, **PIN**, or **Password**.
   Pattern: The first time you set an unlock pattern, you will see a tutorial with instructions on how to create it. Read the tutorial and touch **Next**

(twice). Draw your pattern (connect at least 4 dots) and touch **Continue**. Then redraw your pattern and touch **Confirm**.

PIN: Enter a PIN (at least 4 digits) and touch **Continue**. Reenter your PIN and touch **OK** to confirm it.

Password: Enter a password (at least 4 characters) and touch **Continue**. Reenter your password and touch **OK** to confirm it.

From then on, any time you wish to turn the phone on or unlock the screen, you will need to draw your unlock pattern or enter your PIN or password to unlock the screen.

Changing Your Unlock Pattern

1. Touch the **Apps Key** ▦ > **Settings** ⚙ > **Location & security**.

2. Touch **Change screen lock** (under the **Screen unlock** section).

3. Draw your current unlock pattern.

4. Touch **Pattern** to change it (or touch **None** to remove it).

5. You're prompted to draw and redraw your new pattern.

Using a PIN or Password to Lock the Screen

1. Touch the **Apps Key** ▦ > **Settings** ⚙ > **Location & security**.

2. Touch **Set up screen lock** or **Change screen lock** if you have a security feature already enabled (under the **Screen** unlock section).

3. Touch **PIN** to lock the screen with a number sequence or touch **Password** for an alphanumeric lock sequence.

4. You're prompted to enter and reenter the lock sequence.

From then on, you will need to enter the sequence and touch the **OK** button to unlock the screen.

> **NOTES**
> - You have 5 opportunities to enter your unlock pattern, PIN or password. If you used all the 5 opportunities, you can try again after 30 seconds.
> - When you can't recall your unlock pattern:
>   - If you've created a Google Account on the phone, touch **Forgot pattern?**. Then you are required to sign in with your Google Account to unlock your phone.
>   - If you haven't created a Google Account on the phone, you need to perform a factory reset (Caution: If you perform a factory reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a factory reset).

1. Turn the power off.
2. Press and hold the following keys at the same time for less than 8 seconds:
   Power/Lock Key + the down **Volume Key** + **Home Key**.
3. You will enter the Android system recovery mode
4. Press the down Volume Key to scroll to **wipe data/factory reset** and press [img] to
   select it.
5. Press the down Volume Key to scroll to **Yes -- delete all user data** and press [img]
   to select it.
6. After the data wipe is complete, press the down Volume Key to scroll to **reboot
   system now** and press [img] to select it.

Customizing the Home Screen

You can personalize your Home screen by adding application icons,
shortcuts, widgets, and other items to any Home screen pane. You can also
change the wallpaper.

To add an item to the Home screen

1. Go to the Home screen pane where you want to add the item.

2. Press the **Menu Key** [img] and touch **Add**. Or, just touch and hold an
   empty spot on the Home screen pane.

   NOTE If there is no available space on a particular Home screen pane, **Add** will not be available;
   you must delete or remove an item before you can add another item. In this case, you
   have the option of switching to another Home screen pane.

3. In the menu that opens, touch the type of item to add.

You can add the following types of items to the Home screen:

Widgets Add any of a variety of widget applications to your Home screen,
including a music player, a picture frame, a power control, a calendar of
upcoming appointments, and a News & Weather feed. Note that more
widgets can also be found on Android Market™.

Shortcuts Add shortcuts to applications, Bookmark, Contact, a destination
in a music playlist, and more. The shortcuts available depend on the
applications you have installed.

Folders Add a folder where you can organize other Home screen shortcuts and icons, or folders that contain all your contacts, contacts with phone numbers, or starred contacts. Your folders' contents are kept up-to-date automatically.

To move an item on the Home screen

1. Touch and hold the item.
2. Drag the item to a new location on the screen.
   Pause at the left or right edge of the screen to drag the item onto the next available Home screen pane.
3. When the item is where you want it, lift your finger.

To remove an item from the Home screen

1. Touch and hold the item (note that the Quick Keys change to an icon of a trash can).
2. Drag the item to the trash can icon 🗑.
3. When the trash can icon turns red, lift your finger.

To change the Home screen wallpaper

1. From the Home screen, press the **Menu Key** ▣ and touch **Wallpaper**. You can also touch and hold an empty spot on the Home screen and then touch **Wallpapers** in the menu that opens.
2. Touch **Gallery**, **Live wallpapers**, or **Wallpapers**.
   ▸ Touch **Gallery** to use a picture on your phone as a wallpaper. You can crop the picture before setting it as a wallpaper.
   ▸ Touch **Live wallpapers** to open a list of animated wallpapers installed on your phone. Live wallpapers can change according to the time of day, respond to touching the screen, tell the time, or offer other information.
   ▸ Touch **Wallpapers** to open a screen of wallpaper images that come with the phone. Slide the thumbnail images left and right to view the available images.
3. Touch **Set wallpaper** or **Save** (if necessary).

To rename a folder

1. Touch the folder icon to open it.
2. Touch and hold the folder window's title bar.
3. Enter the new folder name.
4. Touch the **OK** button.

Connecting Quickly With Your Contacts

As you build up your list of contacts on your phone, you can use Quick Contact for Android to quickly chat, email, text message, place a call, or to locate your contacts. Quick Contact for Android is a special set of icons that you can use to quickly and easily connect to a contact.

▶ Open your Contacts list and touch the contact's picture. A bubble will open with the available options, displayed as icons. This is the Quick Contact bubble. Depending on the contact information saved, the available actions will be displayed above the name.

▶ Touch a Quick Contact icon to communicate with the contact. Depending on the icon you've touched, a different application will open.
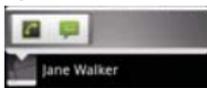
If you add a shortcut for a contact to your Home screen, you will be able to use it to open Quick Contact for that contact.

Connecting to Mobile Networks

When you buy your phone and sign up for service, your phone is configured to use your provider's mobile networks for voice calls and for transmitting data.
Different locations may have different mobile networks available.
Initially, your phone is configured to use the fastest mobile network available for data. You can also configure your phone to access a different set of networks entirely, or to behave in specific ways when roaming.

The icons in the Status Bar indicate which kind of data network you're connected to and the network signal strength.

3G	Connected to the 3G network (EVDO revA)
1x	Connected to a 2G network (1x)
.ɪɪl	The more bars that are lit, the stronger the wireless signal
△	Connected to another wireless service provider's network (roaming)

When connected to slower networks, you may want to postpone using your phone for data-intensive tasks until you are connected to a faster network again or find a Wi-Fi network to connect to.

To disable data when roaming

You can prevent your phone from transmitting data over other carriers' mobile networks when you leave an area that is covered by your carrier's networks. This is useful for controlling expenses if your cell plan doesn't include data roaming.

1. Touch the **Apps Key** ▦ > **Settings** ⚙ > **Wireless & networks > Mobile networks > Data roaming**.

2. Touch **Data roaming** to remove the checkmark from the box. With **Data roaming** uncheckmarked, you can still transmit data with a Wi-Fi connection.

Connecting to Wi-Fi Networks

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.

To use Wi-Fi on your phone, you must connect to a wireless access point, or "hotspot." Some access points are open and you can simply connect to them. Others are hidden or implement other security features, so you must configure your phone so it can connect to them.

Turn off Wi-Fi when you're not using it, to extend the life of your battery.

The following Status Bar icons indicate your Wi-Fi status.

🟢	Connected to a Wi-Fi network (waves indicate connection strength)
📶	Notification that an open Wi-Fi network is in range

When you connect to a Wi-Fi network, the phone obtains a network address and other information it needs from the network, using the DHCP protocol. To configure the phone with a static IP address and other advanced settings, from **Wi-Fi settings** press the **Menu Key** 🔲 and touch **Advanced**.

To turn Wi-Fi on and connect to a Wi-Fi network

1. Touch the **Apps Key** ▦ > **Settings** 🔘 > **Wireless & networks** > **Wi-Fi settings**.

2. If the Wi-Fi box is not checkmarked, touch **Wi-Fi** to turn it on and scan for available Wi-Fi networks.

3. Touch a network to connect to it.

   • If the network is open, you will be prompted to confirm that you want to connect to that network by touching **Connect**.

   • If the network is secured, you will be prompted to enter a password (ask your network administrator for details).

   • When you're connected to a network, you can touch the network name in the Wi-Fi settings screen for details about the speed, security, address, and related settings.

To receive notifications when open networks are in range

By default, when Wi-Fi is on, you receive notifications in the Status Bar when your phone detects an open Wi-Fi network.

1. Turn on Wi-Fi, if it's not already on.

2. From the Wi-Fi settings screen, touch **Network notification** to checkmark the box. Touch again to remove the checkmark and stop receiving notifications.

To add a Wi-Fi network

You can add a Wi-Fi network so the phone will remember it, along with any security credentials, and connect to it automatically when it is in range. You can also add a Wi-Fi network manually if it does not broadcast its name (SSID) or if you want to add a Wi-Fi network when you are out of its range. To add a secured network, you need to contact the network's administrator to obtain the password or other required security credentials.

1. Turn on Wi-Fi, if it's not already on.

2. From the Wi-Fi settings screen, touch **Add Wi-Fi network**.

3. Enter the **Network SSID** (name) of the network.
   If the network is secured, touch **Security** and touch the type of security deployed on the network.

4. Enter the required passwords and security credentials.

5. Touch the **Save** button.

   The phone will connect to the wireless network. Any credentials that you entered are saved, so you are connected automatically the next time you come within range of this network.

To forget a Wi-Fi network

You can make the phone forget about the details of a Wi-Fi network that you added. For example, if you don't want the phone to connect to it automatically or if it's a network that you no longer use.

1. Turn on Wi-Fi, if it's not already on.

2. In the Wi-Fi settings screen, touch and hold the name of the network that you want to forget.

3. Touch **Forget network** in the Context menu that opens.

USB tethering

You can tether your phone to your computer with a USB cable to share your phone's internet connection with your computer.

To use USB tethering, you need to touch **Settings** > **Connectivity** > **Default connection mode** > **Charge only**.

Then go to **Settings** > **Wireless & networks** > **Tethering & portable hotspot** and check between **USB tethering** and **Portable Wi-Fi hotspot**.

You can always get the information by selecting **Wireless & networks** > **Tethering & portable hotspot** > **Help**.

USB connection

USB connection is a feature that allows your LG Optimus™ 2 to connect to a PC using a USB cable.

▸ Allows the phone to be used as Mass storage when a microSD card is present in the LG Optimus™ 2. It allows transfer of unprotected content from the phone to the PC and vice versa.

> **NOTE** User content such as photos, videos, and voice recordings can be stored on a removable microSD card that is inserted in the LG Optimus™ 2.

To select USB mode for connection

1. Touch the **Apps Key** ▦ > **Settings** > **Connectivity** > **Default connection mode**.

2. Touch **Mass storage** to connect to the PC for Autorun.

▸ Touch **Charge only** to use only the charging function and not the USB function.

Always ask

You can choose to be asked to confirm the USB connection when connecting to a computer.
When **Always ask** is checkmarked, the USB selection window is displayed.

Using the Status Bar to change the settings

The Status Bar shows the current USB connection mode so you can easily open the Status Bar and change the settings as needed.

When connected via USB, the current USB connection mode also appears on the Notifications panel. Touch the connection setting to display a screen where you can change the USB connection mode.

> **NOTE** If the **Always ask** checkbox is marked, the screen is only provided during USB connection, but is not provided in the notification area.

microSD Card

Unmounting and removing the microSD Card

To safely remove the microSD card from your device, first you need to unmount the microSD card before removing it from the phone.

> **WARNING!**
>> On the Android OS 2.2, you can download applications from Android Market and can store them on the microSD card as well as on the device. Therefore, skipping the unmount procedure can cause a serious error between the microSD card and the device. In the worst case, the microSD card can become corrupted or damaged.

1. Touch the **Apps Key** ▦ > **Settings** ⊙ > **Storage** > **Unmount SD card**.

   > **NOTE** A warning message may be displayed if applications will stop when you unmount the microSD card. Touch the **OK** button to proceed.

   Now you can safely remove the microSD card.

2. Remove the back cover.

3. Gently push the exposed edge of the microSD card in with your fingertip to release it from the slot.

4. Carefully pull the microSD card out of the slot.

   > **NOTE** You can easily damage the microSD card and its adapter by improper operation. Please be careful when inserting, removing, or handling them.

microSD Card Settings

Viewing Memory in the microSD Card

1. Touch the **Apps Key** ▦ > **Settings** ⊙ > **Storage**.

2. Review the available information.

   The storage capacity page is divided into two sections: SD card and Internal storage.

Formatting the microSD Card

Formatting a microSD card permanently removes all files stored on the card.

1. Touch the **Apps Key** ▦ > **Settings** ⚙ > **Storage**.

2. Touch **Unmount SD card** to release the microSD card from device use.

   NOTE A warning message may be displayed if applications will stop when you unmount the microSD card. Touch the **OK** button to proceed.

   An icon appears within the Notifications panel to indicate an unmounted microSD card.

3. Once released, touch **Erase SD card** > **Erase SD card** > **Erase everything**.

   Once completely formatted, the card is automatically re-mounted (reconnected for use by the device).

   NOTE The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

Connecting Your Device to Your Computer

Before using your device's mass storage capabilities, you need to prepare your device's data services to synchronize with your desktop or laptop computer. Once you have connected the device to the computer, you can transfer your data to or from the device memory.

Placing and Ending Calls

You can place calls using the **Phone** application. Calls can be manually dialed using the **Phone** tab. You can also dial from your phone's memory using the **Call log** tab, the **Contacts** tab, or the **Groups** tab.

To open the Phone application

▶ From the Home screen, touch the **Phone Key** 📞 in the Quick Keys bar.

To place a call by dialing

1. Open the **Phone** application.

To dial an international number, touch and hold **0+** to enter the plus (+) symbol. Then enter the international prefix for the country; followed by the full phone number.

Touch to erase a digit. Touch and hold to erase the entire number.

Touch the **Call Key** 📞 to dial the number that you entered.

2. Touch the keys on the dialpad to manually enter a phone number.

   • If you enter a wrong number, touch the **Delete Key** ⌫ to erase digits one by one.

   • To erase the entire number, touch and hold the **Delete Key** ⌫.

   • To dial an international number, touch and hold the **0+** key to enter the plus (+) symbol. Then, enter the international prefix for the country; followed by the full phone number.

3. Touch the **Call Key** 📞 to dial the number that you entered.

- You can use other phone features while the call is underway. If you open another application, the Call icon appears in the Status Bar for the duration of the call.

- Press the **Volume Keys** to adjust the call volume.

- Use the on-screen buttons to enter additional numbers, place the call on hold and take an incoming call, add another call, use the speakerphone, end the call, and other options.

  NOTE If you opened other applications while on a call, you'll need to return to the Call screen to end the call. You can press the **Home Key** , then touch the **Phone Key** or drag the Notifications panel down and touch the **Call** icon .

Airplane mode

Some locations may require you to turn off your phone's wireless connections by placing your phone in Airplane mode.

1. Press and hold the **Power/Lock Key** .

2. Touch **Airplane mode**.

  NOTE The Wireless & networks setting also has a checkbox to enable or disable Airplane mode.

Answering or Rejecting Calls

When you receive a phone call, the Incoming call screen opens with the caller ID and any additional information about the caller that you have saved in the Contacts list. All incoming calls are recorded in the Call log.

To answer a call

‣ Simply drag the **Answer button** 📷 to the right.

