USER GUIDE

LG-VS950 by LG

Verizon 4G LTE CERTIFIED

USER GUIDE

P/N:MFL00000000 (1.0) NW

GUÍA DEL USUARIO

LG-VS950 by LG

Verizon 4G LTE CERTIFIED

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 internal 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.

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

LTE Standard	Designator	Description
Basic Air Interface	TS 36.101 TS 36.104	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception
Conformance Test	TS 36.521-1 TS 36.521-2 TS 36.521-3	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS) Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing

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 0.39 inches (1.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1.0 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 0.39 inches (1.0 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.

The phone operates on Verizon's 4G network, based on Long Term Evolution (LTE) technology and Mobile Broadband 4G networks in the United States*.

Now you can connect easily at high speeds to the Internet, your corporate Intranet, and your email while you're away from the office.

> ***** Service not available everywhere. Visit website (verizonwireless.com/4G) for a complete list of available areas.

> ***** Information subject to change.

Cautions

▸ The user interface of Google applications (Google Search, Google Maps, Navigation, etc.) can vary depending on its software version.

▸ Locations are inaccurate when GPS and WIFI are not set.

▸ With the Android operating system, some available Market applications only operate correctly with phones that have a specific screen resolution.
Please be advised that some of the applications on the Android Market may not be available for your phone due to LCD resolution requirement that does not match your phone. In addition, please be aware that 3rd party applications with programming defects may cause issues with your phone, including lock ups and resets.

Phone Overview

Front View

① Proximity Sensor

② Front Camera Lens

③ Quick Keys

④ Back Key

⑤ Home Key

⑩ Earpiece

⑨ Home screen

⑧ Menu Key

⑦ App 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. **Earpiece** Lets you hear callers and automated prompts.

2. **Quick Keys**

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

   - **Contacts Key** Opens the **Contacts** application.

   - **Messaging Key** Opens the **Messaging** application.

   - **Email Key** Opens the Email application.

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

3. **Back Key** Returns to the previous screen. Also closes pop-up display items, such as menus, dialog boxes, and the on-screen keyboard.

4. **Home Key** Returns to the Home screen. If you're already viewing one of the Home screen extension canvases, it navigates you to the central Home screen canvas. Touch and hold to view the most recently used applications.

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

6. **App Key** Opens the list of frequently used apps. Touch and hold the app to **Remove from list** or see the **App info**.

7. **Menu Key** Opens an Options menu with options that affect the current screen or application.

8. **Home screen** Displays all of the information needed to operate your phone, such as applications, call status, date, time, signal status, and battery strength.

9. **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 the 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 operations, the display, etc.

10. **Front Camera Lens** Use for taking pictures and recording videos of yourself. You can also use this for video chatting. Keep it clean for optimal performance.

Rear View

⓫ **LED Flash**

⓭ **Rear Camera Lens**

⓮ **Back Cover**

⓬ **Speaker**

11. **LED Flash** This would brighten the image up when you turn on the flash.

12. **Speaker** Sound comes from the rear speaker instead of the earpiece (e.g., the speakerphone function, music player function, etc.).

13. **Rear Camera Lens** Use for taking pictures and recording videos. Keep it clean for optimal performance.

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

Top View and Side Views

⑮ **3.5mm Headset Jack**

⑱ **Power/ Lock Key**

⑰ **USB/Charger Port**
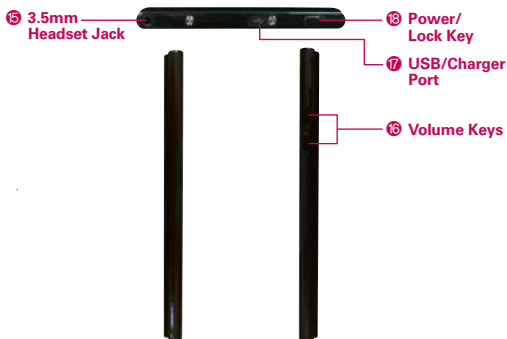
⑯ **Volume Keys**

15. **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.

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

17. **USB/Charger Port** Allows you to connect the phone charger, USB Cable, or other compatible accessories.

18. **Power/Lock Key** Press and hold to power the phone on or off. If your screen turns off, press the Power/Lock Key to turn in back on.

Guided Tours

The Guided Tours application allows you to quickly view information about your phone, including the user guide and video tutorials.

To access Guided Tours, from the Home Screen, touch the **Apps Key** ▦ > **Guided Tours** 🔶.

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

Removing the battery

1. Turn the phone off and use the fingertip cutout at the bottom of the phone to remove the back cover.

2. Use the fingertip cutout at the bottom of the battery compartment to lift the battery out.

> **NOTE**   Be careful not to scratch or damage the inside of the back cover as this is where the antenna is located.

Installing the SIM card

NOTE   If not already inserted, follow the instructions below to insert your SIM Card.

Turn the power off. Remove the back cover and the battery (as demonstrated in the previous instructions). Locate the SIM card slot (a SIM card graphic is inscribed near the slot opening). Position the SIM card with the label side facing up and slide it into place until it is fully inserted and locked in place.

Removing the SIM card

Turn the power off. Remove the back cover and take the battery out. Locate the SIM card slot. Gently slide the SIM card out to remove it.

CAUTION   When switching to a new SIM, the device displays the message saying all e-mail accounts would be deleted. On other Android devices, if you change SIMs it asks the user to enter their password to keep all the accounts on the device.

Inserting a microSD card

NOTE   The microSD card is sold separately.

Turn the power off. Remove the back cover (as demonstrated in the previous instructions) and locate the microSD card slot (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 unmount the microSD card

It is important to unmount the microSD card before removing it from the slot to avoid damage to the card or data saved on the card.

1. From the Home Screen, touch the **Apps Key** .
2. Touch **Settings** > **Storage**.
3. Touch **Unmount SD card** > **OK**.

To remove the microSD card

Turn the power off. Remove the cover and locate the microSD card slot. Carefully push the microSD card in to release it from the slot, then gently pull the microSD card out to remove it.