‣ If you were already on a call, drag the **Answer call** button 📷 to the right to place the first call on hold while you answer the new call.

NOTE To silence the incoming call ringer, press the **Volume Keys**.

Slide right to answer the call.

Slide left to decline the call.
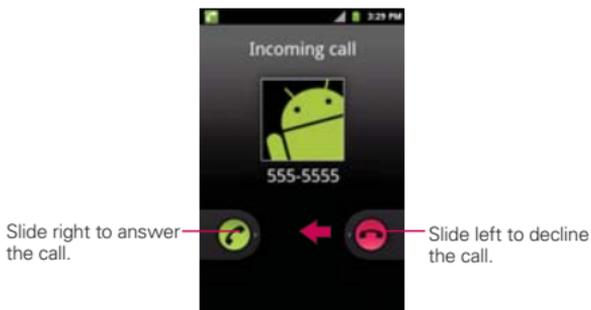
To decline a call and divert it to voicemail

‣ Simply drag the **Decline button** 📷 to the left.

‣ The caller is sent directly to your voicemail box to leave a message.

**NOTE** To silence the ringer, press the **Volume Keys**.

Working with the Call Log

The Call log is a list of all the calls you've dialed, received, or missed. It offers a convenient way to redial a number, return a call, or add a number to your Contacts.

To open the Call log

▶ Touch the **Phone Key** (from the Quick Keys bar) and then the **Call log** tab at the top of the screen.

Calls are listed in the **Call log** tab. The most recent calls are located at the top of the list. Scroll down to see older entries.
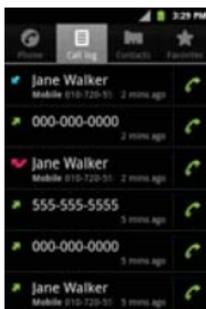
To dial a number in the Call log

▶ From the Call log, touch the **Call icon** at the right of the call entry. You can also touch and hold the entry to open a context menu with more options to communicate with that contact in other ways.

To add an entry's number to your Contacts

1. Touch and hold the call entry.

2. Touch **Add to contacts**.

3. Touch **Create new contact** or choose an existing contact to add the new number to.

To take other actions on a Call log entry

‣ Touch a Call log entry to open a screen from where you can call the contact, send the contact a message, add the number to your Contacts list, and learn more about the original call.

‣ Touch and hold a Call log entry to open a Context menu where you can call the contact, view contact information, edit the number before you redial, and more.

To clear the Call log

‣ Touch the **Phone Key** (from the Quick Keys bar) and then the **Call log** tab at the top of the screen. Press the **Menu Key** and touch **Clear call log**.

You can also touch and hold an entry in the log. In the menu that opens, touch **Remove from call log**.

Calling Your Contacts

Instead of manually dialing phone numbers using the dialpad, you can use your Contacts list to dial quickly and easily.

You can also quickly call a contact by using Quick Contact.

If you have contacts on the web, they're synchronized with your phone when you first synchronize to your Google™ Account.

To call a contact

1. Touch the **Apps Key** , then touch **Contacts** .

2. Touch the contact you want to call.

3. Touch the contact's phone number you want to call.

> **NOTE** If you opened other applications while on a call, you'll need to return to the Call screen to end the call. You can press the **Home Key** , then touch the **Phone Key** or drag the Notifications panel down and touch **Current call** .

To call a favorite contact

1. From the Home screen, touch the **Apps Key** ▦ > **Contacts** > **Favorites** tab.
2. Touch the contact you want to call.
3. Touch the contact's phone number you want to call.

Voice Dialer

You can use the **Voice Dialer** application to place a phone call by speaking the name of a contact or a phone number.

To place a call by speaking

1. Touch **Voice Dialer** 📧 in the Apps screen.

   If you have a Bluetooth headset that supports "voice-recognition" or "voice dialing," you may be able to open Voice Dialer by pressing your headset's main button or in some other way, and dial by voice using your headset. For details, see the documentation that came with your headset.

2. Say "Call" followed by the name of the contact or say "Dial" followed by a phone number.

Options During a Call

Touch to turn the speakerphone on or off. The Speaker button lights up to indicate that the speakerphone is on.

WARNING!
To avoid damage to your hearing, do not hold the phone against your ear when the speakerphone is turned on.

Touch to mute the microphone during a call. The Mute button lights up to indicate that the microphone is muted.

Touch to switch between a Bluetooth headset and the phone.

To mute the microphone during a call

‣ Touch the **Mute button.**

The **Mute button** lights up to indicate that the microphone is muted. The **Mute** icon ⏸× will appear in the Status Bar to remind you that the microphone is turned off.

When viewing the in-call screen, you can unmute the microphone by touching the **Mute button** again.

The microphone is unmuted automatically when the call ends.

To turn the speakerphone on or off

‣ Touch the **Speaker button**.

The **Speaker button** lights up to indicate that the speakerphone is on. The **Speaker** icon ⬙ will appear in the Status Bar and the sound from your call is played through the phone's speaker.

When viewing the in-call screen, you can turn the speakerphone off by touching the **Speaker button** again.

The speaker is turned off automatically when the call ends.

WARNING!
> To avoid damage to your hearing, do not hold the phone against your ear when the speakerphone is turned on.

To switch between a Bluetooth headset and the phone

When a Bluetooth headset is paired and connected to your phone, you can conduct calls on the headset for hands-free conversation. During a call, you can opt to use the Bluetooth headset or just the phone.

When using the Bluetooth headset during a call, the Ongoing Call notification icon is blue in the Status Bar (the icon is green when using the phone).

‣ Touch the **Bluetooth button** to switch the call from the headset to the phone, or vice versa.

Managing Multiple Calls

Contact your wireless service provider to learn whether they support services for multiple calls including call waiting and conference calls.

To merge current calls

▸ Touch **Merge calls** .

Touch to merge calls. The current call will be placed on hold and you will be connected with the other call.

To set up a conference call

Contact your wireless service provider to learn whether they support conference calls and how many participants you can include.

1. Place a call to the first participant.
2. When you're connected, touch **Add call** or **Dialpad** .
3. Enter the number on the dialpad and touch the **Call Key** .
4. After you're connected, touch **Merge calls** . The participant is added to the conference call.

Listening to Your Voicemail

When you have a new voicemail message, the **Voicemail notification** icon ⚏ appears in the Status Bar. If you have not set up your voicemail number, or if you need to change it, you can do that in the Call settings.

To listen to your Voicemail

▶ Open the Notifications panel and touch **New voicemail**.

   OR

▶ Press the **Home Key** ⌂, touch the **Phone Key** 📞 from the Quick Keys bar, then touch the **Voicemail button** ⚏. Typically, your carrier's voicemail system guides you through the process of listening to and managing your voicemail. The first time you call your voicemail, it also guides you through the process of recording greetings, setting a password, etc.

To set up your Voicemail

1. Touch the **Phone Key** 📞 from the Quick Keys bar on the Home screen or Apps screen.

2. Touch ⚏ to dial your voice mailbox.

3. If you hear a system greeting, touch # to interrupt it, if applicable.

4. Follow the setup tutorial.

5. Select a password.

6. Record a voice signature and greetings for your voice mailbox.

To access your voicemail from your wireless device

1. Touch the **Phone Key** 📞 from the Quick Keys bar on the Home screen or Apps screen.

2. Touch ⚏ to dial your voice mailbox. If you hear a system greeting or your own greeting, touch # immediately to interrupt the system greeting and follow the prompts.

3. Follow the prompts to enter your password and retrieve your messages.

Browser

The **Browser** application allows you to access the internet from your Wireless device. Access and selections within this feature are dependent upon your service provider. For specific information on Browser access through your phone, contact your service provider.
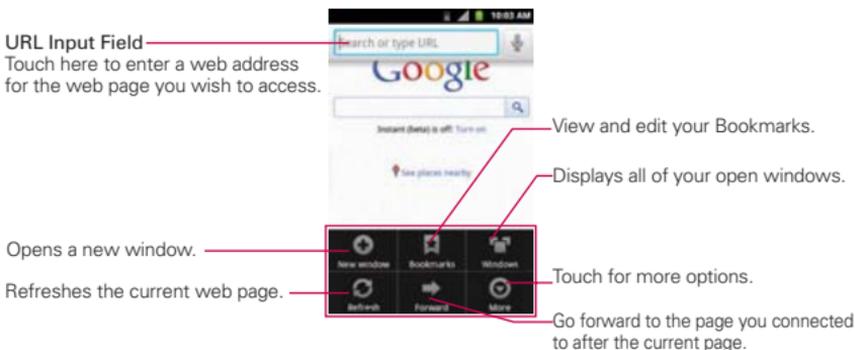
Internet

Learn to access and bookmark your favorite web pages.

NOTES ● You may incur additional charges for accessing the web and downloading media. For details, contact your service provider.
● Available icons may vary depending on your region.

Browse web pages

Touch **Browser** from the Quick Keys bar or touch the **Apps Key** 🔳 > **Browser** . To access a specific web page, touch the URL input field, enter the web address (URL) of the web page, and touch →.

URL Input Field
Touch here to enter a web address for the web page you wish to access.

View and edit your Bookmarks.

Displays all of your open windows.

Opens a new window.

Refreshes the current web page.

Touch for more options.

Go forward to the page you connected to after the current page.

While browsing the web page the following options are available.

▶ To zoom in or out, double-tap the screen. You can also use the pinch-to-zoom method. Place your two fingers on the screen and slowly pinch or spread them apart.

▶ To open a new window, press the **Menu Key** 🔲 > **New window** .

▶ To view the list of bookmarks, touch **Bookmarks** next to the URL field. You can also add, edit, or delete a bookmark from this menu.

▶ To bookmark the current web page, touch **Bookmarks** 🔖 > **Add**. Enter the name for the bookmark and touch **OK**.

▶ To view the currently active windows, press the **Menu Key** 🔲 and touch **Windows** 🔳. You can open multiple pages and switch back and forth between them.

▶ To reload the current web page, press the **Menu Key** 🔲 and touch **Refresh**. The Refresh option appears after the web page finishes loading.

▶ To stop loading a web page, press the **Menu Key** 🔲 and touch **Stop**. The Stop option appears while a web page is loading.

▶ To go to the previous page, press the **Back Key** ↩.

▶ To go to a next page in history, press the **Menu Key** 🔲 and touch **Forward** ➡.

▶ To search for text on the web page, press the **Menu Key** 🔲 and touch **More** ◉ > **Find on page**.

▶ To select text on the web page, press the **Menu Key** 🔲 and touch **More** ◉ > **Select text**. Highlight the text you want with your finger. Then tap the highlighted text to copy it to the clipboard. Now you can paste it anywhere that allows text to be entered.

▶ To view the web page details, press the **Menu Key** 🔲 and touch **More** ◉ > **Page info**.

▶ To set your homepage, press the **Menu Key** 🔲 and touch **More** ◉ > touch **Settings** > **Set home page**.

> **NOTE** When you are in a secure page, you can see the certificate of the current page by touching the **View certificate** button on Page info.

▶ To send the web address (URL) of the web page to others, press the **Menu Key** 🔲 and touch **More** ◉ > **Share page**.

▶ To view the download history, press the **Menu Key** 🔲 and touch **More** ◉ > **Downloads**.

▶ To customize the Browser settings, press the **Menu Key** 🔲 and touch **Settings**.

Bookmark your favorite web pages

If you know the web address of the web page, you can manually add a bookmark. To add a bookmark:

1. Touch the **Apps Key** ▦ > **Browser** 🌐.

2. Touch **Bookmarks** 🔖 next to the URL field.

3. Touch **Add**.

4. Enter a page title and a web address (URL).

5. Touch **OK**.

From the bookmark list, touch and hold a bookmark and use the following options:

▸ To open the web page in the current window, touch **Open**.

▸ To open the web page in a new window, touch **Open in new window**.

▸ To edit the bookmark details, touch **Edit bookmark**.

▸ To add the bookmark shortcut to one of the Home screen panes, touch **Add shortcut to Home**.

▸ To send the web address (URL) of the web page to others, touch **Share link**.

▸ To copy the web address (URL) of the web page, touch **Copy link URL**.

▸ To delete the bookmark, touch **Delete bookmark**.

▸ To use the web page as your Browser homepage, touch **Set as homepage**.

Changing Browser settings

You can configure a number of Browser settings, including several that you can use to manage your privacy.

▸ To open the Browser settings screen, press the **Menu Key** 📧 and touch **More** > **Settings**.

Page content settings

Text size Opens a dialog box where you can increase or decrease the size of the text that Browser uses when displaying webpages.

Default zoom Opens a dialog box where you can increase or decrease the magnification level that Browser uses when first opening a webpage.

Open pages in overview Checkmark to open webpages zoomed out, in an overview. Uncheckmark to open webpages at 100% size, displaying the top-left corner of the page.

Text encoding Opens a dialog box where you can change the character-encoding standard that Browser uses when displaying text on a webpage.

Block pop-up windows Checkmark to prevent websites from opening windows unless you request it.

Load images Uncheckmark to omit images when Browser displays a webpage. This speeds webpage loading, which can be useful if you have a slow connection.

Auto-fit pages Checkmark to have Browser optimize the presentation of text and other elements of webpages to fit your phone's screen. Checkmarking this option also causes the Browser to reflow a column of text to fit the screen if you double-tap the screen directly after zooming with your fingers. Uncheckmark to view pages as designed for a computer screen so that double-tapping simply switches between zoomed-in and default view.

Landscape-only display Checkmark to display pages in landscape (horizontal) orientation on your screen, regardless of how you are holding the phone.

Enable JavaScript Uncheckmark to prevent JavaScript from running on webpages. Many webpages function correctly only if they can run JavaScript features on your phone.

Enable plug-ins Opens a dialog box to select when to enable plug-ins.

Open in background Checkmark to open new windows in the background when you touch and hold a link then touch **Open in new window**. This is useful when you are working with windows that take a long time to download and display. Press the **Menu Key** 🔲 and touch **Settings** and then touch the new window to view it. Uncheckmark if you prefer new windows that you open in this way to open in place of the current window.

Set home page Opens a dialog box where you can enter the URL of a page that you want to access whenever you open a new Browser window. If you prefer to open new Browser windows more quickly, by not opening any page by default, leave the dialog box blank.

Invert color Display pages in inverted color.

Privacy settings

Clear cache Allows you to clear locally cached content and databases.

Clear history Allows you to clear the Browser history.

Accept cookies Checkmark to allow websites to save and read cookie data.

Clear all cookie data Allows you to clear all Browser cookie data.

Remember form data Checkmark to allow the Browser to remember data entered into forms for later use.

Clear form data Allows you to clear all saved form data.

Enable location Checkmark to allow sites to request access to your location.

Clear location access Allows you to clear location access for all websites.

Security settings

Remember passwords Checkmark to allow the Browser to save user names and passwords for websites.

Clear passwords Allows you to clear all saved passwords.

Show security warnings Checkmark to show a warning if there is a problem with a site's security.

Advanced settings

Set search engine Select a search engine.

Website settings Allows you to manage advanced settings for individual websites.

Reset to default Allows you to restore the Browser settings to default.

Maps

To search for a location

1. Touch the **Apps Key** 🔳 > **Maps** .

2. Touch the search box at the top of the screen.

3. In the search box, enter the place you're looking for. You can enter an address, a city, or a type of business or establishment. For example, "theater in New York".

4. Touch the **Search Key** 🔍.

   Orange markers indicate search matches on the map.