Memory encryption

▸ You can encrypt all data in phone and SD card.
▸ Data cannot be encrypted when the battery level is less than 80%.
▸ While encrypting, you cannot access Email, Contacts, and Calendar. Some settings will not be available as well.
▸ Do not connect the USB Cable while encrypting.
▸ Do not take out the microSD card while encrypting.
▸ Do not take out the battery while encrypting.
▸ Do not press the **Power/Lock Key** while encrypting.
▸ While encrypting phone, your phone will reboot several times.
▸ After encrypting the SD card and performing a Factory reset, you cannot access encrypted data in the SD card.
▸ Do not unplug your chager while encrypting.
▸ After encrypting Phone or the SD card, you cannot use 'None', 'Slide', 'Face Unlock', 'Pattern' in 'Select screen lock' menu.

Charging the Phone

Your phone comes with an Wall 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 phone. Improper handling of the USB/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 Charger.
   When connecting, as shown below, the LG logo on the USB Cable will face toward you.

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

USB Cable   Wall Charger
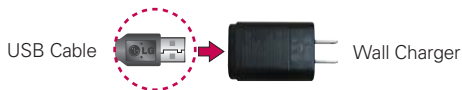
NOTE   Correctly orient the USB Cable with the phone's port. The 'B' side of the USB Cable should be facing upwards.

Charging with the USB Cable

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 USB/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.

NOTE   If there is not enough charge in the battery to turn on the phone, the LED lights at the bottom of the keypad flash to indicate that the battery is charging. Once the battery has enough charge to turn the phone on, the flashing stops and the battery charge animation appears on the touchscreen.

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 Saver in the Settings menu or the Power Control widget to control the wireless connections, GPS connection, Bluetooth power, display brightness, and syncing activity.

To check the battery charge level

▸ From the Home Screen, 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.

▸ From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙ > **About phone** > **Status**. This screen displays battery usage times. It lists all of the applications or services using battery power from the greatest amount of energy used to the least amount.

▸ Touch an application or service in the Battery use screen to see the details about its power consumption, including either how long since last connected to a power source or how long you were last running on battery power. Different applications or services offer different kinds of information, and they may even include options to modify the settings so you can reduce power consumption by that application.

Power Saver mode

If the battery charge level drops to low levels, the phone automatically activates Power Saver mode to conserve battery power until you can recharge it. You can set the phone to activate Power Saver mode at 10%, 30%, 50%, 70%, or Never. From the Home Screen, touch the **Apps Key** > **Settings** > **Power Saver> BATTERY INFORMATION > Battery use**. When the battery charge is low, a notification is displayed prompting you to turn on Power Saver.

Power Control Widget

The Power Control widget helps users to conserve battery life easier.

▸ Easy to control battery usage when battery life is low.

▸ The **Turn off all** option disables all the setting items on the Power control widget to save battery life.

▸ The **Power Saver** option launches the Power Saver application.

To access the Power Control widget, touch and hold an empty space on a Home screen canvas. With **Widgets** selected, touch **Power Control**. Tap the screen to add the widget to the display canvas.

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 Phone options menu appears.

2. Touch **Power off** in the dialog box that appears.

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

Restarting the phone

1. Press and hold the **Power/Lock Key** until the Phone options menu

appears.

2. Touch **Restart** in the dialog box that appears.

3. Touch **OK** to confirm that you want to restart 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. Swipe the screen to any direction to unlock it. 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 to unlock it.
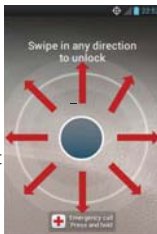
Shortcuts on the lock screen

There are four icons in the center of your lock screen that you can use for quick access to the **Phone** application, the **Messaging** application, the **Voicemail** application, and the **Camera** application. Touch and drag any of these icons downward to immediately open and use its application. There's no need to unlock the screen or touch any other keys.

> **TIP** Four frequently used shortcut icons are provided on the lock screen. Slide the icon you want to use downwards to unlock the screen and provide the direct access to the chosen application.

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 and hold the **Power/Lock Key** ⬤ until the Phone options menu appears.

2. Touch **Silent mode**.

   OR

1. Press the down **Volume Key** ▬ ▬ on the side of the phone until all sounds are turned off.

> **NOTE** You can also use these keys to quickly turn the phone sounds back on. Press and hold the **Power/Lock Key** ▬ , then touch **Silent mode** to toggle between on and off. While in Silent mode, press the up **Volume Key** ▬ ▬ once to activate Vibration mode and twice to turn on phone sounds (continue pressing to increase volume).

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. Select your language and touch **Next**.

2. On the Welcome screen, touch **Next** to set up your device.

3. Select whether to **Skip** or **Start** the Backup Assistant Plus application.

4. Select whether to **Skip** or **Next** 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.

5. Read the Privacy caution and touch **Next**. Then set your Location settings (**VZW Location Services/ Standalone GPS Services/ Google Location Services**) and touch **Next**.

6. To begin using your phone after completing the setup, touch **Done**.

> **NOTE** After successfully setting up your device, you can choose to view options that teach you about your new phone including **Watch & Learn / My Verizon Mobile Video / Guided tours / Go to My Verizon**. These options can be viewed later by accessing the Tools section of the Applications screen.

For more information on how to set up your email, visit **smartphones. verizonwireless.com/**. Hover over the **Support tab** and under **Get Help With Your** click on **Device**. Then search for your phone.

Setting up your Google Account

1. At the setup screen, touch **Existing** or **New**.

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

   NOTE Touch the **Back Key** ⬅ to close the keyboard.

3. Touch **Sign in** to sign in to your account.

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

   NOTE This is automatic for the first Google account added. When adding additional Google accounts, you have to select which options to synchronize.

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

   Username:_____@gmail.com

   Password:_____

Your Google Account

You must sign into a Google Account to use Gmail, Google Talk, Google Calendar, and other Google Applications; 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 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.

Phone's Status Icons

The Status Bar appears at the top of every screen. It displays icons indicating that you've received notifications (on the left) and icons indicating the phone'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. To open the Notifications panel, touch and drag the Status Bar down.
The following icons indicate the status of your phone.