   You can touch a marker to open a balloon that contains a label. Touch the balloon to open a screen with more information about the location, as well as options for obtaining directions.

To get directions

1. Touch the **Apps Key** 🔳 > **Maps** .

2. Press the **Menu Key** 🔲 and touch **Directions**.

3. Enter a starting point in the first text box and your destination in the second text box. You can also select an address from your Favorites, Contacts list, or history.

   To reverse directions, press the **Menu Key** 🔲 and touch **Reverse Start & End** .

4. Touch the **Car** icon 🚗 for driving directions, the **Transit** icon 🚌 for transit directions, the **Bicycling** icon 🚲 for bicycling directions, or the **Walking** icon 🚶 for walking directions.

5. Touch **Get directions**.

   Your route is displayed on a map.

6. To view the directions in a list format, touch **List view** 📋.

   To switch back to your map route from List view, press the **Menu Key** 🔲 and touch **See map**.

Contacts

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

Using Your Contacts

Use the **Contacts** application to add, view, and communicate with your friends and acquaintances.

To open your Contacts application

▶ Touch the **Apps Key** ▦ > **Contacts** ▣ .

All of your contacts are displayed alphabetically in a list. If you haven't added any contacts yet, the **Contacts** application will display hints on how to start adding contacts to your phone.

To open a list of your favorite contacts

▶ Open your **Contacts** application and touch the **Favorites** tab at the top of the screen.

   Favorites lists the contacts you've added to the list, followed by a list of your most frequently called contacts.

To view details about a contact

1. Open your **Contacts** application.

2. Touch the contact whose details you want to view.
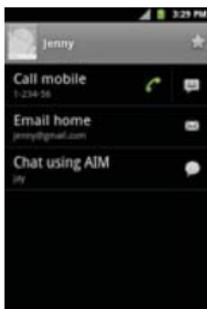
3. Touch an icon to call, message, or open other applications.

  ▶ The **Dial** icon places a call to the number.

  ▶ The **Message** icon starts a message.

  ▶ The **Mail** icon starts an email.

  ▶ The **Chat** icon starts a chat.

4. Press the **Menu Key** for the following menu options: **Edit contact, Share, Delete contact, Options** (**Ringtone** and **Incoming Calls**).

Adding Contacts

You can add contacts on your phone and synchronize them with the contacts in your Google™ Account, Microsoft Exchange account, or other accounts that support syncing contacts.

Since your contacts can come from a variety of sources, the **Contacts** application attempts to join new information with existing similar contact entries, to create a single entry. You can also manage that process manually by joining or splitting entries.

To add a new contact

1. Open the **Contacts** application.

2. Press the **Menu Key** and touch **New contact**.

3. If you have more than one account with contacts, choose the account to which you want to add the contact.

4. Enter the contact's name.

5. Touch a category of contact information, such as phone number or email address, to enter that kind of information about your contact.

6. Touch a category's plus button ⊕ to add more than one entry for that category. For example, in the phone number category, add a work number and a home number. Touch the label button to the left of the entry item information to open a drop-down menu of preset labels. For example, **Work** and **Home** for phone numbers.

7. Touch the **Picture frame** icon ▦ to select a picture to display next to the name in your list of contacts and in other applications.

8. When you're finished, touch the **Done** button.

Importing, Exporting, and Sharing Contacts

If you have contacts stored in vCard format on a microSD card you can import them into your **Contacts** application on your phone. You can also export contacts in vCard format onto a microSD card.
Export to back them up to a computer or other device or so you can send a contact via email.

To import contacts from your microSD card

You can copy contacts, in vCard format, onto your microSD card then import them into your phone.

1. Insert the memory card (that contains the vCard files) into your phone.

2. Open the **Contacts** application.

3. Press the **Menu Key** ▦ and touch **Import/Export**.

4. Touch **Import from SD card**.

5. If you have more than one account on your phone, touch the account into which you want to import the contacts.

6. Touch the importing options and touch **OK** to confirm.

To export contacts to your microSD card

You can export all of the contacts on your phone to your microSD card, as vCard files. You can then copy this file to a computer or another device that is compatible with this format, such as an address book application.

1. Open the **Contacts** application.

2. Press the **Menu Key** 🔲 and touch **Import/Export**.

3. Touch **Export to SD card**.

4. Touch **OK**.

To share a contact

You can share a contact with someone by sending it to them as a vCard file.

1. Open the **Contacts** application.

2. Touch the contact you want to share to view its details.

3. Press the **Menu Key** 🔲 and touch **Share**.

4. Choose the method for sending.

5. Enter the necessary information and share it.

Adding a Contact to Your Favorites

The **Favorites** section contains a short list of the contacts you communicate with most often.

To add a contact to your favorites list

1. Open the **Contacts** application.

2. Touch a contact to view its details.

3. Touch the star to the right of the contact's name. When the contact is added to your favorites list, the star will be yellow-colored.

To remove a contact from your favorites list

1. Open the **Contacts** application and touch the **Favorites** tab.

2. Touch the contact to view its details.

> **TIP!** If you have a long list of contacts, it may be faster to touch **Favorites**, then touch the contact entry to view its details.

3. Touch the yellow star to the right of the contact's name.
   The grey-colored star will indicate that the contact was removed from your Favorites list.

Searching for a Contact

It's easy to search for a contact by name.

To search for a contact

1. Open the **Contacts** application.

2. Press the **Search Key**.

3. Start entering the name of the contact you're searching for. As you type, contacts with matching names will appear below the search box.

4. Touch a matching contact in the list to view its details.
   You can also search by nickname, email, organization and number.

Editing Contact Details

You can change or add details saved in your contact entries. You can also set specific ringtones to specific contacts or determine whether calls from specific contacts are diverted to your voicemail.

Some contact entries contain information from multiple sources: information that you added manually, information that Contacts joined from multiple accounts to consolidate duplicates, etc.

If you find duplicate entries in Contacts, you can join them into a single entry.

Changes made to information from one source do not automatically change the information on the other sources. For example, if you have information about a contact from a Google Account and an Exchange account and both

are configured to sync contacts, changes to the contact from the Google Account are synced to that account on the web, but the information from the Exchange account will remain unchanged.

To edit contact details

1. Open the **Contacts** application.

2. Touch and hold the contact whose details you want to edit. In the Context menu that opens, touch **Edit contact**.

3. Edit the contact information.

4. Touch the **Done** button to save the changes.

To change a contact's default phone number

The default phone number is used when you initiate a call or send a text message using the Context menu (by touching and holding a contact).

1. Open the **Contacts** application.

2. Touch the name of a contact in the list to view its details.

3. Touch and hold the phone number to use as the contact's default phone number.

4. Touch **Make default number** in the menu that opens.
   The default phone number is indicated by a checkmark.

To divert calls from a contact to your voicemail

1. Open the **Contacts** application.

2. Touch the name of a contact in the list to view its details.

3. Press the **Menu Key** ▣ and touch **Options**.

4. Touch **Incoming calls** to checkmark the option and enable it.

5. Press the **Back Key** ▣.

When this contact calls you, your phone will not ring and the caller will be forwarded directly to your voicemail.

To set a ringtone for a contact

1. Open the **Contacts** application.

2. Touch the name of a contact in the list to view its details.

3. Press the **Menu Key** ▣ and touch **Options**.

4. Touch **Ringtone** and touch a ringtone to select it.

5. Touch the **OK** button to save the ringtone to the contact.

To delete a contact

1. Open your **Contacts** list or **Favorites** list.

2. Touch the name of a contact in the list to view its details.

3. Press the **Menu Key** ▣ and touch **Delete contact**.

   ▸ If you delete a contact from Google Contacts (or another account with editable contacts), the contact is also deleted from Contacts on the web the next time you sync your phone.

4. Touch the **OK** button to confirm that you want to delete the contact.

Communicating with Your Contacts

From the **Contacts** or **Favorites** tab, you can quickly call or send a text (SMS) or multimedia message (MMS) to a contact's default phone number. You can also open a list of all the ways you can communicate with that contact.

This section describes ways to initiate communication when viewing your list of contacts. The **Contacts** application shares your contacts with many other applications, such as Gmail™ and Messaging.

To connect by using Quick Contact for Android™

1. Touch a contact's picture to open Quick Contact for Android.

Quick Contact for Android
communication icons

Touch a contact's picture
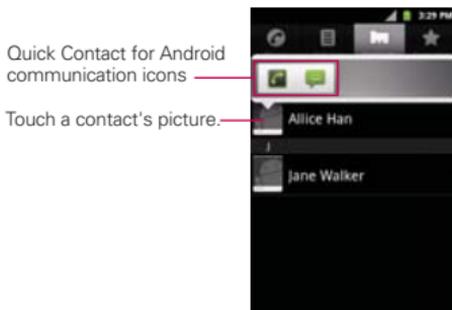
2. Touch the icon corresponding to the type of communication you want to start.

   The communication icons displayed depend on the types of information you saved in the contact information.

To communicate with a contact

1. Open the **Contacts** application.

2. Touch the contact with whom you want to communicate.

3. In the contact's details screen, touch the way to start communicating with the contact.

   ▶ The **Dial** icon [icon] places a call to the number.

   ▶ The **Message** icon [icon] starts a message.

   ▶ The **Mail** icon [icon] starts an email.

   ▶ The **Chat** icon [icon] starts a chat.

   NOTE Anytime you see the Dial icon [icon] next to a number, such as in your Favorites or Call log, just touch it to call that number.

To call a contact's default number

1. Open the **Contacts** application.
2. Touch and hold the contact you want to call.
3. Touch **Call contact** in the menu that opens.

To send a text or multimedia message to a contact's default number

1. Open the **Contacts** application.
2. Touch and hold the contact you wish to message.
3. Touch **Text contact** in the Context menu that opens.

Selecting Which Contacts are Displayed

You can hide contacts that don't have phone numbers. You can also configure which groups of contacts you want to display in the Contacts list.

To set whether contacts without phone numbers are displayed

If you use your list of contacts only to call people, you can hide any contacts that don't have phone numbers.

1. Open the **Contacts** application.
2. Press the **Menu Key** ▤ and touch **Display options**.
3. Touch **Only contacts with phones** to select or deselect this option. When selected, a checkmark will appear.
4. Touch the **Done** button to save the settings.

> **NOTES** • You can sort the Contact list by First name or Last name.
>
> • You can also view contact names as First name first or Last name first.
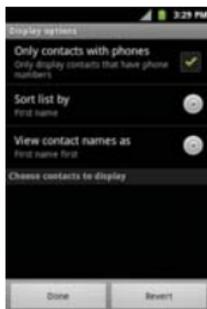
To change which groups are displayed

1. Open the **Contacts** application.

2. Press the **Menu Key** 🔳 and touch **Display options**.

3. Touch an account to open its list of available groups.

4. Touch each group whose contacts you want to view in your **Contacts** application. Contact types with a checkmark will appear in your contacts list. This action affects only which contacts are displayed. Your sync settings will not be affected.

5. Touch the **Done** button to save your settings.

Joining Contacts

When you add an account or add contacts in other ways, such as by exchanging emails, the **Contacts** application attempts to avoid duplication by joining contact information automatically. You can also join contacts manually.

To join contacts

1. Open the **Contacts** application.

2. Touch the contact entry to which you want to add information. The contact name for this entry will remain unchanged after you join with another contact.

3. Press the **Menu Key** 🔳 and touch **Edit contact**.

4. Press the **Menu Key** 🔳 and touch **Join**.

5. Touch the contact whose information you want to join with the first contact. The information from the two contacts will be merged and displayed under the name from the first contact.

6. Touch the **Done** button to confirm you want to join the entries. The contact information will be displayed in one contact entry.

Separating Contact Information

Each contact entry on your phone may contain 'joined' information from a variety of sources.
If contact information from different sources was joined in error, you can separate the information back into individual contact entries on your phone.

To separate contact information

1. Open the **Contacts** application.

2. Touch the contact entry whose information you want to separate.

3. Press the **Menu Key** [≡] and touch **Edit contact**.

4. Press the **Menu Key** [≡] and touch **Separate**.

5. Touch the **OK** button to confirm you want to separate the entries. The contact information will separated into individual contact entries in the Contacts list.

Email

Opening Email and the Accounts Screen

You can use the **Email** application to read email from services other than Gmail™. The **Email** application supports the following account types: Microsoft Exchange, Windows Live Hotmail, Yahoo! Mail, Gmail, AOL Mail, and other accounts.

To open the Email application

▸ Touch the **Apps Key** [⊞] > **Email** 📧.

The first time you open the **Email** application, a setup wizard opens to help you add an email account.
After the initial setup, Email displays the contents of your Inbox.

The Accounts screen

The Accounts screen lists all your accounts.

‣ Open the **Email** application. If you're not on the Account screen, press the **Menu Key** 🔘 and touch **Accounts**.

Each folder and account on the Accounts screen displays the number of unread messages in green, or will display the number of messages in Starred, Drafts and Outbox in gray.

You can touch an account to view its Inbox.

The account from which you send email by default is indicated with a checkmark.

Reading Your Messages

You can read messages from the Inbox, or from other folders from the individual accounts.

To read a message

From the Accounts screen, simply touch any account to display it.

You can also go to the folder list of the account by pressing the **Menu Key** 🔘 and touching **Folders** from the Inbox.

> **NOTE**   When new email arrives, a notification appears in the Status Bar. Drag the Notifications panel downward and touch the email notification.

Responding to a Message

There are many options how you can respond to a received email message. You can reply to it, forward it, or even just delete it.

To reply to or forward a message

▸ While reading a message, touch **Reply** or **Reply all** (available at the bottom of the screen).

▸ While reading a message, press the **Menu Key** and touch **Forward** to forward the message.

To mark a message as unread

You can set a message to appear as though it has not been read – for example, to remind yourself to read it again later.

▸ From the Inbox, touch and hold the desired message, then touch **Mark as unread** in the dialog box that opens.

To delete a message

There are a few easy ways to delete a message.

▸ While reading a message, touch **Delete** at the bottom of the screen.

▸ From the Inbox, touch the checkbox next to one or more messages, then touch **Delete** at the bottom of the screen.

For many types of accounts, deleted messages are moved to a Trash folder, so you can retrieve them in case they were deleted by mistake.

Gmail

Gmail is Different

Gmail is web-based: Your messages are stored on-line, on Google™ servers but you can read, write, and organize messages by using the **Gmail** application on your phone or by using a web browser on a computer. Because your mail is stored on Google servers, you can search your entire message history, backed by the speed and power of Google search.

Actions that you take in one place are reflected everywhere. For example, if you read a message in Gmail on your phone, it will be marked as read in a web browser. And a message that you send using a browser, or even a draft of a message, is visible in Gmail on the phone.

Gmail is conversation-based: Each message and all replies to it are grouped in your Inbox as a single conversation. In other email applications, replies to messages are spread across your Inbox, typically by date received, so a message and the replies to it are separated by other messages. Gmail makes it easy to follow the thread of a conversation.

Gmail is organized by labels, not by folders: Gmail allows you to tag messages with labels, allowing you to organize your conversations in many different ways. For example, with Gmail you can label a conversation with your mother about your brother's birthday present with both "Mom" and "Dave". Later, you can search for all the messages containing either label. In other email applications, each message can only be located in one folder. You'd have to store each message in the "Mom" folder or the "Dave" folder, but not both.

Gmail for the phone is optimized for mobile use: Some features are only accessible on your computer browser. The best place to organize and learn about Gmail is the web. For example, you can't use the **Gmail** application on the phone to create the labels and filters that you use to organize your messages, but you can label a message. Gmail on the web offers complete information about the service, so it's the best place to learn about all of the features of Gmail.

Gmail is for Gmail: Of course you can use Gmail to send email to any email address, and anyone can send email to you at your Gmail address. But if you want to read messages from another email service provider (using your AOL, Yahoo!, or other email account), you must use the **Email** application.

Opening Gmail and Your Inbox

When you open the **Gmail** application, the most recent conversations are displayed in your Inbox.

To open the Gmail application

Touch the **Apps Key** 🔲 > **Gmail** 📧.

All of your conversations are displayed in your Inbox unless you delete, archive, or filter them.

The current Google Account is displayed at the top right of the Inbox. If you have more than one account, you can switch accounts to view the messages in each Inbox.

Conversations with new messages are displayed with bold subject lines. To read a message in a conversation, touch its subject line text.

> indicates that this message was sent directly to you.

>> indicates that you were CC'd on this message.

No indicator indicates that this message was sent to a group that includes you.

To open your Inbox when Gmail is running

If you are viewing a message or another label, press the **Back Key** 🔙 until you return to your Inbox.

OR

▸ While reading a message, press the **Menu Key** 🔲 and touch **Go to inbox**.

OR

▸ While viewing a list of labeled conversations, press the **Menu Key** 🔳 and touch **More** > **Go to inbox**.

To switch accounts

Gmail displays conversations and messages from one Google Account at a time. If you have more than one account, you can open the Accounts screen to view how many unread messages you have in each account and to switch accounts.

1. From your Gmail Inbox, press the **Menu Key** 🔳 and touch **Accounts**.

2. Touch the account that contains the email you want to read.

Reading Your Messages

While viewing a list of conversations in your Inbox or in any list of labeled conversations, you can open a conversation to read its messages.

To read a message

▸ Touch a conversation that contains the message you want to read.

A conversation opens to the first new (unread) message, or to the first starred message, if you've previously starred a message in the conversation.

The Google Talk online status will appear next to the name of the sender of each message if the sender has a Google Account. Touch the contact's picture to open Quick Contact.

While reading messages in a conversation, you can use the buttons at the bottom of the screen to archive the entire conversation or delete it. After you delete a conversation, you can touch **Undo** in the green bar that appears at the top of the screen to undo the last action and restore the message to its previous location.

You can also touch the arrow buttons to read the next, oldest, unread message in a conversation in your Inbox (or the conversation list you're working in).

Touch ◄ on the message header to access options for replying or forwarding the message.
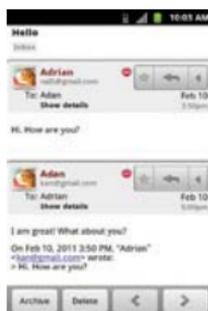
To reread a message

When you open a conversation, messages that you've already read are minimized into a tab that indicates the number of hidden messages.

1. Touch the **Apps Key** ▦ > **Gmail** ◪. Then touch the conversation you want to view and the tab indicating minimized messages.
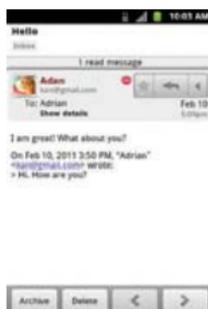
2. Touch the contact name to open that message.

While reading a message you can press the **Menu Key** ▣ and touch **Mark unread** to return a read message to the unread state. For example, to remind yourself to read it again later.

Composing and Sending a Message

You can compose and send a message to people or groups with Gmail addresses or other email addresses.

To compose and send a message

1. Touch the **Apps Key** ▦ > **Gmail** ✉.

2. Press the **Menu Key** ▣ and touch **Compose**.

3. Enter a recipient's address.
   As you enter text, matching addresses are offered from your Contacts list. You can touch a suggested address or continue entering text to enter a new one.

4. Press the **Menu Key** 🔲 and touch **Add Cc/Bcc** to copy (normal or blind status) recipients, if necessary.

5. Enter a subject for the message in the Subject field.

6. Continue into the next field to enter your email message.

7. Press the **Menu Key** 🔲 and touch **Attach** to add an attachment to the email.

8. Touch **Send** 🔳 to send your message.

   If you're not ready to send the message, touch 🔳 to save the message as a Draft. You can read your drafts by opening messages with the Draft label.

   To erase the message, press the **Menu Key** 🔲 and touch **Discard** (including any saved drafts).

   If you aren't connected to a network – for example, if you're working in Airplane mode – the messages that you send are stored on your phone with the Outbox label until you connect to a network again.

Replying to or Forwarding a Message

You can continue an email conversation by replying to a message or by forwarding it.

To reply to or forward a message

1. Touch 🔳 on the message header to access options for replying or forwarding the message.

2. Touch **Reply**, **Reply all**, or **Forward**.

   Replying to or forwarding messages without changing the subject adds your reply to the current conversation.

   Changing the subject starts a new conversation.
   The message will open in a new screen where you can add or remove addresses, edit the subject, and add or remove text or attachments.

   You can add one or more people to an ongoing conversation by replying to all and then adding the new person's address(es) to the reply.

   Note that the conversation text and previous messages are also included in your reply (or forward).

3. Touch **Send** 🖼 to send your message.

Working with Conversations in Batches

You can archive, label, delete, or perform other actions on a batch of conversations at once, in your Inbox or in another label.

1. From the Inbox, or a folder with another label, touch the checkbox for all the messages you want to include in the batch.

   When you checkmark a conversation, the **Archive**, **Delete**, and **Labels** buttons appear at the bottom of the screen.
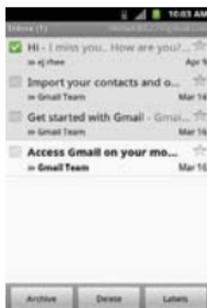
2. Touch **Archive**, **Delete**, or **Labels** or press the **Menu Key** 🖼 and touch **Add star**, **Report spam**, **Mute**, **Mark unread**, **Not important**, or **More** (Deselect all, Help, About).

   Your action affects the selected batch of messages.

   If you accidentally delete a batch of conversations, you can touch **Undo** in the green bar (that appears briefly after the action) at the top of the screen to undo the action and restore the message(s) to the previous location. You can also use Undo after muting, archiving, and reporting spam.

Labeling a Conversation

As mentioned previously, conversations are organized by labels. Gmail has several default labels, but you can also add your own through Gmail on the web.

To label a conversation

1. While reading a conversation's messages, press the **Menu Key** and touch **Change labels**.

2. In the dialog box that opens, checkmark the label(s) you want to assign to the conversation and touch the **OK** button.

To label a batch of conversations at once

You can assign or change the label(s) of one or more conversations at once.

1. From your Inbox, or a folder with another label, checkmark the conversations to select a batch.

2. Touch **Labels** at the bottom of the screen.

3. In the dialog box that opens, checkmark the labels you want to assign to the selected conversations, and touch the **OK** button.

Starring a Message

You can star an important message or conversation to make it easy to locate again.

To star a message

▸ While reading a message, touch the star ⭐ in its header.

   OR

▸ While viewing a list of conversations, touch its star ⭐ to star the newest message in the conversation.
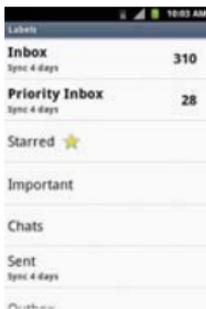
To unstar a message

▸ Touch its star again. The star will turn gray.

Viewing Conversations by Label

You can view a list of the conversations that have the same label, including conversations with starred messages.

1. While viewing your Inbox, or a folder with another label, press the **Menu Key** and touch **Go to labels**.

2. Touch a label to view a list of conversations with that label.

   NOTE The conversation list will resemble your Inbox. Most of the options available while using your Inbox will also be available while viewing these lists of labeled messages.

Reporting Spam

The Gmail service is quite effective at preventing spam (junk mail) from reaching your Inbox. But when spam does make it through, you can help improve the Gmail service by reporting the conversation as spam.

To report a conversation as spam

▸ While reading the email, press the **Menu Key** and touch **More > Report spam**.

   OR

▸ From the Inbox, touch the checkmark box to select the messages you want to report as spam, press the **Menu Key** and touch **Report spam**.

   When you report a conversation as spam, the conversation (and all its messages) are removed from your Inbox. You can view the messages you've marked as spam by viewing messages with the Spam label.

Synchronizing Your Messages

The Gmail service has the resources to store all the messages you've ever sent or received; your phone does not. To save space, Gmail downloads only some of your messages to your phone. Use the **Settings** application to control how and when applications synchronize their data.

To select which conversations to synchronize

1. Touch the **Apps Key** 🔳 > **Gmail** 📧.

2. Press the **Menu Key** 🔳 and touch **More** > **Settings** > touch the desired account > **Sync inboxes and labels**.

   The Synchronization screen opens, displaying a list of your Gmail labels. Below each label is its current synchronization setting:
   Sync all, **Sync last 4 days**, or **Sync none** (If Sync none is selected, the labeled conversation is not synchronized).

3. Touch a conversation label whose synchronization settings you want to change.

   A dialog box for that conversation label opens, with three options:

   - **Sync none** Don't download any conversations that have only this label.

   - **Sync last 4 days** Download the previous 4 days (or number of days you set) of conversations.

   - **Sync all** Download all conversations with this label.

To set how many days of conversations to synchronize

1. Touch the **Apps Key** 🔳 > **Gmail** 📧.

2. Press the **Menu Key** 🔳 and touch **More** > **Settings** > touch the desired account > **Sync inboxes and labels**.

3. Touch **Amount of mail to sync**.

4. Enter the number of days and touch the **OK** button.

Appending a Signature to Your Messages

You can add information to every email you send, such as your name, contact information, or even "Sent from my Android™ phone".

1. Touch the **Apps Key** ▦ > **Gmail** ✉.

2. Press the **Menu Key** ▣ and touch **More** > **Settings** > touch the desired account > **Signature**.

3. Enter a signature or other information.

4. Touch the **OK** button.

Changing Gmail Settings

You can change a number of settings for Gmail. Each Google Account has its own settings, so your changes affect only the current account. Notification volumes and some synchronization settings can also be changed in the **Settings** application.

▶ Touch the **Apps Key** ▦ > **Gmail** ✉, press the **Menu Key** ▣, and touch **More** > **Settings**. Then touch the account for which you want to change the settings.

General settings

Priority Inbox Checkmark to make Priority Inbox your default inbox for this account.

Signature Allows you to add a signature or other information to outgoing email.

Confirm actions Allows you to choose which actions will display a dialog box asking you to confirm whenever you want to archive, delete, or send a message.

Reply all Checkmark this setting to make 'Reply all' the default action for responding to messages.

Auto-advance Allows you to choose which screen to display after you delete or archive a conversation.

Message text size Allows you choose the size of the text in a message for easier viewing.

Batch operations Checkmark this setting to allow batch operations.

Sync inboxes and labels Allows you to manage which conversations are synchronized and how often.

Notification settings

Email notifications Checkmark this setting to receive a notification whenever you receive new email.

Labels to notify Allows you to set the notification preferences for synced labels.

Text Messaging and MMS

With text messaging (SMS), you can send and receive instant text messages between your wireless phone and another messaging-ready phone. When you receive a new message, you will be notified by your device.

Messaging is available via the Messaging application in your Applications screen. The icon appears in Status Bar when a new text message is received.

Composing Text Messages

1. Touch the **Apps Key** ⊞ > **Messaging** 💬 > **New message**.

2. Touch the **To** field and enter the recipient's phone number or email information using the on-screen keyboard.

   ▶ **Contacts** As you enter either a phone number or email address, if the information matches a current contact's entry information, you will see a match. When you see a match, touch the associated name to complete the addressing.

   ▶ **Mobile** Touch 📱 to use the keypad to enter a wireless phone number directly.

   ▶ **Email** You can also enter the recipient's email address.

3. Touch a matching entry from the on-screen dropdown list. This list is populated by matches found from your managed accounts.

4. Touch the text field and enter your message.

5. Insert an Emoticon or a Smiley.

   ▶ To enter an emoticon, touch and hold 🔲 on the on-screen keyboard.

   ▶ To enter a smiley from the menu options, press **Menu Key** 🔲 > **Insert smiley.** Make a selection from the list to insert it into your current message.

6. Review your message and touch **Send**.

Accessing Text Messages

To read a text message: When you receive a text message, your phone will notify you. You can access the message by:

   ▶ Opening the Notification panel and tapping the text message notification.

   ▶ Pressing **Apps Key** ⊞ > **Messaging** 💬 and selecting the new message.

To reply to a text message:

1. While viewing a message, tap the text field.

2. Compose your reply or use the preset messages or icons.

   ▸ To enter a message, use your on-screen keyboard.

3. Insert an emoticon or a Smiley.

   ▸ To enter an emoticon, touch and hold 🔠 on the on-screen keyboard.

   ▸ To enter a smiley from the menu options, press **Menu Key** 📱 > **Insert smiley**. Make a selection from the list to insert it into the message.

4. You may select additional messaging options by pressing **Menu Key** 📱 .

   ▸ Options include: **Add subject, Attach, Insert Smiley, Preset Message, Set priority,** or **More** (**Discard** and **All**).

5. Review your reply and tap **Send**.

Multimedia Messaging (MMS)

With multimedia messaging (MMS), you can send and receive instant multimedia messages that contain text, pictures, audio, recorded voice, or a picture slideshow. Messaging is available via the Messaging application in your Applications screen.

> **NOTE** See your service plan for applicable charges for multimedia messaging and MMS voice messaging.

Composing MMS Messages

1. Touch the **Apps Key** 🔳 > **Messaging** 💬 > **New message**.

2. Tap the **To**: field and enter the recipient's phone number or email information. As you enter the phone number or email address, matching contacts appear on-screen. Tap an available matching recipient or continue entering the phone number or email address.

3. Tap the text field and enter your message.

4. Press **Menu Key** 📱 > **Attach**.

5. Select a multimedia attachment type:

‣ **Pictures**: Opens the Gallery application. Use the onscreen navigation to select the picture you wish to send with the outgoing message.

‣ **Capture picture**: Opens the Camera application. Take a picture, and then tap OK to use this image in your message.

‣ **Videos**: Opens the Gallery application. Use the onscreen navigation to select a video and attach it to your outgoing message.

‣ **Capture video**: Opens the Camcorder application. Record a video, then tap OK to use this video in your message.

‣ **Audio**: Opens a menu that allows you to choose between Select music track and Sound Recorder. Use the on-screen navigation with the Select music track option to select an audio file and tap OK or record a new audio file using the Sound Recorder option.

‣ **Record audio**: Opens the message recorder.

Record Duration: Displays the length of the recorded voice message.

Record: Starts recording your message.

Play: Plays back the current recording.

Stop: Stops the recording. Once stopped, tap either **Use this recording** (attach it to your message) or **Discard** (delete the current recording and re-record).

▸ **Slideshow**: Opens the Edit slideshow menu.

Tap **Add slide** to create a new slide.

Tap the created slide (example, Slide 1), tap **Add picture**, and then select the picture you want to add to the slide.

Tap the text field below the image to enter a caption for the picture.

When finished, tap **Done** to attach the slideshow to your message.

> **NOTE** To remove or replace a picture or an audio attachment, on the Compose screen, tap the **Remove** or **Replace** button next to the attachment.