Call icons

	Microphone muted during a call		Missed call notification
	In call		In call using Bluetooth device
	Speaker is on		Privacy call

Calendar & Alarm icons

	Alarm set		Calendar event notification

Email and Messaging icons

	Others Email event received		Sending Others Email failed
	New message received		Sending message failed
	New Voicemail received		New Visual Voicemail received
	Google Talk message received		Playing Visual Voicemail in Background

Sound icons

	Music currently playing		Silent mode is on
	Vibrate mode is on		Wired headset connected

Network icons

	4G network connected		Using 4G network
	Download through 4G network		Upload through 4G network
	3G network connected		Using 3G data network
	Download through 3G network		Upload through 3G network
	Acquiring GPS access		GPS on
	No service		Weak network signal
	Strong network signal		Downloading
	Uploading		Airplane mode is on
	Roaming		Location service is on
	Location service is off		

Connectivity icons

	No Wi-Fi signal		Strong Wi-Fi signal
	Android debugger connected		USB connected
	Bluetooth is on		Bluetooth device connected
	USB tethering is on		Wi-fi Direct on

System icons

	More notifications		System secured
	System alert		SD card inserted
	Preparing the SD card to use		Memory processing error
	No SIM card		Unknown SIM card
	Google sync started		Google sync error
	Battery empty		Battery full
	Battery charging		Battery status unknown (error)
	Keyboard layout change		

Indicate icon

	SmartShare On		SmartShare music playing

Getting to Know the Home Screen

The Home screen is your starting point to access all of 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.

Quick Keys
Provide easy, one-touch access to the phone functions used most often.

Quick Keys

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

- : Opens the **Phone** application which displays a dial pad so you can dial an unsaved number.You can also make calls using your Call log, Contacts, and Groups by touching the tabs across the top of the screen.

  TIP The Dial Pad and your Contacts provide easy access to a flick-able list of 12 frequently reached contacts.

- : Opens the **Contacts** application and displays your Contact list. You can also access the Phone application, Call log, and your Groups by touching the tabs across the top of the screen.

- : Opens the **Messaging** application. You can send text messages or multimedia messages, which can contain pictures, videos, audio, maps of your location, slideshows, and vCard files.

- : Opens the Applications screen which displays phone options and applications.

To return to the Home screen

▸ Touch the **Home Key** at any time, from any application.

To view other Home screen canvases

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

Home Screen Canvas Indicator
The dots near the top of the screen indicate which Home screen canvas you are viewing.
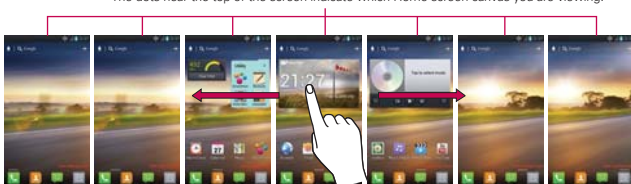
Pinch in on the Home screen to display the mini canvas view, then touch the Home screen canvas you want to view. Touch and hold home screen to edit. Drag the screen to Remove icon on the top to delete.

Touch here to set default home screen.

Mini canvas view

Mini canvas view allows direct access to any of the canvases and also allows you to manage your Home screen canvases. You can delete canvases, and even rearrange canvas order to suit your needs.

Pinch in on any of the Home screen canvases to change from full screen view to mini canvas view. From mini canvas view you have the following options:

▸ To go directly to any Home screen canvas, simply touch the one you want.

▸ To delete a Home screen canvas, touch and hold the canvas to delete, then drag it to **Remove** at the bottom of the screen. When the Remove icon turns red, lift your finger.

▶ To rearrange your canvases, touch and hold the canvas to move, drag it on top of the canvas position where you want it, then lift your finger. The canvases swap places.

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 or tap A single finger touch selects an item. For example, touch an icon (e.g., application or menu item), touch words (e.g., menu selection or to answer an 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 and drag the Status Bar downward to open the Notifications panel.

Swipe or slide Move your finger quickly 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 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 in or out on 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 Applications screen items. It also changes the Home screen to mini canvas view.

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.

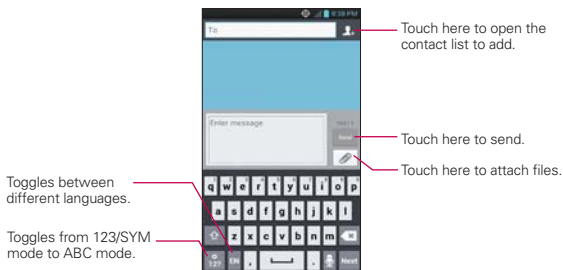**Auto-fit screen** The resolution size of the downloaded application would be optimized to phone's screen.
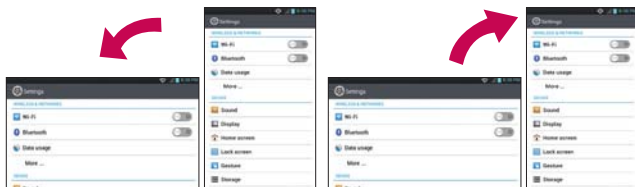
Rotate the phone sideways for landscape orientation.

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.
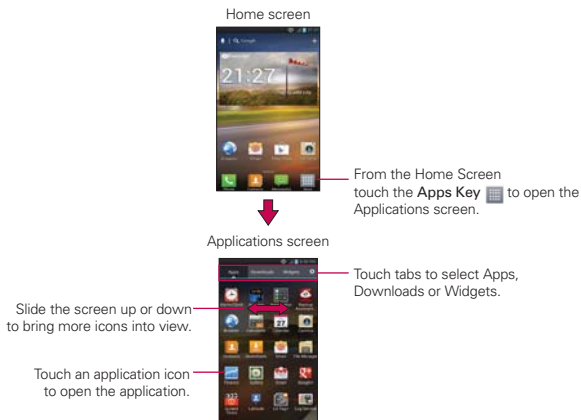

Touch here to open the contact list to add.

Touch here to send.

Touch here to attach files.

Toggles between different languages.

Toggles from 123/SYM mode to ABC mode.