6. When you are finished creating your new MMS message, tap Send MMS.

To view and play a multimedia message:

1. Press **Apps Key** ▦ > **Messaging** 💬.

2. From the message list, tap a multimedia message to open its contents.

3. While viewing a message, tap the play icon (on the video file) to playback the file or tap the image to view the picture.

> **TIP** The file attachment on the MMS message can be saved to the microSD card. To save the attachment, touch and hold the file and tap **Save attachment** from the Message options context menu. To reply to a multimedia message:

To reply to a multimedia message

1. Press **Apps Key** ▦ > **Messaging** 💬.

2. From the message list, tap a multimedia message to open its contents.

3. While viewing a message, tap the text field and type your reply message.

4. Once completed, tap **Send**.

> **NOTE** When replying to an SMS message with an MMS message, first open the text message, press and tap or **Attach**. The original text message is then automatically converted into a multimedia message.

Deleting a Message or Message Thread

1. Press **Apps Key** ▦ > **Messaging** 💬.

2. From the message list, touch a message and press **Menu Key** ▣ > **More**.

   – or –

   Touch and hold the message thread to display the context menu.

3. Tap **Delete thread** and once prompted, tap **Delete** to complete the process.

Adjusting Message Settings

1. Press **Apps Key** ▦ > **Messaging** 💬.

2. From within the Messaging screen, press **Menu Key** ▣ and tap **Settings**.

3. Adjust the following settings according to your needs:

Storage settings

▸ **Delete old messages**. Enable this option to delete older text messages when the limit for maximum number of text messages is exceeded.

▸ **Text message limit**. Sets the maximum number of text messages that can be stored on the device (per conversation).

▸ **Multimedia message limit**. Sets the maximum number of multimedia messages that can be stored on the device (per conversation).

▸ **Signature**. Opens a dialog box to enter a signature to automatically send with your messages. Checkmark appears after a signature is entered.

▸ **Callback Number**. Opens a dialog box to view or edit the callback number sent with your messages. Checkmark appears after dialog box is closed.

Text message (SMS) settings

▸ **Delivery reports** Checkmark this setting to allow your phone to receive delivery reports for the messages you send.

▸ **Set priority**. Allows you to view and edit your preset messages.

▸ **Preset Message**. Allows you to view and edit your preset messages.

Multimedia message (MMS) settings

▸ **Delivery reports.** Checkmark this setting to allow your phone to receive delivery reports for the messages you send.

▸ **Auto-retrieve**. Enable this option to automatically retrieve the entire content of your MMS message. When checked, the MMS message header, message body, and any attachments will automatically download to your device.

   If you disable this option, only the MMS message header will be retrieved and displayed.

▸ **Roaming auto-retrieve**. Disable this option if you only desire the MMS message headers to download while roaming. Enable this option to automatically download your complete multimedia messages even while roaming.

▸ **Set priority.** Opens a dialog box that allows you to set the default priority for your multimedia messages.

Notification settings

▸ **Notifications**. Enable this option if you wish to receive a notification in the Status Bar when a new text or multimedia message arrives.

▸ **Select ringtone**. Allows you to select a ringer to sound when a new message is received. Tap this option, and then select a ring tone that is specific to new text and multimedia messages. A sample will briefly be played upon selection.

▸ **Vibrate**. Enable this option if you want the device to vibrate when a new text or multimedia message is received.

Talk

To open Google Talk and sign in

▶ Touch the **Apps Key** 🔲 > **Talk** 🗨.

When you first open Google Talk, your Friends list will be displayed. This list includes all of the friends you've added by using Google Talk on the web or on the phone.

To return to your Friends list

You can return to your Friends list while chatting with a friend so that you can invite another friend to chat, add a friend, etc.

▶ Press the **Menu Key** 🔲 and touch **Friends list**.

To sign out of Google Talk

You can sign out of Google Talk. For example, if you want to limit Google Talk conversations to your computer. Also, signing out can extend your battery life.

▶ From your Friends list, press the **Menu Key** 🔲 and touch **Sign out**.

You will no longer receive chat notifications or see others' Google Talk status in other applications, such as Gmail™.

Chatting with Friends

To chat with a friend

1. Touch the **Apps Key** ▦ > **Talk** .
   If you're already chatting with someone, you can press the **Menu Key** ▣ and touch **Friends list** to return to the Friends list.

2. Touch the friend you want to chat with.

3. Enter your message then touch the **Send** button.

The messages that you exchange are displayed on the screen and include information about the chat, such as whether it's on-the-record, the time a message was sent (if there's no response after a short while), etc.

To enter an emoticon (smiley), just press the **Menu Key** ▣ and touch **More** > **Insert smiley** to open a list of emoticons.

Your chat session will remain open until you end it.
Friends you're chatting with are displayed at the top of your Friends list, with the most recent message displayed in a black-on-white balloon.

To accept an invitation to chat

When a friend sends you a Google Talk message, you will receive a notification. The friend's name in the Friends list turns white and displays the message.

  ▸ Touch the name of the person in your Friends list.

   OR

  ▸ Open the Notifications panel then touch the chat notification.
    A chat window will open where you can exchange messages with your friend.

To switch between active chats

If you have more than one chat going, you can switch between chats.

▸ From the Friends list, touch the name of the person you want to chat with.

  OR

▸ From a chat screen, press the **Menu Key** ▣ and touch **Switch chats** and then the friend you want to chat with.

  OR

▸ While chatting with a friend, swipe left or right across the screen.

To invite a friend to join a group chat

While you're chatting, you can invite additional friends to join a group chat.

1. On a chat screen, press the **Menu Key** ▣ and touch **Add to chat**.

2. Touch the name of the friend to invite.

  The friend you invited and the current participants will receive an invitation to a group chat. Each one who accepts the invitation will join the group chat. In a group chat, everyone can see everyone else's messages. Group chats appear at the top of your Friends list, with a group chat icon.

To chat on or off-the-record

Your Google Talk messages are stored, so you can review them later and even search for them, in the Chats folder in Gmail. If you'd rather not store the messages in a chat, you can chat off-the-record.

▸ While chatting, press the **Menu Key** ▣ and touch **Chat off record**.

  To return to on-the-record chatting, press the **Menu Key** ▣ and touch **Chat on record**.

To end a chat

When you've finished your conversation, it's easy to end a chat session.

▶ From your Friends list, touch and hold the friend you want to stop chatting with. In the Context menu that opens, touch **End chat**.

   OR

▶ From a chat screen, press the **Menu Key** and touch **End chat**.

Changing and Monitoring Online Status

Google Talk allows you to change how you appear to others; you can change your online status and status messages, as well as the picture that appears next to your name on your friends' list.

To change your online status

1. Touch the **Apps Key** > **Talk** .

2. Touch your email address at the top of your Friends list.

3. In the screen that opens, touch the drop-down status menu and choose an option.

   In addition to the standard status settings described in the table below, you can also select a message that you've entered previously. You can also press the **Menu Key** and touch **Clear custom messages** to erase them and start over.

   Your status and any message you've entered appear in your friends' lists and in other locations where your status or status message are displayed.

Status Icons

Icons in Google Talk, Gmail, and other applications indicate your Google Talk status for you and your friends.

🟢	Available: Signed into Google Talk and available to chat
🟠	Away: Signed into Google Talk but not active
🔴	Busy: Signed into Google Talk but too busy to chat
⊗	Signed out of Google Talk
⚫	Invisible: Signed into Google Talk but appear signed out to others
🎥	Video Chat: Video chat is available.
🔊	Voice Chat: Voice chat is available.

To change your status message

1. Touch the **Apps Key** ▦ > **Talk** 💬.

2. Touch your email address at the top of your Friends list.

3. Enter a new status message in the Status message field.

4. Touch **Done** to save your status message.

To change your picture

1. Touch your email address the top of your Friends list.

2. Touch your picture at the top left of the screen.

3. Touch **Change** to change your picture.
   (Or, touch **Remove** to simply remove it.)

4. Choose an image from your Gallery.

5. Crop the picture and touch the **Save** button.

Managing Your Friends List

Your Google Talk Friends list contains the friends you've invited to become friends or whose invitations you've accepted in Google Talk. Friends can invite each other to chat in Google Talk and see each others' online status in Google Talk and other applications, such as in Gmail.

The Google Talk Friends list is sorted by your friends' online status: active chats, online, busy, away, and offline. Within each grouping, friends are listed alphabetically.

To add a friend to your Friends list

You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and stay up-to-date with each others' online status.

1. From the Friends list, press the **Menu Key** ▣ and touch **Add friend**.

2. Enter your friend's Gmail address and touch **Send invitation**.

To view and accept an invitation to become a friend

When a contact invites you to become a friend in Google Talk, you receive a notification in the Status Bar and the invitation appears in your Friends list.

1. Touch the invitation from either the Status Bar or the Friends list.

2. Touch **Accept** to chat with the contact, or **Cancel** if you don't want to chat with and share your Google Talk status with the sender.

To view a list of pending invitations to friends

▶ From the Friends list, press the **Menu Key** and touch **More** > **Invites**.

All the friends to whom you've extended invitations to become friends on Google Talk appear in the list until they accept or cancel your invitation.

To view all friends or only those most popular with you

By default, only the friends that you frequently chat with (the most popular) are shown in the Friends list. But you can view all friends instead.

▶ In the Friends list, press the **Menu Key** and touch **All friends**.

To switch back to just the friends with whom you chat most frequently, touch **Most popular** in the menu.

To add a friend to the 'Most popular' group

You can set a friend to always appear in your Most popular Friends list.

1. From the Friends list, touch and hold a friend's name.

If you don't see the friend's name, press the **Menu Key** and touch **All friends**.

2. Touch **Always show friend** in the menu that opens.

To remove a friend from this list, touch and hold the friend's name from the Friends list. In the menu that opens, touch **Hide friend**.

To block a friend

You can block a friend from sending you messages. When blocked, your friend will be removed from your Friends list.

1. From the Friends list, touch and hold the friend's name.
   If you don't see the friend, press the **Menu Key** ▣ and touch **All friends**.

2. Touch **Block friend** in the menu that opens.

   You can view a list of your blocked friends by opening your Friends list and pressing the **Menu Key** ▣ and touching **More** > **Blocked**. You can unblock a friend by touching the friend's name in the blocked list then touching the **OK** button in the dialog box that opens.

Changing Google Talk Settings

You can configure Google Talk to send you a notification with the contents of each message that you receive in a chat, and also to sound a ringtone or vibrate the phone.

You can also configure Google Talk to sign you in automatically when you turn on your phone, and you can set whether the mobile indicator is displayed next to your name in other people's Friends lists.

To configure notifications for new Google Talk messages

1. From the Friends list, press the **Menu Key** ▣ and touch **Settings**.

2. Checkmark **IM notifications** to receive a notification in the Status Bar when a new chat message arrives.

3. Touch **Select ringtone** to open a list of the ringtones that will ring to notify you of a new chat.

4. Touch **Vibrate** to choose the vibration setting when you receive notification of a new chat.

5. Touch **Invitation notifications** to receive a notification in the Status Bar when friend invitations are received.

To show or hide the mobile indicator to friends

1. From the Friends list, press the **Menu Key** ▣ and touch **Settings**.

2. Checkmark or uncheckmark **Mobile indicator**.

   If **Mobile indicator** is checkmarked, your friends see an outline of an Android^(TM) next to your name in their Friends list when you're signed into Google Talk on an Android phone.

To set whether you sign into Google Talk automatically

1. From the Friends list, press the **Menu Key** ▣ and touch **Settings**.

2. Checkmark or uncheckmark **Automatically sign in**.
   When **Automatically sign in** is checkmarked, you are signed into Google Talk when you turn on your phone.

To set Google Talk to change your status

1. From the Friends list, press the **Menu Key** ▣ and touch **Settings**.

2. Checkmark or uncheckmark **Automatic away-status**.

   When **Automatic away-status** is checkmarked, your status will automatically be changed to Away when the screen is turned off.

The Phone application

The phone features of your device include many ways to make calls.

▸ Press the **Home Key** ▣ and then touch the **Phone Key** ▣ in the Quick Keys bar at the bottom of the screen.

   The **Phone** application has four tabs across the top of the screen: **Phone**, **Call log**, **Contacts**, and **Favorites**. Using these tabs, you can dial manually or make calls automatically from information you've stored in your phone.

Phone

This tab allows you to dial a phone number manually. You can also call voicemail using this keypad.

Call log

This tab displays the history of all your calls. From here you can call or contact any of the entries. To delete an entry, touch and hold the entry and then touch **Remove from call log**. To delete your Call log, press the **Menu Key** ▣ and touch **Clear call log** and **OK** to confirm.

Contacts

This tab displays your Contacts list. From here you can call or contact any of the entries based on the saved information or manage your Contacts list. Press the **Menu Key** ▣ to select **Search, New contact**, **Display options**, **Accounts**, and **Import/Export**.

Favorites

This contains a short list of the contacts you communicate with most often.

To add a contact to your favorites:

1. Touch the **Apps Key** ▦ > **Contacts** ▥.

2. Tap a contact to view its details.

3. Tap the star to the right of the contact's name. (A gold star appears.)

Voice Dialer

Call a Contact by Voice Dialing

You can call numbers directly by saying the contact's name or number.

1. Touch the **Apps Key** ▦ > **Voice Dialer** ◉.
2. Say "Call" or "Dial" then a name or a phone number.
   Or, you can say "Redial" to redial the last number dialed.
3. If a list of results is displayed, touch the one you want to use.

Open an Application using Voice Dialer

1. Touch the **Apps Key** ▦ > **Voice Dialer** ◉.
2. Say "Open" and then an application name.
3. If a list of results is displayed, touch the one you want to use.
   The device opens the corresponding application.

Camera and Video

You can use the camera or camcorder to take and share pictures and videos. Your device comes with a 3.2 megapixel camera with an autofocus feature that lets you capture sharp pictures and videos.

You can take pictures and record videos using the Camera application. You can also view your pictures and videos with the Gallery application.
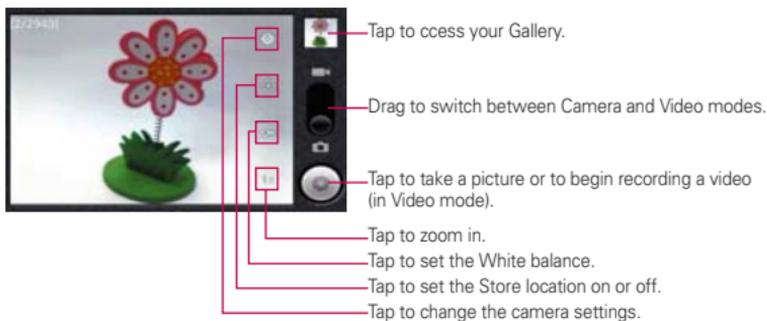
> **NOTE** Pictures and videos are stored in a microSD card. Please make sure that the device has a microSD card inserted before taking pictures or recording video.
> Be sure to clean the protective lens cover with a microfiber cloth before taking pictures. A lens cover with smudges from fingers can cause blurry pictures with a "halo" effect.

Taking Pictures

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button.

Tap to ccess your Gallery.

Drag to switch between Camera and Video modes.

Tap to take a picture or to begin recording a video (in Video mode).

Tap to zoom in.

Tap to set the White balance.

Tap to set the Store location on or off.

Tap to change the camera settings.

To take a picture

1. Press and hold the **Camera Key** located on the right side of the device.

   – or –

   Press **Home Key** > **Apps Key** > **Camera** to activate camera mode. (Additional camera options are available through the camera settings page. See **Camera Settings** for more information.)