Typing tips	
Enter other characters	From the numbers keyboard, touch the Symbols Key . Touch the Numbers Key or the Letters Key to exit from the symbols keyboard.
Enter one capital letter	Touch the Shift Key .
Enter all capital letters	Touch the Shift Key twice. Touch again to revert to lowercase.
Highlight text	Double-tap a word to highlight it. To highlight a range of text, double-tap the screen, then drag the blue highlight markers to highlight the text you want.
Cut or copy selected text	Touch and hold the highlighted text, then touch **Cut** or **Copy** in the Context menu.
Paste cut or copied text	Touch and hold the location to paste the text, then touch **Paste** in the Context menu.
Delete a character	Touch the Delete Key .
Language toggle	Touch and hold the Language Key to open a menu to set alternate languages. Then while typing, simply touch the Language Key to toggle between your language keyboards.

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**, then touch the language you want to use.

Applications: How to View, Open and Switch

Home screen

From the Home Screen touch the **Apps Key** to open the Applications screen.

Applications screen

Touch tabs to select Apps, Downloads or Widgets.

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

Touch an application icon to open the application.

Opening and Closing the Applications screen

Opening the Applications screen

It's easy to access the Applications screen no matter what feature you're currently using. Simply touch the **Home Key**, then touch the **Apps Key**.

Closing the Applications screen

To manually close the Applications screen, touch the **Home Key**.

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

Customizing the Applications screen

The phone includes a wide variety of applications and you can download even more applications to your device. You can customize these items on the Applications screen for faster access (less scrolling) to the applications you use most often.

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 Applications screen, but you can copy any application icon to your Home screen for faster access. No matter where the icon is, on the Applications 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. Touch 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. From the Home Screen, touch the **Apps Key** .

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

Switching between multiple applications

1. Touch 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 touch the **Back Key** to return to the current screen.

If you flick the application icon to the right or left, the icon would disappear from the recent app list.

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 Applications screen.

2. Touch and hold the application icon you want to add to your Home screen. Your Applications 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.

Moving applications to other Home screens

You can place application icons on any of the Home screen canvases.

  ▸ Simply touch and hold, then drag the icon to the left or right edge of the screen to advance to the other screen canvases before lifting your finger.

  ▸ The **Relocate item** option must be enabled under the Gesture settings. From the Home Screen, touch the **Menu Key** ▮ > **Settings** > **Gesture** and then checkmark **Relocate item** under the Home screen section. Touch and hold the icon to move, then tip the device in the direction of the canvas you want. The Home screen canvases slide in the tipped direction. Lift your finger to drop it on the canvas you want.

Setting the Theme

Four different themes are provided, which come with a dedicated Home screen wallpaper, Lock screen and applications list per theme. To change your theme, touch the **Menu Key** ▮ from the Home screen and touch **Theme**. Select from the Theme.

Optimus

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, touch the **Menu Key** ◼. Not all applications have Options menus; if you touch the **Menu Key** ◼ on a screen that has no Options menu, nothing will happen.

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.
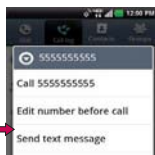
Managing Notifications

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

> **NOTE** The Status Bar is sensitive to the drag motion so just beginning the downward drag will open the Notifications panel.
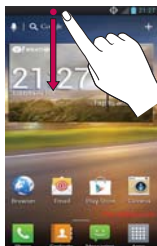
Touch to edit which icons are displayed on the Notifications panel. You can add up to seven icons.

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 **Clear**.
   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 touch 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.

Quick settings on the Notifications panel

The top of the Notifications panel includes Quick Settings. These icons allow quick and easy access to set modes including Sound, Bluetooth, GPS, Airplane and Data. Touch **Edit**   to open a dialog box to customize your Quick Settings by checking the items you want to appear and then touching **Save**.

Tap any of the Quick Settings to toggle through the available settings:

  ▶ Sound   , Vibrate   , and Silent   .
  ▶ Bluetooth On   and Bluetooth Off   .
  ▶ NFC On   and NFC Off   .
  ▶ GPS On   and GPS Off   .
  ▶ Sync On   and Sync Off   .
  ▶ Airplane mode On   and Airplane mode Off   .
  ▶ Rotation On   and Rotation Off   .
  ▶ 100% brightness   and 500% brightness   and no brightness   .
  ▶ Data On   and Data Off   .

> **NOTE** If necessary, scroll horizontally to see all of the available icons.

Searching Your Phone and the Web

You can search for information on your phone and on the web using the **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. Touch the **Search Key** on the Home screen or in the other applications that support this feature. The Quick Search Box will open automatically.

Voice Search
Touch to search by voice.

Search results
Provides a one-touch shortcut to matching search items and past searches.

2. Enter the text you're searching for in the Quick Search Box.
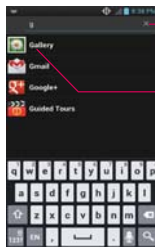
The **Voice search** icon changes to the **Go** icon as soon as you begin entering text.

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 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 these settings touch the **Menu Key** ▬ > **Settings**.

3. Touch the **Search key** 🔍 from the keyboard.

Locking the Screen

Your phone automatically uses 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 **None**, **Swipe**, **Face Unlock**, **Pattern**, **PIN** or **Password** that will need to be entered to unlock.

Setting an Unlock Pattern, PIN, or Password

Follow these steps to set an unlock sequence for the first time or after you disable a previously set unlock sequence.

1. From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙ > **Lock screen**.

2. Touch **Select screen lock** (under the **Screen unlock** section of the Security settings). You can also select the **Wallpaper** or **Widget & shortcuts** for the lock screen.

> **NOTE**   If you already have a set sequence, you have to touch **Change screen lock**.

3. Touch **None**, **Swipe**, **Face Unlock**, **Pattern**, **PIN** or **Password**.
   None: If you don't want to set lock screen, select None so you don't need to enter anything.

   Swipe: Select Swipe if you want set as swipe to unlock screen.

   Face Unlock: Locks through face recognition. You have to be aware that Face unlock is less secure than a pattern, PIN or password.

   Pattern: Locks the screen using a pattern you draw with your finger. 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: Locks the screen with a number sequence. Enter a PIN (at least 4 digits) and touch **Continue**. Reenter your PIN and touch **OK** to confirm it.

Password: Locks the screen with an alphanumeric sequence. 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 want 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.

Disabling the lock sequence

If you change your mind about using a lock sequence to secure your phone, you can disable it.