2. Frame your subject on the screen.

3. Press the **Camera Key** ▭ or tap ● until the shutter sounds. The camera brings the image into focus. When the image is in focus, the focus indicators in each corner turn green and the camera takes a picture. (Your device automatically saves the picture to the microSD card.)

Camera Settings

From the camera mode, tap each icon to adjust the following camera settings.

- ◉ Settings

  ‣ **Focus mode** to set the focal properties of the camera lens. Choose from **Auto** (default), **Normal**, **Macro** (close up images), or **Off**.

  ‣ **Picture size** to set the size of your picture. Choose from **3M Pixels**, **2M Pixels**, **1M Pixels**, **VGA**, or **QVGA**.

  ‣ **Picture quality** to set the image quality for your picture. Choose from **Super fine**, **Fine**, or **Normal**.

  ‣ **Color effect** to apply different color effects to your pictures. Choose from **None**, **Mono**, **Sepia**, **Negative**, **Aqua**, **Sketch**, **Mono-Negative**.

  ‣ **ISO** to control the camera's sensitivity to light. Choose from **Auto** (default), **100**, **200**, **400**, or **800**.

  ‣ **Auto Review** to set whether to view the picture that was just taken. Choose from **No Review**, **2secs(default)**, or **5secs**.

  ‣ **Restore defaults** to restore the settings back to the default values.

- ◈ **Store location** to decide whether to use the device's GPS to include the location of each picture you take.

  ‣ ◉ **On**: Location stored with picture

  ‣ ◈ **Off**: Location not stored with picture

- ⒶⓌ **White balance** to select how the camera adjusts colors in different kinds of light in order to achieve the most natural-looking colors for your pictures. Choose from **Auto**, **Incandescent**, **Daylight**, **Fluorescent**, or **Cloudy**.

▸ **Zoom** to zoom in on an object. You can adjust the zoom from 1x to 4x.

Viewing Your Pictures

The Gallery is where you can access the Gallery of stored camera images. You can view them in a slideshow, share them with your friends, and delete and edit them.

1. Press **Home Key** 🏠 > **Apps Key** ⚏ > **Gallery**.

2. Select a location and tap an image to view your picture.

   ▸ Tap an image to open it, and tap **Menu Key** 🗔 or press for options, such as **Share**, **Delete**, and **More**.

   ▸ Press 🔙 to return to the previous screen.

Gallery Options

The Gallery application presents the pictures and videos on your microSD card, including those you've taken with the Camera application and those you downloaded from the Web or other locations. If you have one of your device's Google™ Accounts synchronized with Picasa, you'll also see your Picasa Web albums in Gallery.

1. Press **Home Key** 🏠 > **Apps Key** ⚏ > **Gallery** to view the gallery of images stored on the microSD card.

   ▸ Drag left or right to view more albums.

2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)

3. Tap a picture in an album to view it.
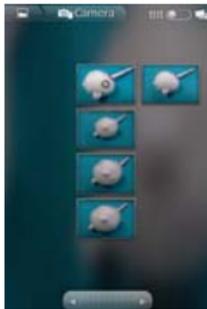
▶ Tap at the top left of the screen to return to the main Gallery screen at any time.

▶ Tap **Slideshow** to watch a slideshow of the current album.

▶ Tap **Menu** to access the following options:

　• **Share** to share the picture via Messaging, Picasa, Bluetooth, Email or Gmail.

　• **Delete** to delete the picture.

　• **More** to access options such as Details, Set as, Crop, Rotate Left, or Rotate Right.

Assigning Pictures

After taking a picture, assign it as a picture ID for a Contacts entry or as the Home screen background image (wallpaper).

1. Home Key > Apps Key > Gallery.

2. Tap an album and tap an image to view it.

3. With the picture displayed, tap Menu Key > More > Set as.

4. Select an option.

　▶ **Contact icon** to assign the picture to a Contact entry as a picture ID. Tap an entry from Contacts, crop the image and tap **Save** to assign the picture.

　▶ **Wallpaper** to assign the picture as a background image, crop the image and tap **Save** to assign the picture.

Recording Videos

In addition to taking pictures, you can record, view, and send videos with your device's built-in video camera.

1. Press and hold the **Camera Key** located on the right side of the device, then drag the camera mode control to the Video position .

   – or –

   Press **Home Key** > **Apps Key** > Camera and drag the camera mode control to the Video position .

   – or –

   Press **Home Key** > **Apps Key** > **Camcorder**.

2. Point the lens to frame the scene where you want to start.

3. Tap to start recording the video. The length of the recording is displayed on the bottom left part of the screen.

4. Tap to stop recording. Your video will be automatically saved to the Gallery.

Video Settings

From video mode, tap each icon to adjust the following camcorder settings.

- **Settings**
  - ▸ **Color effect** to apply different color effects to your videos. Choose from None, Mono, Sepia, Negative, Aqua, Sketch, Mono-Negative.
  - ▸ **Restore defaults** to restore the settings back to the default values.

- **White balance** to select how the camcorder adjusts colors in different kinds of light in order to achieve the most natural-looking colors for your videos. Choose from Auto, Incandescent, Daylight, Fluorescent, or Cloudy.

- **Video quality** to set the video quality and maximum length combination appropriate for viewing on a computer or for sharing with others via Messaging or YouTube. Choose from High(Max 2h), Low (Max 2h), MMS (Low, 30s), or YouTube(High, 10m)

Video Gallery Options

The Gallery is where you can access the Gallery of stored video images. You can view them, share them with your friends, and delete and edit them.

1. Press **Home Key** 🏠 > **Apps Key** ▦ > **Gallery** to view the gallery stored on the microSD card.

   ‣ Scroll left or right to view more albums.

2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)

3. Press twice, then tap a video to place a checkmark and access the following options:

   ‣ Tap **Share** to share the video via Messaging, YouTube, Bluetooth, Email or Gmail.

   ‣ Tap **Delete** to delete the video.

   ‣ Tap **More** to view the details of the video.

To play a video:

1. Press **Home Key** 🏠 > **Apps Key** ▦ > **Gallery** to view the gallery stored on the microSD card.

   ‣ Scroll left or right to view more albums.

2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)

3. Tap a video in an album to play.

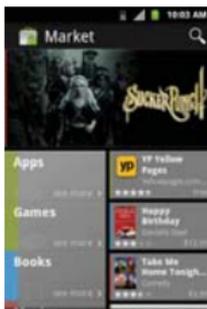   ‣ Tap the video to view the playback controls.

Market

Opening Android Market and Finding Applications

Open Android Market to browse and search for free and paid applications.

To open the Android Market application

▸ Touch the **Apps Key** ▦ > **Market** 🛒.

  When you open **Android Market** application for the first time, you must read and accept the terms of service to continue.

  NOTE Market screen shots and options may vary depending on the version installed in your device. Your Market application will update automatically when available.

To get help with Android Market

Android Market Help webpages are available from all Android Market screens.

▸ Press the **Menu Key** ▣ and touch **Help**.

  The **Browser** application opens to the Android Market Help page, with links to many help topics.

To browse for applications

You can browse applications by category and sort them in different ways.

1. On the Android Market home page, touch a category along the left side. These are displayed as tabs and include **Apps**, **Games**, **Books**, and **Movies**.

2. Scroll to the left or right to view and explore subcategories.

3. Touch an application to open its details screen.

To open a screen with details about an application

‣ At any time while browsing Android Market, touch an application to open its details screen.

The Application details screens include a description, ratings, comments, and related information about the application. From this screen, you can download, install, uninstall, and rate the application, and more.

To search for applications

1. Touch 🔍 at the top right of the screen or touch the **Search Key** 🔍.

2. Enter all or part of an application's name or description, or the developer's name you want to search for then touch 🔍 or **Go** on the keypad.

3. Touch a search result to open that application's details screen.

To return to the Android Market home screen

You can return directly to the Android Market home screen from most other screens in Android Market.

‣ Touch the **Market** icon 🔳 at the top left of the screen.

Downloading and Installing Applications

When you find an application you want, you can install it on your phone.

To download and install an application

NOTE Before you can download a paid application, you must set up a billing arrangement.

1. Find an application you want and open its details screen.

In the application's details screen, you can read more about the application, including its cost, overall rating, and comments by users. Scroll down to the Developer Info section to view more applications by this developer, visit the developer's website, or send the developer an email message.

2. Touch **Install** (for free applications) or the **Price** button (for paid applications).

   If the application requires access to your data or control of any functions on your phone, Market tells you what the application can access.

   WARNING!
   > Read this screen carefully. Be especially cautious with applications that have access to many functions or to a significant amount of your data. Once you touch **OK** on this screen, you are responsible for the results of using this item on your phone.

3. If you agree to the application's access requirements, touch **Accept & download** (for free applications) or **Accept & buy** (for paid applications).

   ▸ If you selected a paid application, you're redirected to the Google™ Checkout screen to pay for the application before it's downloaded to your phone.

   ▸ If you selected a free application (or after touching **Accept & buy** in Google Checkout), you receive a series of notifications as the application is downloaded and then installed on your phone.

   When the application is installed, you can touch the notification to open the application or open it by touching its icon in the Applications screen.

   You have 24 hours to try out an application and, if you decide you don't want it, to uninstall it for a refund.

   If you have another Android™ phone, you can download a paid application to that phone using the same Android Market account, at no additional charge.

To create a Google Checkout account

You must have a Google Checkout account associated with your Google Account to purchase items from Android Market.

▶ On your computer, go to http://checkout.google.com to establish a Google Checkout account.

OR

▶ The first time you use your phone to buy an item from Android Market, you're prompted to enter your billing information to set up a Google Checkout account.

WARNING!
When you've used Google Checkout once to purchase an application from Android Market, the phone remembers your password, so you don't need to enter it the next time. For this reason, you should secure your phone to prevent others from using it without your permission.

Music

Transferring Music Files to Your Phone

The **Music** application plays audio files that are stored on your phone's microSD card. Copy audio files from your computer onto the microSD card before you open the **Music** application. The **Music** application supports audio files in numerous formats, including MP3, M4A (DRM-free AAC files, from iTunes®), AMR, MIDI, and OGG Vorbis.

> **NOTE** The LG USB driver needs to be installed on your PC before connecting your phone to transfer music.

To copy music files onto the phone's microSD card

1. Connect the phone to your computer with a USB cable. If the default connection mode is not set to Mass Storage, open the Notifications panel and touch **USB connected** > **Mass Storage** > **Done**. Your computer will prompt you with different actions to take. Choose to open the folder to view files.

   ‣ Use the computer to organize your audio files then create a music folder at the top level of the microSD card.

   > **NOTE** The LGLG Optimus™ 2 can use a removable microSD card to store user content, such as photos, videos, and voice recordings.

2. Use the computer to copy music and other audio files into the folder that you created on the microSD card.

   ‣ You can use subfolders on the microSD card to organize your music files or you can simply copy the audio files to the top level of the microSD card.

3. Open the Notifications panel and touch **USB connected** > **Charge Only** > **Done**. Then disconnect the USB cable from the phone.

Opening Music and Working with Your Library

After you've copied some music onto your microSD card you can open the **Music** application and view your library of music files, sorted in one of four ways.

To open Music and view your music library

▶ Touch the **Apps Key** ▦ > **Music** 🔵.

The **Music** application searches the microSD card for music files you copied to your card, then builds a catalog of your music based on the information contained in each music file. This can take from a few seconds to several minutes, depending on how many files you have copied onto the microSD card.

When the catalog is complete, the Music library screen opens with tabs that you can touch to view your music library organized by Artists, Albums, Songs, or Playlists.

To search for music in your library

1. Open the main Library screen and press the **Search Key** 🔍.
2. Start typing the name of the artist, album, or track you're looking for. Matching songs are displayed in the list below the search box.
3. Touch a matching song to play it or touch a matching album or artist to view a list of associated songs.

To delete a song from the microSD card

You can delete music from the storage card.

▶ Touch and hold a song in a library list. In the Context menu that opens, touch Delete.

    OR

▶ On the Playback screen, press the **Menu Key** ▣ and touch Delete.

    You can also delete music files from the microSD card when your phone is connected to the computer. To do this, browse for the music files you want to delete and delete them from the folder.

Playing Music

You can listen to music using the phone's built-in speaker, through a wired headset, or through a wireless Bluetooth stereo headset that supports the A2DP profile.

To play music

▶ Touch a song in your library to listen to it.

    OR

▶ While viewing a list of tracks in an album, press the **Menu Key** ▣ and touch Play all.

    The Playback screen opens and the song you touched or the first song in the album or other playlist starts to play. Your music continues to play even when you switch applications or receive a phone call. The tracks in the current playlist play in order until it reaches the end, then stops. If you choose a repeat option, playback only stops when you stop it.

You can return to the Playback screen from most other screens in the **Music** application by touching the currently playing song at the bottom of the screen.

You can return to the Playback screen from any other application by opening the Notifications panel and touching the ongoing music notification.

To control playback

The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists:

�II	Touch to pause playback.
▶	Touch to resume playback.
▶I	Touch to skip to the next track in the album, playlist, or shuffle.
I◀	Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle.
⋮≡	Touch to open the current playlist.
⤬	Touch to play the current playlist in shuffle mode (tracks are played in random order).
⟳	Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.

To control playback volume

In addition to the techniques for setting media volume, you can control the volume of music in the **Music** application.

▸ Press the phone's up/down **Volume Keys**.
A panel opens to show the current media volume.
Some headsets include their own volume controls or ways to pause and resume playback or to skip tracks.

To play your tracks in a party shuffle

When you turn on Party Shuffle, the **Music** application plays tracks from your microSD card in random order until Party Shuffle is turned off.

▸ In a Library screen, press the **Menu Key** ▣ and touch **Party shuffle**.

The **Music** application creates a playlist of tracks selected randomly from your microSD card and starts playing them.

▸ View the current playlist that Party Shuffle is playing by touching the **Playlist** icon ▤ on the Playback screen.

▸ Add a track to the end of the Party Shuffle playlist by touching and holding the name of a track in your library. In the Context menu that opens, touch **Add to playlist** > **Current playlist**.

▸ To stop Party Shuffle press the **Menu Key** ▣ and touch **Party shuffle off**.

To use a song as a ringtone

You can use a song as your phone ringtone, in place of one of the ringtones that come with the phone.

▸ Touch and hold a song in a Library list. In the Context menu that opens, touch **Use as phone ringtone**.

OR

▸ On the Playback screen, press the **Menu Key** ▣ and touch **Use as ringtone**.

Working with Playlists

You can create playlists to organize your music files into sets of songs, which you can play in the order you set or in a shuffle.

To create a playlist

1. While viewing a list of songs in the Library, touch and hold the first song you want to add to the new playlist.

2. Touch **Add to playlist**.

3. Touch **New**.

4. Enter a name for the playlist and touch **Save**.

   The new playlist is added to the Playlist library.

   You can also add the song that is playing in the Playback screen as the first song in a playlist by pressing the **Menu Key** 🔲 and touching **Add to playlist**.

To add a song to a playlist

1. While viewing a list of tracks in the Library, touch and hold a song to display a Context menu.

2. Touch **Add to playlist**.

3. Touch the name of the playlist to add the song to.
   You can also add the song that is playing in the Playback screen to a playlist by pressing the **Menu Key** 🔲 and touching **Add to playlist**.