1. From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙ > **Lock screen**.

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

3. Draw your current pattern or enter your current PIN or password.

4. Touch **None**.

Changing Your Unlock Pattern

1. From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙ > **Lock screen**.

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

3. Draw your current unlock pattern.

4. Touch **Pattern** to change it (or touch **Slide up** to disable it).

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

Changing your PIN or Password to Lock the Screen

1. From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙ > **Lock screen**.

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

3. Enter your current lock sequence.

4. Touch **PIN** to change your number lock sequence, touch **Password** to change your alphanumeric lock sequence, or touch **Slide up** to disable the lock sequence.

5. You're prompted to enter and reenter your new lock sequence.

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

> **NOTES**
> - ● You have 5 opportunities to enter your unlock pattern, PIN or password. If you used all of opportunities, you can try again after 30 seconds.
> - ● YIf you have set up a Microsoft Exchange account, you are only allowed to set up a password.
> - ● 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 forgot the unlock pattern, you can unlock with **Backup Pin**.

Customizing the Home Screen

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

To add an item to the Home screen

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

2. Touch the **Menu Key** ▪ then touch **Add** ⊕. Or, just touch and hold an empty spot on the Home screen canvas.

   NOTE If space is not available on a particular Home screen canvas, Add ⊕ will not be available; you must delete or remove an item before you can add another item. Or, switch to another Home screen canvas.

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

Slide the screen right or left to view different screen.

Touch and hold the icon and drag at the screen you want to put.

Touch to access different tab.

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

Shortcuts Add shortcuts to applications, a bookmarked web page, a favorite contact, a destination in Maps, a Gmail label, a music playlist, and more. The shortcuts available depend on the applications you have installed.

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 canvas.

3. When the item is where you want it, lift your finger.

> **NOTE** If **Relocate item** is enabled in the **Gesture settings**, simply tilt the device in the direction you want to move the item to one of the canvases.

To remove an item from the Home screen

1. Touch and hold the item (note that the Quick Keys are replaced by an icon of a trash can).

2. Drag the item to the **Remove** icon.

3. When the icon and the item to be removed turn red, lift your finger.

To change the Home screen

Touch the **Menu Key** > **System settings** > **Home screen** to access **Theme**, **Animation**, **Screen effect** or **Wallpaper**.

You can also select whether you want to **Scroll the wallpaper** or **Scroll screens circularly**.

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 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.

Touching the contact's picture opens a Quick Contact bubble displayed directly above the contact's name. This bubble displays icons for all of the ways you can communicate with that contact. The available icons depend on the information you have saved for that contact.

Type in the name you want to search.

Touch to add contact.

The list would be in alphabetical order.
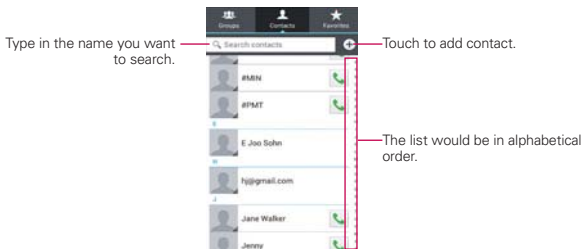
▸ Touch a Quick Contact icon to communicate with the contact. Depending on the icon you've touched, a different application will open.

TIP   Adding a shortcut for a contact to your Home screen allows you to open Quick Contact for that contact without opening the **Contacts** application.

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 icon indicates your Wi-Fi status.

🛜	Connected to a Wi-Fi network (waves indicate connection strength)
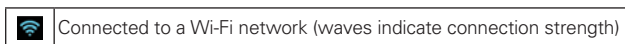
When you connect to a Wi-Fi network, the phone obtains a network address and other information it needs from the network, using the DHCP protocol. To configure the phone with advanced settings, from the Wi-Fi settings screen touch the **Menu Key** ▪ > **Advanced**.

To automatically connect to known Wi-Fi networks when Wi-Fi is off and launching applications

If 'When launching apps, connect to known Wi-Fi networks when Wi-Fi is off' is selected and Wi-Fi is off, your device will connect to known Wi-Fi networks whenever you launch apps and saved networks are detected.

When 'When launching apps, connect to known Wi-Fi networks when Wi-Fi is off'is unchecked, your device will not automatically connect to known Wi-Fi network, instead your device will display a selectable notification dialog.

   ▸ If you select 'OK' button, your device will connect to known Wi-Fi.

   ▸ If you select 'Always auto connect' button, your device will connect to kown Wi-Fi and 'When launching apps, connect to known Wi-Fi networks when Wi-Fi is off' option will be checked.

   ▸ If you select 'Turn-off Wi-Fi use cellular' button, your device will turn

off Wi-Fi and do not automatically turn on Wi-Fi when Wi-Fi is off and launching application until your device be rebooted.

To configure the phone with a static IP address.

1. Turn on Wi-Fi, if its not already on.

2. Touch and hold the name of added network and select 'Modify network'.

3. Select 'Show advanced options'.

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

1. From the Home Screen, touch the **Apps Key** 🔳 > **Settings** ⚙ > **Wireless & networks** > **Wi-Fi settings**.

2. If the Wi-Fi box is not blue and the button is on the left, touch and scroll the button to the right to turn it on and scan for available Wi-Fi networks.

3. Touch a network to connect to it.

   - 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.

New network detection and notification

Checkmark the **Notify me** checkbox in the Wi-Fi settings screen to be notified when new networks are detected.

   ‣ When Wi-Fi is on and the user launches an application that uses Wi-Fi, a dialog box will appear when new networks are detected.

   ‣ If the **Notify me** checkbox is not marked and Wi-Fi is off, the device will not display a dialog box when new networks are detected.

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 network**.

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

4. Enter the required passwords and security credentials.

5. Touch **Save**.

   The phone will connect to the wireless network. Any credentials that you entered are saved, so you're 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 appears.

Wi-Fi Direct connection

You can make a connection directly with Wi-Fi devices without any access point. Your device can create a group connection or individual connection.

1. From the Home Screen, touch the **Apps Key** ⊞ > **Settings** ⚙ > **Wireless & networks**.

2. Touch **Wi-Fi Direct settings** to set up your Wi-Fi Direct connection settings.

   ▸ Checkmark the **Wi-Fi Direct** checkbox to turn it on. A pop-up screen with instructions on how to connect with Wi-Fi Direct and Wi-Fi

devices appears after checking the Wi-Fi Direct checkbox.