To remove a song from a playlist

1. Open a playlist.

2. Touch and hold the song you want to remove then touch **Remove from list**.

To delete or rename a playlist

1. Open the Playlist library.

2. Touch and hold the playlist to display the Context menu then touch **Delete** or **Rename**.

YouTube™

Opening YouTube and Watching Videos

You can browse, search for, view, upload, and rank YouTube videos on your phone with the **YouTube** application.

To open the YouTube application

▸ Touch the **Apps Key** ▦ > **YouTube** 📹.

   Touch a video to watch it or touch ◉ to take other actions on the video.

To watch and interact with YouTube videos

▸ Touch a video to play it.

▸ Touch the screen to view the Playback controls. You can pause and play the video or drag the slider to the point in the video you want to watch.

▸ Press the **Back Key** ⬅ to stop playback and return to the videos list.

▶ Press the **Menu Key** 🔲 for the following options: **Home**, **Browse**, **Search**, **My Channel**, **Upload**, and **Settings**.

For details about these features, visit the YouTube website.

To search for videos

1. At the top of the main YouTube screen, touch 🔍 or press the **Search Key** 🔍.

2. Enter the text to search for or touch the **Microphone icon** 🎤 to search by voice.

3. Touch a suggestion below the search box or touch the **Search icon** 🔍.

4. Scroll through the search results and touch a video to watch it.

To share your videos on YouTube

You can record and share a video using the **YouTube** application. First, you must create a YouTube account and sign into it on your phone.

You can also share the videos you record with the **Camera** application by uploading them to YouTube.

1. Touch 📷 at the top right of main YouTube screen.

2. If you want to set any configurations manually, touch the screen to open the video camera settings.

3. Point the lens to frame the scene where you want to start.

4. Touch ⏺ to start recording.

5. Touch ⏹ to stop recording.

6. Touch ✅.

The YouTube Upload details screen is displayed.

7. Touch **More details** to enter a title, description, and tags for your video.

8. If you want to share the video with everyone, checkmark **Public**. If not, touch **Private**.

9. Touch the **Upload** button.

Calendar

Viewing Your Calendar and Events

Open the **Calendar** application to view events you've created or that others have invited you to.

When you first set up your phone, you configured it to use an existing Google Account or you created a new account. The first time you open the **Calendar** application on your phone, it displays any existing calendar events from your Google Account on the web.

You can add additional accounts with Google Calendar or Microsoft Exchange calendars to your phone, and configure them to display in Calendar.

When you first set up Calendar to synchronize events on your phone, it includes events from the previous month through one year in the future. Subsequently, Calendar keeps a year's worth of future events synchronized between your phone and the web, plus any later events that you add to your calendar using Calendar on your phone.

To open the Calendar application

▶ Touch the **Apps Key** ▦ > **Calendar** ▣.

Events from each account you've added to your phone and configured to synchronize calendars is displayed in Calendar.

Events from each calendar are displayed in a different color.

To change your calendar view

▶ Access calendar view choices by pressing the **Menu Key** ▣ and touching **Agenda**, **Day**, **Week**, or **Month**.

Each view displays the events in your calendar for the period of time specified.

▶ To view more information about an event in Agenda, Day, or Week view, touch the event.

▶ To view the events of a day in Month view, touch a day.

Working in Agenda View

Agenda view is a list of your events in chronological order. All-day and multi-day events are listed at the start of each day.

To switch to Agenda view

▶ Press the Menu Key ◫ and touch Agenda.
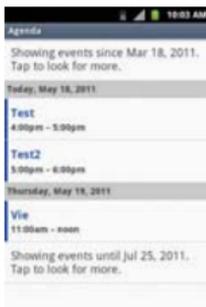
To learn more about events in Agenda view

▶ Touch an event.

A screen with details about the event opens.

Working in Day View

Day view displays a chart of the events of one day, in a table of one-hour rows. The current time will be highlighted. All-day and multi-day events are displayed at the top. Part of the title of each event is displayed in the rows that correspond to when it occurs.

To switch to Day view

  ▸ Press the **Menu Key** 🔲 and touch **Day**.

To learn more about events in Day view

  ▸ Touch an event to view its details.

  ▸ Touch and hold an event to open a Context menu to view, edit, or delete the event. Also allows you to create another new event in the same time slot for juggling multiple events.

To add an event in Day view

  ▸ Touch and hold an empty spot or an event in the day to open a Context menu then touch **New event** to create a new event at that time.

Working in Week View

Week view displays a chart of the events of one week. All-day and multi-day events are displayed at the top.

To switch to Week view

▶ Press the **Menu Key** 🔲 and touch **Week**.

To learn more about events in Week view

▶ Touch an event to view its details.

▶ Touch and hold an event to open a Context menu to view, edit, or delete the event. Also allows you to create another new event in the same time slot for juggling multiple events.

To add an event in Week view

▶ Touch and hold an empty spot or an event in the week to open a Context menu then touch **New event** to create a new event at that time.

Working in Month View

Month view displays a chart of the events of the month. Segments of each day with scheduled events are blue in the day's vertical bar.

To switch to Month view

▶ Press the **Menu Key** 🔳 and touch **Month**.

#### To view more information about events in Month view

▶ Touch a day on the calendar. You can then touch the event to view more information about it.

Viewing Event Details

You can view more information about an event in a number of ways, depending on the current view.

To view information about an event

▶ In Agenda, Day, or Week view, touch an event to view its details.

▶ In Month view, touch a day to display the events below the calendar. Then touch an event to view its details.
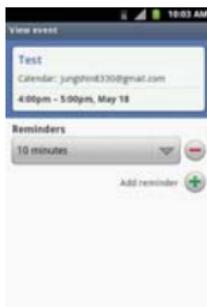
Touch the **Attending** field to set or change whether you'll attend the event.

Other attendees' status is displayed below your own.

Touch the **Reminders** field to change reminder settings, or touch ➕ to add a reminder.

If you have permission to change events, you can press the **Menu Key** ▣ to add reminder, edit, or delete the event.

Creating an Event

You can use the **Calendar** application on your phone to create events that appear on your phone and in Google Calendar on the web.

To create an event

1. In any Calendar view, press the **Menu Key** ▣ and touch **New event** to open an Event details screen for a new event.

   You can also touch and hold a spot in Day, Week, or Month view. In the Context menu that opens, touch **New event** to open the Event details screen with that day and time already entered.

2. Add details about the event.

   Enter a name, time, and optional additional details about the event.

   If you have more than one calendar, you can choose the calendar to which to add the event.

   Touch ➕ to add more reminders.

3. Invite guests to the event.

   In the **Guests** field, enter the email addresses of everyone you want to invite to the event. Separate multiple addresses with commas (,). If the people to whom you send invitations use Google Calendar, they'll receive an invitation in Calendar and by email.

   Tap 📇 to search the GAL(Global Address List)*, if you set up a Microsoft Exchange account.

   *The GAL (Global Address List) also known as Microsoft Exchange Global Address Book is a directory service within the Microsoft Exchange Email system.

4. Press the **Menu Key** 🔲 and touch **Show extra options** 📋 to add details about the event.

5. Touch the **Done** button to save the event.

   The event is added to your calendar.

Editing or deleting an event

You can edit or delete an event that you created on the phone or on the web. You can also edit or delete events created by others, if they have given you permission.

To edit an event

1. Touch an event to view its details.

2. Press the **Menu Key** 🔲 and touch **Edit event**.

   The Event Details screen opens.

   Press the **Menu Key** 🔲 and touch **Show extra options** 📋 to add or edit additional event details.

3. Make your changes to the event.

4. Touch the **Done** button to save the event.

To delete an event

There are a number of ways to delete an event.

▸ In Agenda view, touch an event to view its details. Then press the Menu Key ▣ and touch **Delete event** > **OK**.

▸ In Day or Week view, touch and hold the event and then touch **Delete event** > **OK**.

If the event repeats, you're asked whether you want to delete just that occurrence, this and all future occurrences, or all past and future occurrences in your Calendar.

Setting an Event Reminder

You can set one or more reminders for an event, whether or not you created the event or have permission to edit its other details.

To set an event reminder

1. Touch an event to view its details.

2. If no reminder is set, touch ⊕ to automatically add a reminder for 10 minutes before the event.

   If a reminder is already set, you can add an additional reminder by touching ⊕.

3. Touch the reminder field and, in the dialog box that opens, touch the length of time before the event that you want to be reminded of it.

   When the time comes, you receive a notification about the event.

   You can use Google Calendar on the web to configure additional reminder settings.
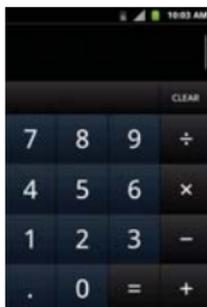
To delete an event reminder

1. Touch an event to view its details.

2. Touch ⊖ next to the reminder field.

Calculator

Allows you to perform simple mathematical calculations.

To open and use the Calculator

▸ Touch the **Apps Key** ▦ > **Calculator** ▤.

▸ Enter numbers and arithmetic operators on the Basic panel.

▸ Drag the Basic panel to the left to open the Advanced panel. You can also press the **Menu Key** ▢ and touch **Advanced panel**.

▸ Touch and hold the Calculator's display to open a Context menu where you can copy what you've entered and access other tools.

▸ Touch **Clear** to delete the last number or operator you entered. Touch and hold **Clear** to delete all of the entered information.

Clock

You use the **Clock** application to access the Alarm, Slideshow, Music, and Home functions.

To open the Clock application

▸ Touch the **Apps Key** ▦ > **Clock** ◯.

Touch to dim the screen.

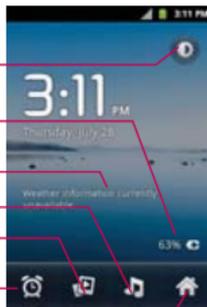Displays the battery charge level when the phone is plugged into a charger.

Displays the current weather information if available.

Touch to play music while the Clock is displayed.

Touch to play a slideshow of the pictures in your Gallery albums from the **Clock** application.

Touch to set an alarm.
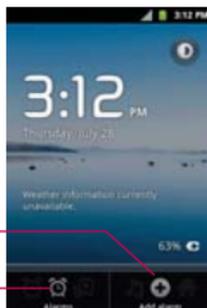
Touch go to the Home screen.

If you press the **Menu Key** ▭ from the **Clock** application, the following icons are displayed at the bottom of the screen:
Alarms and **Add alarm**.

Add alarm: Touch to set a new alarm.

Alarms: Touch to go to the Alarm notification screen.

To set an alarm

You can set an alarm by modifying an existing alarm or by adding a new one.

1. Open the **Clock** application, then touch the **Alarm** icon at the bottom of the screen.

2. Touch **Add alarm** or touch an existing alarm to modify the time or attributes as needed.

3. Set the alarm time, then touch the **Set** button.

   ‣ Enter the alarm time manually by scrolling the hour (or minutes) field.

   ‣ Set for morning or afternoon by touching **AM** or **PM**.

   Once you touch the **Set** button, the alarm is automatically turned on (indicated by the checkmark next to **Turn alarm on**).

4. Touch **Repeat** to open a dialog box to set when you want the alarm to sound.

   ‣ Touch the day(s), then touch the **OK** button.

   ‣ If you don't touch the Repeat setting, the alarm sounds only for the day it was set.

5. Touch **Ringtone** to open a dialog box to set the sound heard when the alarm sounds.

   ‣ Touch the sound (the ringtone plays briefly), then touch the **OK** button.

6. Touch **Vibrate** to checkmark the setting if you want the phone to vibrate in addition to playing the ringtone.

7. Touch **Label** to open a dialog box to enter a name for the alarm (such as "carpool" if you have to get up earlier than normal).

   ‣ Enter the text, then touch the **OK** button.

8. Touch the **Done** button when all the alarm attributes are set.

Alarms screen

The Alarms screen allows you to add new alarms as well as display your list of all added alarms.

Activating and deactivating alarms

Added alarms can be quickly activated or deactivated with a simple touch. Next to each alarm time is an alarm clock icon. A green line beneath the icon indicates the alarm is set and turned on, and a gray line indicates it is turned off. Touch an icon to toggle the alarm on or off.
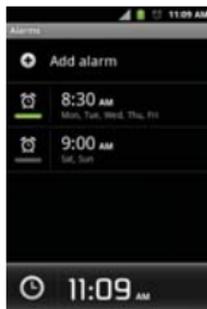
Using alarms

As with any alarm, when an alarm you set goes off, you can choose to dismiss it or snooze. Access the alarm settings to set your alarm preferences.

Alarm Settings

The alarm settings allow you to set how the alarms react.

> **NOTE** Press the **Menu Key** from the Alarms screen to display icons to access **Desk Clock**, **Add alarm**, and **Settings**.

Alarm in silent mode: Checkmark this setting if you want the alarm to play even if your phone is set to silent mode.

Alarm volume: Opens a dialog box to set the volume separate from the device volume.

Snooze duration: Opens a dialog box to set how long before the alarm sounds after you touch the Snooze button.

Volume and Camera: Opens a dialog box to set how the **Volume Keys** and **Camera Key** are used for the alarm.

ThinkFree Office

Create a new folder

1. From the Home screen, touch the **Apps Key** ▦ > **ThinkFree Office** ▣.

2. Touch **Accept** > **Activate now** > **Close** (This is necessary only when you launch this application for the first time).

3. Press the **Menu Key** ▣, then touch **New folder** ◉.

4. Enter a name for the folder and touch **OK**.

5. To manage the existing files and your newly created folder, touch and hold the desired items. Then select from the available options.

Settings

Opening Settings

The **Settings** application contains most of the tools for customizing and configuring your phone. All of the settings in the **Settings** application are described in this section.

To open Settings

▸ From the Home screen, press the **Menu Key** ▣ and touch **Settings** ◉.

  OR

▸ Touch the **Apps Key** ▦ > **Settings** ⬙.

LG Mobile Phone Software update via Over-the-Air (OTA)

This feature allows you to update the firmware of your phone to the newer version conveniently via OTA without connecting the USB cable. This feature is only available if and when LG makes the newer version of the firmware available for your device.

First, you can check the software version on your mobile phone: **Settings > About phone > Software update > Software update check**.

You can also arrange the update schedule in 1 hour, 4 hours, 8 hours or 24 hours before updates.

In this case, the application will notify you to update when the time is up. To automatically check for software updates, make sure to select **Auto software update** to activate this function.

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 Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:

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 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 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.

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

- Do not disassemble or open crush, bend or deform, puncture or shred.

- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.

- Only use the battery for the system for which it is specified.

- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.

- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.

- Promptly dispose of used batteries in accordance with local regulations.

- Battery usage by children should be supervised.

- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects   damage, take it to a service center for inspection.

- Improper battery use may result in a fire, explosion or other hazard.

- For those host devices that utilize a USB port as a charging source, check the host device's user manual for the USB-IF logo or some other means to ensure that it has completed the USB-IF compliance program.

- Your phone is an electronic device that generates heat during normal operation. Extremely prolonged, direct skin contact in the absence of adequate ventilation may result in discomfort or minor burns. Therefore,

use care when handling your phone during or immediately after operation.

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.

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

- Use the correct adapter for your phone when using the battery pack charger abroad.

Battery Information and Care

- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

- 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.

- 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.

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. (Ringtones, 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.

• Do not use your device for long periods of time while a part of your body is making direct contact with it. The temperature of the product may increase during normal operation and this may result in harming or burning your skin.

Caution:
Avoid potential hearing loss.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise induced hearing loss. This includes the use of headphones (including headsets, earbuds and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing. Individual susceptibility to noise-induced hearing loss and other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones. You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.

- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.

- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise.

- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.

- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD USA 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/health/hearing

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

Internet:

http://www.cdc.gov/niosh/topics/noise/default.html

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 does 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.

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 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 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/cgb/cellular.html) 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 headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data does 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), under "C" in the subject index, select Cell Phones > Research.

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

International Commission on NonIonizing Radiation Protection (http://www.icnirp.de)

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

Health Protection Agency (http://www.hpa.org.uk/)

10 Driver Safety Tips

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

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

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

2. When available, use a 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.

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.

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 Counsel 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.

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 1.22 W/kg and when worn on the body, as described in this user's manual, is 1.22 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/ea/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 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.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 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 example to the left, 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 on a cell phone, it's recommended that you turn the BT (Bluetooth) mode off for HAC.

According to HAC policy(KDB 285076), we state this handset has not been rated for hearing aid compatibility with respect to the WiFi capability.

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org/Home.aspx

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/consumerfacts/hac_wireless.html

Please check to see if any problems you have encountered with your phone are described in this section before taking the phone in for service or calling a service representative.

Category	Sub-Category	Question	Answer
BT	Bluetooth Devices	What are the functions available via Bluetooth?	Connecting to Stereo/Mono Headset, Car Kit, FTP server is possible. When it's connected to another phone via Bluetooth, you can receive Contacts data.
BT	Bluetooth Headset	If my Bluetooth headset is connected, can I listen to my music through my 3.5mm wired headphones?	When a Bluetooth headset is connected, all system sounds are played over the headset. As a result, you will not be able to listen to music through your wired headphones.
Data	Contacts Backup	How can I back up Contacts?	The Contacts data can be synchronized between your phone and Gmail™.
Data	Synchronization	Is it possible to set up one-way-sync with Gmail?	Only two-way synchronization is available.
Data	Synchronization	Is it possible to synchronize all the Email folders?	The Inbox is automatically synchronized. You can view other folders by pressing the **Menu Key** 🔲 and selecting **Folders**.
Data	Synchronization	Is it possible to transfer Contacts data from a feature phone to an Android™ phone?	Yes, if your contacts can be extracted into a .CSV file. **How to transfer:** 1. Create ".CSV" file with the contacts on your current phone (you may be able to use the PC suite software provided by LGE). 2. Log into Gmail with your PC. 3. Click **Contacts**. 4. Click **Import**. 5. Attach the ".CSV" file. 6. Your contacts will then be synchronized between your Android phone and Gmail.

Category	Sub-Category	Question	Answer
Google™ Service	Gmail Log-In	Should I have to log into Gmail whenever I want to access Gmail?	Once you log into Gmail, you don't need to log in to Gmail again.
Google Service	Google Account	Is it possible to filter emails?	No, email filtering is not supported via the phone.
Phone Function	YouTube™	Is it possible to play YouTube videos?	Yes, YouTube videos are supported but may have to be viewed through the **YouTube** application (and not the Browser).
Phone Function	Email	What happens when I execute another application while writing an email?	Your email will automatically be saved as a draft.
Phone Function	Ringtone	Is there a file size limitation for when I want to use an .MP3 file as a ringtone?	There is no file size limitation.
Phone Function	Message Time	My phone does not display the time of receipt for messages older than 24 hours. How can I change this?	1. Open the Messaging application. 2. Touch the desired conversation. 3. Touch and hold the desired message. 4. Touch **View message details**.
Phone Function	microSD Card	Is it possible to save applications to the microSD card?	Some applications can be saved to the microSD card. 1. From the Home screen, press the **Menu Key** and touch **Settings > Applications > Manage applications**. 2. Touch a tab at the top of the screen, touch an application, then **Move to SD card**.
Phone Function	microSD Card	What is the maximum supported size for a memory card?	32GB memory cards are compatible.

Category	Sub-Category	Question	Answer
Phone Function	Navigation	Is it possible to install another navigation application on my phone?	Any application that is available on Android Market™ and is compatible with the hardware can be installed and used.
Phone Function	Synchronization	Is it possible to synchronize my contacts from all my email accounts?	Only Gmail and MS Exchange server (Company Email Server) contacts can be synchronized.
Phone Function	Wait and Pause	Is it possible to save a contact with Wait and Pause in the numbers?	If you transferred a contact with the Wait and Pause functions saved into the number, you will not be able to use those features. You will need to re-save each number. How to re-save numbers with Wait and Pause: 1. From the Home screen, touch the **Phone Key** (in the Quick Keys bar). 2. Dial the number, then press the **Menu Key**. 3. Touch **Add 2-sec pause** or **Add wait**.
Phone Function	Security	What are the phone's security functions?	You are able to set the phone to require the entry of an unlock sequence (pattern, PIN, or password) before the phone can be accessed or used.
Phone Function	Unlock Pattern	What should I do if I forget my Unlock Pattern?	After attempting the Unlock Pattern 5 times, you can touch the **Forget Pattern?** option and use your Google Account information to unlock your phone.

Category	Sub-Category	Question	Answer
Phone Function	Unlock Pattern	How do I create the Unlock Pattern?	1. From the Home screen, press the **Menu Key** 🔳. 2. Touch **Settings > Location & security**. 3. Touch **Set up screen lock** (under the **Screen unlock** section of the settings). 4. Touch **Pattern**. The first time you do this, a short tutorial about creating an unlock pattern appears. 5. Set up by drawing your pattern once, then **Continue**, draw again and touch **Confirm**.
Phone Function	Memory	Will I know when my memory is full?	Yes, you will receive a notification.
Phone Function	Language Support	Is it possible to change the language?	The phone has multi-lingual capabilities. **To change the language:** 1. From the Home screen, press the **Menu Key** 🔳 and touch **Settings**. 2. Touch **Language & keyboard > Select language.** 3. Touch the desired language.
Phone Function	Language Support	Which languages are supported when using Android Market?	The **Market** application supports English and Spanish. Third party applications may not support all languages.
Phone Function	VPN	How do I set up a VPN?	VPN access configuration is different according to each company. To configure VPN access from your phone, you must obtain the details from your company's network administrator.

Category	Sub-Category	Question	Answer
Phone Function	Screen time out	My screen turns off after only 15 seconds. How can I change the amount of time for the backlight to turn off?	1. From the Home screen, press the **Menu Key** ▣. 2. Touch **Settings** > **Display** > **Screen timeout**. 3. Touch the preferred screen backlight timeout time.
Phone Function	Audible touch tones	I've turned off haptic feedback on my phone. However, when I dial a number, the phone still vibrates. How do I turn this off?	1. From the Home screen, press the **Menu Key** ▣. 2. Touch **Settings** > **Sound**. 3. Touch **Audible touch tones** to remove the checkmark and disable the function.
Phone Function	Home screen	Is it possible to remove an application from the Home screen?	Yes. Just touch and hold the icon until the trash can icon appears at the bottom-center of the screen. Then, without lifting your finger, drag the icon to the trash can.
Phone Function	Application	I downloaded an application and it causes a lot of errors. How do I remove it?	1. From the Home screen, press the **Menu Key** ▣. 2. Touch **Settings** > **Applications** > **Manage applications**. 3. Touch a tab at the top of the screen, touch the application, then **Uninstall**.
Phone Function	Camera	My phone's camera does not take pictures and says "No SD Card or SD card is not ready!". Why doesn't it work?	A microSD card must be inserted in order to use the phone's camera. Verify that the microSD card is mounted on the device. Press the **Menu Key** ▣ and touch **Settings** > **Storage** > **Mount SD card**

Category	Sub-Category	Question	Answer
Phone Function	Alarm	Can I use music files for my alarm?	Yes. After saving a music file as a ringtone, you can use it for your alarm. • Touch and hold a song in a library list. In the menu that opens, touch **Use as phone ringtone**. • In an alarm clock setting screen, select the music as a ringtone.
Phone Function	Alarm	Will my alarm be audible or will it go off if the phone is turned off?	No, this is not supported.
Phone Function	Alarm	If my Ringer Volume is set to **Off** or **Vibrate**, will I hear my alarm?	Your alarm is programmed to be audible even in these scenarios.
Phone Spec	Battery Time	What is the maximum amount of time my phone's battery will last before I need to recharge it?	Talk time : Approx. 455 mins Standby : Approx. 20 days
Phone Spec	Band	Which wireless bands are supported by the phone?	Your phone is able to operate on the 800Mhz and 1900MHz bands.
Recovery Solution	Factory Reset	How do I perform a factory reset?	1. From the Home screen, press the **Menu Key** . 2. Touch **Settings > Privacy > Factory data reset**. 3. Read the warning and touch **Reset phone**. 4. Touch **Erase everything**. **Attention:** If a factory reset is performed, all installed application and user data will be erased. Please remember to back up any important data before performing a factory reset.

Category	Sub-Category	Question	Answer
Recovery Solution	Factory Reset	How can I perform a factory reset if I can't access the phone's setting menu?	How to perform a factory reset: 1. Turn the power off. 2. Touch and hold the following keys at the same time for less than 8 seconds: **Power/Lock Key** ▣ + the down **Volume Key** + **Home Key**. 3. You will enter the Android system recovery mode 4. Press the down Volume Key to scroll to **wipe data/factory reset** and press ▣ to select it. 5. Press the down Volume Key to scroll to **Yes -- delete all user data** and press ▣ to select it. 6. After the data wipe is complete, press the down Volume Key to scroll to **reboot system now** and press ▣ to select it. **Attention:** If a factory reset is performed, all installed applications and user data will be erased. Please remember to back up any important data before performing a factory reset.
	Battery installing	Phone locked-up and does not function	Remove the battery and install it to restart your phone again. (similar to how you may restart your PC/computer).

This is a step-by-step guide for frequently asked questions. If you run into a problem or are having trouble with a feature, take a look at this section before you contact the Customer Information Center. Thank you.

Contacts

How can I add contacts if I don't have a microSD card inserted or a Google Account?

1. Open the **Contacts** application.

2. Press the **Menu Key** 🔳 and touch **New contact**.

3. Enter the contact's name.

4. Touch a category of contact information, such as Phone or Email, to enter any relevant information about your contact.

5. Touch a category's plus button ➕ to add more than one entry for that category.

6. Touch the Picture icon to select a picture to display next to the name in your list of contacts and in other applications.

7. When you're finished, touch the **Done** button.

Can I import contacts to my LG Optimus™ 2?

Yes. If you have .vcf files stored on a microSD card, you can import those to your phone.

1. Open the **Contacts** application.

2. Press the **Menu Key** 🔳 and touch **Import/Export**.

3. Touch **Import from SD card**.

4. If you have more than one account on your phone, touch the account into which you want to import the contacts.

5. Touch the importing option and then touch the **OK** button.

I have a Google Account and have a Contacts List for my Gmail account. How can I sync the list with my phone?

1. Open the **Contacts** application.

2. Press the **Menu Key** 📧 and touch **Accounts**.

   OR

1. From the Home screen, press the **Menu Key** 📧 and touch **Settings**.

2. Touch **Accounts & sync**.

3. Touch the **Add account** button and touch **Google** to add a Google Account.

4. Read the instruction and touch the **Next** button.

5. Touch the **Sign in** button.

6. Enter your username and password, then touch the **Sign in** button.

7. After setting up the Google Account, checkmark **Sync Contacts** and touch the **Finish** button. During sync, 🔄 is displayed on the Status Bar.

   NOTE   To sync contacts with other applications, please follow that application's instructions.

I added contacts to the Contacts list, but they're not displayed. Why?

1. Open the **Contacts** application.

2. Press the **Menu Key** 📧 and touch **Display options**.

3. Check whether **Only contacts with phones** is selected.

   (When selected, a green checkmark will appear.)

   If **Only contacts with phones** is checkmarked, the phone only displays contacts that have phone numbers. Uncheckmark the option.

4. For the contacts synchronized with your Google Account, you need to add a checkmark to **All Other Contacts**.

   NOTE   Contacts information which have the same name are joined automatically in the Contacts list. When you add an account or add contacts in other ways, such as by exchanging emails, the **Contacts** application attempts to avoid duplication by joining contact information automatically.

How can I separate the grouped contacts?

1. Open the **Contacts** application.

2. Locate the contact then touch and hold the contact. The Context menu will open.

3. Touch **Edit contact**. If multiple contacts are joined under the same name, each contact entry that was joined is listed separately within the Edit screen. Scroll the screen to view them.

4. To separate them, press the **Menu Key** 🔲 and touch **Separate**.

5. To confirm the selection, touch the **OK** button.

How can I sync contacts?

1. From the Home screen, touch the **Apps Key** 🎛 > **Settings**.

2. Touch **Accounts & sync**.

   OR

1. Open the **Contacts** application.

2. Press the **Menu Key** 🔲 and touch **Accounts** .

3. Touch the **Add account** button and touch an account to add.

4. Follow the on-screen steps displayed, depending on the type of account.

   NOTE Each account has different sync timing.

Google Accounts allow you to select (with checkmarks) whether or not you want automatic synchronization. You can also press the **Menu Key** 🔲 and touch **Sync now** to manually synchronize data.

How can I check that my data is synchronizing?

1. From the Home screen, touch the **Apps Key** 🎛 > **Settings**.

2. Touch **Accounts & sync**.
   OR

1. From the Home screen, touch the **Apps Key** 🎛 > **Contacts** 🔳.

2. Press the **Menu Key** 🔲 and touch **Accounts**.

3. Under Manage accounts, 🔄 is shown.

Email Information

Why am I unable to access Email on my LG Optimus™ 2?

You may need to manually set up your account as a POP3 or IMAP4 account.

Why can't I open email attachments?

To view some file types, you must first download the applications (from the Android Market) that can access those file types.

File types supported by the Email application

- Image: JPG/JPEG, BMP, PNG, GIF, WBMP
- Audio: mp3, wma, 3gp, wav, amr, ogg, midi(mid), aac, m4a
- Video: 3gp, 3g2, mp4, wmv
- Document: MS office 2003, 2007 (doc, xls, ppt, docx, xlsx, pptx), pdf, txt

Other Email-Related Issues

Why can't I connect to the Mail Server?

If you are unable to connect to the Mail server but other applications are still able to access the data network, you will need to contact the Email server manager.

Why won't the phone open a file that is supposed to be supported by the phone?

If you are unable to open an image, video, audio, or other attached file, it's possible that the file was saved with the wrong file extension.

Why do my Exchange emails only go back a few days?

Exchange accounts set up on your phone will only synchronize for a specific number of days. Check your settings, the options available are: One day, Three days, One week, Two weeks, and One month.

Why do I get a Connection Error message with my Hotmail account?

When the **Email** application is set to check for new email less than every 15 minutes, this has been known to occur.

Supported Email Features

The chart below details which Email account types (EAS, IMAP4, and POP3) support which features.

	EAS (Exchange ActiveSync)	IMAP4	POP3	Notes
Push	Yes	No	No	Push Email is a feature that instantly notifies you when a new email is received by your email server.
Synchronize with mail server	Yes	Yes	No	If you delete an email message on the server, it will also be deleted on the phone, and vice versa. This feature is not supported by POP3 account types.
Contact/ Calendar Sync	Yes	No	No	

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 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, OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. 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 OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE 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:

If you experience any problems with either the Bluetooth headset or the mobile handset, in each case as may be covered by this limited warranty, you need only return the affected device. For example, if a problem exists with the Bluetooth headset, please DO NOT return your mobile handset with the headset. Likewise, if a problem exists with the mobile handset, please DO NOT return the Bluetooth Headset with the handset.

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.