▸ Touch **Device name** to open a dialog box to enter a name for your device.

▸ Touch **Password** to set or change your password for Wi-Fi Direct connection.

▸ Touch **Discoverable mode** to make your device discoverable on other Wi-Fi devices.

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.

To connect your device to a computer via USB:

1. Use the USB Cable that came with your phone to connect the phone to a USB port on your computer.

2. Open the Notifications panel and touch **USB connected.**

3. Touch the connection mode you want to use to connect to the PC. Choose from the following options: **Charge only**, **Mass storage**, or **Internet connection**.

USB Autorun

USB Autorun is a feature that allows your phone to connect to a PC using a USB Cable and set it up on that PC without a physical CD-ROM.

▸ Automatically installs the LG USB Modem driver.

▸ Allows the phone to be used as mass storage when a microSD card is present in the phone. 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 your phone.

To select USB mode for Autorun

1. From the Home Screen, 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.

▸ Touch **Internet connection** to use the ethernet function and not the default USB function.

> **NOTES** ● USB Autorun only works with Windows® XP, Windows® Vista, and Windows® 7 operating systems.
>
>   ✻ Log on to the PC as Administrator. Non-Administrator accounts have insufficient privilege to install the USB Modem driver and don't run the Autorun feature.
>
>   ✻ Do not unplug the USB Cable during Autorun.
>
>   ✻ If Autorun doesn't function properly, unplug and plug the USB Cable to set Mass storage mode.

Autorun automatically installs the USB device driver for every USB mode.

Internet connection mode

Autorun may automatically use Internet connection mode in certain circumstances.

▸ Autorun automatically switches to Internet connection mode if the connection fails while syncing or connecting.

You can share your phone's internet connection with your PC using a USB Cable. After connecting with a USB Cable, set the USB connection mode to Internet connection. Then select either **Ethernet** or **Modem**.

▸ **Ethernet** This mode changes the phone to USB tethering mode from the PC. From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙ > **Wireless & networks** > **Tethering** > **Mobile Broadband Connection**.

> **NOTE** This mode can only be used by a user registered to a tethering plan.

▸ **Modem** This mode changes the phone to Modem mode from the PC.

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 when the USB Cable is connected.

Autorun is not available when:

▸ Phone is booting (powering up).

▸ PC operating system is not set to Autorun (automatic execute command).

To change the Connection mode settings while Autorun is running:

You can change the settings while Autorun is running. From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙ > **Connectivity** > **Default connection mode** > **Mass storage**.

NOTE Be sure to checkmark the box **Always ask** if you want to be asked to confirm the USB connection mode when the phone is connected to a computer.

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.

Step 1. Connecting the phone to a PC

▸ Connect your phone to your PC with a compatible USB Cable (supplied). LG Autorun starts automatically.

▸ Click 'I accept the terms in the agreement' then 'Yes'.

**NOTES** ● Autorun is only supported for Windows® XP, Windows® Vista, and Windows®7.

★ The USB Autorun feature works only under an Administrator account. The installer has insufficient privileges under a Non-Administrator account. Log on as Administrator. The device is switched back to the user set mode within 30 seconds.
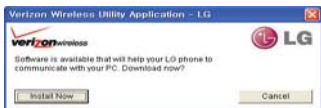
Step 2. Downloading the LG USB Modem Driver.
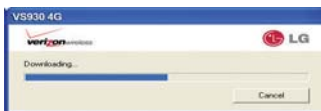
NOTES ● If a previous version of the LG USB Modem driver is installed in the computer, it will automatically be updated to the recent version.

★ If a recent version of the LG USB Modem driver is installed in the computer, LG Autorun skips 'Step 2.'

Step 3. Installing the LG USB Modem Driver.
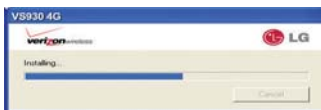
Step 4. Installing the Utility Application.

Make Your Device a Mobile Hotspot

The **Mobile Hotspot** application can share the phone's 4G data connection with any Wi-Fi capable devices.

> **WARNING!**
> There are security risks associated with creating a Wi-Fi network open to the public. It is highly recommended that you take steps to protect your Wi-Fi network from unauthorized access. To add encryption to your Wi-Fi Hotspot:

1. From the Home Screen, touch the **Apps Key** ▦ > **Mobile Hotspot** 🖼.

2. Touch the **Mobile Hotspot** checkbox to enable this feature.

3. Read the disclaimers and Help information, then touch **OK**.

4. Your portable Wi-Fi Hotspot is now created.
   You can use this menu to enable and disable the connection. Once the connection is active, go to the device you want to connect and configure its wireless connection to the Network SSID for your Android device and input the password (if you are using WPA2 PSK). You will now have wireless access on your device.

   NOTE   WEP is highly vulnerable to hacking. WPA2 is recommended by the IEEE.

The following Status Bar icon indicates your Wi-Fi Hotspot status.

🖼	**PORTABLE** Wi-Fi Hotspot is active

microSD Card

NOTE The microSD card is sold separately.

Unmounting and removing the microSD Card

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

1. From the Home Screen, touch the **Apps Key** 🎛 > **Settings** ⚙ > **Storage** > **Unmount SD card** > **OK**. Now you can safely remove the microSD card.

2. Turn off the phone and remove the back cover.

3. Carefully push the edge of the microSD card in to release it from the slot, then gently pull it 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. From the Home Screen, touch the **Apps Key** 🎛 > **Settings** ⚙ > **Storage**.

2. Review the available information.

    ▶ The storage page is divided into six sections: Backup Assistant Plus Storage, SD card, Internal memory, Internal storage, Backup and restore, and Personal data.

Formatting the microSD Card

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

1. From the Home Screen, touch the **Apps Key** 🎛 > **Settings** ⚙ > **Storage**.

2. Touch **Unmount SD card** to release the microSD card from device use. 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 of the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check (and backup, if necessary) the contents before you format the card.

Using Mass storage mode

When you connect the phone and PC using a USB Cable and set your device's USB connection mode to Mass storage, you will see two removable disks on the PC. You can copy files to/from the removable microSD card.
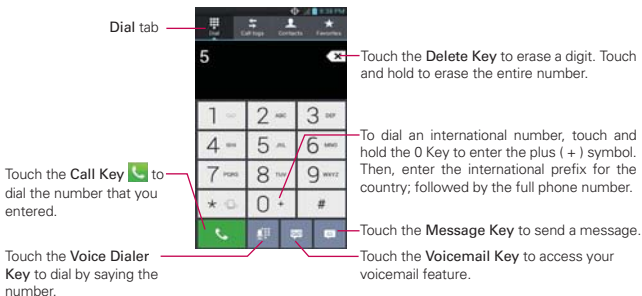
Placing and Ending Calls

You place calls using the **Phone** application. Calls can be manually dialed using the **Dial** 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.

Dial tab

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

Touch the **Voice Dialer Key** to dial by saying the number.

Touch the **Delete Key** to erase a digit. Touch and hold to erase the entire number.

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.

Touch the **Message Key** to send a message.

Touch the **Voicemail Key** to access your voicemail feature.

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 and touch **End call** to end the call. You can touch the **Home Key** , then the **Phone Key** (in the Quick Keys bar) or touch the Contact's name or number at the top left corner of the Home screen. You can also drag the Notifications panel down and touch the **Current call** icon .

Instant List

Instant list is displayed on the Dial tab to help you to use the information stored in your Contacts list and Call log without needing to open and search those application first. Once you enter three or more numbers you want to dial, Instant list displays entries from your Contacts list or Call log that match the sequence that you entered.

Sequence matches

The device searches for the entered sequence anywhere in the number, beginning, end, or anywhere in-between. The matching number sequence is displayed within the number in orange text. The name and type of number (i.e., Mobile, Work, etc.) associated with the number you enter is displayed above the dial pad. When there are multiple matches, touch the Instant list dropdown icon to view more matching entries.

Selecting an Instant list entry

Touch an entry in the Instant list to insert it on the dialpad and touch the **Call Key** to dial it.

Instant list Icon
Touch to view more of the Instant list.

Instant List
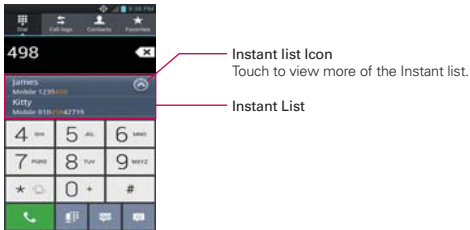
Frequent List

The Frequent list is displayed on the **Dial** tab above the dialpad. It displays your outgoing call phone numbers. Unlike the Sent calls list in the Call log, entries are only listed once, no matter how many times they have been called. If a name is associated with the number, the name is displayed instead of the phone number.

> **NOTE** Only the 12 frequently called numbers are displayed.

Selecting a Frequent list entry

Swipe left and right to scroll though the list. Touch an entry in the Frequent list to insert it on the dialpad and touch the **Call Key** to dial it.

Frequent List
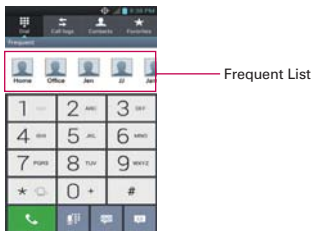
Airplane mode

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 and the Notifications panel has an Airplane mode icon which toggles it on or off.

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

▸ If the screen is unlocked, simply touch the **Answer Key** 📞.

▸ If the screen is locked, slide the screen up to answer (enter the pattern, PIN, or password if necessary).

▸ If you were already on a call, touch the **Answer Key** 📞 to place the first call on hold while you answer the new call.
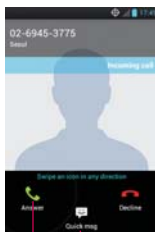
NOTE To silence the incoming call ringer, press the **Volume Keys**.

Unlocked Screen   Locked Screen

Touch the **Answer Key** to answer the call.
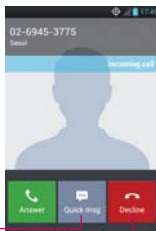

Swipe the **Answer** icon in any direction to answer the call.

Swipe the **Message** icon in any direction to send the message.

To decline a call and divert it to voicemail

‣ If the screen is unlocked, touch the **Ignore Key** 📞.

‣ If the screen is locked, drag the **Ignore icon** 📞 to the left.

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

Unlocked Screen   Locked Screen

Touch the **Send Msg Key** to send a quick message to the caller and forward them to your voicemail.

Swipe the **Decline** icon in any direction to decline the call.

Touch the **Decline Key** to decline the call and send the caller directly to your voicemail box to leave a message.

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

To decline a call and send a text message

1. When you receive an incoming call and the screen is unlocked, touch the **Send msg Key** 💬. If the screen is locked, swipe the **Send msg icon** 💬 in any direction.

2. Touch the text message you want to send in place of answering the call.

   NOTE This feature can only be used to send a message to another mobile phone. It is not applicable to incoming landline calls.

Working with the Call Log

The Call log is a list of all of 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 list.
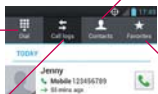
To open the Call log

▸ Touch the **Phone Key** 📞 (in the Quick Keys bar) and then the **Call log** tab 🔄 at the top of the screen.

All calls (sent, received, and missed) 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.

This tab allows you to dial a phone number manually. You can also call voicemail using this keypad.

This tab displays the history of all your calls.

This tab displays your Contacts list. Touch the **Menu Key** 🔲 for more options.

You can set favorites contact with frequently used contact. Touch the **Menu Key** 🔲 for more options.

To dial a number in the Call log

▸ From the Call log, touch the **Call Key** 📞 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 Edit number before call to contacts in the Context menu. When the screen turns to dial screen, you can edit the number before adding in the contacts.

3. Touch the **Menu key** 🔲 from the dial screen then touch Add to contacts and choose an existing contact to add the new number to.

Touch here to copy the number.

Touch here to delete call logs.
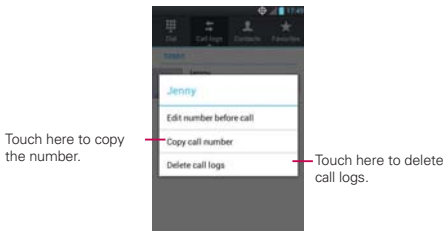
Calling Your Contacts

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

You can also quickly call a contact using Quick Contact.

If you have contacts on the web, you can choose whether to synchronize with your phone when you first set up your Google™ Account.

To call a contact

1. Touch the **Contacts Key** 🔳 in the Quick Keys bar.

2. Touch the contact you want to call.

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

To call a favorite contact

1. Touch the **Contacts Key** 🔳 in the Quick Keys bar, then touch the **Groups** tab 🔳 at the top of the screen.

2. Touch **Favorites** and then 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 Applications screen.

   If you have a Bluetooth device 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 Key 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 Key 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 **Mute** 🔘.

   The light bar on the **Mute** button illuminates blue 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.

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

   The microphone is unmuted automatically when the call ends.

To turn the speakerphone on or off

▸ Touch **Speaker** .

The light bar on the **Speaker** button illuminates blue 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 on the back of the device.

While viewing the in-call screen, you can turn the speakerphone off by touching **Speaker** 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 device and the phone

When a Bluetooth device is paired and connected to your phone, you can conduct calls on it for hands-free conversations. During a call, you can easily switch between using the Bluetooth device and your phone.

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

▸ Touch **Bluetooth** 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 conference calls and how many participants you can include.

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 **Contact** and select the contact you wish to add. You can also touch the **Menu Key** ▪ then **add call**.

3. After you're connected, touch **Merge calls** 👤. The participant is added to the conference call.

Touch here to add the number of participant.

Touch here to set the **Bluetooth**.

Touch here to set as **Mute**.

Touch here to set as speaker phone.

Touch here to add the participant.
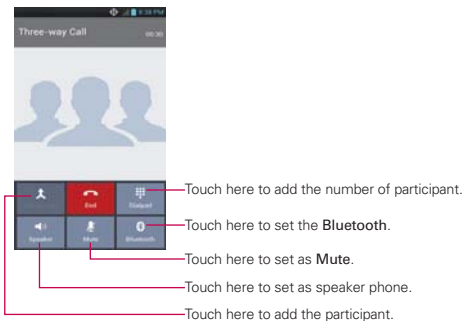
Listening to Your Voicemail

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

▸ Touch the **Voicemail** icon on the Home screen.

   OR

▸ Touch the **Phone Key** in the Quick Keys bar, then touch the **Voicemail Key** . 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** in the Quick Keys bar on the Home screen. (The **Phone** application can also be accessed from the Applications screen.)

2. Touch the **Voicemail Key** to dial your voice mailbox.

3. If you hear a system greeting, touch the **Pound Key** # 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** in the Quick Keys bar on the Home screen.

2. Touch the **Voicemail Key** to dial your voice mailbox. If you hear a system greeting or your own greeting, touch the **Pound Key** # 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 Verizon 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

1. Touch the **Apps Key** ▦ > **Browser** 🌐 or touch the **Browser icon** 🌐 directly from Home screen. To access a specific web page, enter the web address (URL) of the web page, and touch GO button in the keypad.

2. Navigate web pages using the following:

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

Drag the top of toolbar to hide. You can also touch **menu** > **settings** > **General** and uncheck the **Toolbar**.

Toolbar

3. While browsing the web page, use the following options using the toolbar:

   ▸ To go to the previous page, touch the back button ◀ in the toolbar or touch the **Back Key** ◁.

   ▸ To go to a next page in history, touch the Forward button ▶.

   ▸ 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 or touch and hold touchable zoom button 🔲 and tilt down & up the phone for zoom in & out.

▸ To open a new window, touch the new tab button ⊕ in the toolbar

▸ To view the list of bookmarks, touch Bookmarks 🔖 in the toolbar. You can also edit,or delete a bookmark from this menu.

▸ To reload the current web page, touch the **Menu Key** 🔳 > **refersh**.

▸ To stop loading a web page, touch the Stop Icon ⊗. The Stop Icon appears while a web page is loading.

▸ To bookmark the current web page, touch the **Menu Key** 🔳 > **Save to bookmarks**.

▸ To open the home page, touch the **Menu Key** 🔳 > **Go to Homepage**.

▸ To send the web address (URL) of the web page to others, touch the **Menu Key** 🔳 > **Share page**.

▸ To search for text on the web page, touch the **Menu Key** 🔳 > **Find on page**.

▸ To change the current mobile page to desktop page, touch the **Menu Key** 🔳 and check the Request desktop site button.

▸ Touch access the current web page later, you can save in the device storage by touching **Menu Key** 🔳 then **Save for offline reading** to access when offline. You can check the saved web paged from **bookmarks in the toolbar** > **Saved pages**.

▸ To adjust the brightness from the browser, touch **Menu Key** 🔳 > Brightness.

▸ To customize the Browser settings, touch the **Menu Key** 🔳 > Settings.

▸ To close the browser module, touch the **Menu Key** 🔳 > Exit. Once you exit the browser though **Exit**, you would be connected to home page for next visit.

▸ To view the currently active windows, touch the windows button 🔲 . You can scroll up & down the open windows. To close the window, touch ⊗ or push the window to right or left. Then the window would disappear.

▶ To open new incognito tab, touch the Widnows button > **Menu Key** ▮▮ > New incognito tab.

Touch and hold the text from web page. The selected text would be highlighted and pop up would appear for **Select all**, **Copy** or **Share Find Web Search**. If you want to adjust the range of the teat, drag the cursor from each edge of the text.

▶ To view the web page details, touch favicon from the left of URL bar.

NOTE   When you are in a secure page, touch the View certificate button on the Page info. screen to see the certificate for the current page.

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 **Menu Key** ▮▮ > Save to bookmarks

2. You can edit the label and Address (URL). You can also select or create the new folder.

3. Touch OK.

From the bookmarks 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 as a shortcut to one of the Home screen canvases, touch **Add shortcut to Home**.

▸ To delete the group of bookmark list at once, touch **Menu Key** and **delete**.

▸ To delete the selected bookmark list, touch **Menu Key** and **Select all**.

▸ To move the group of bookmark list at once, touch **Menu Key** and **move**.

▸ To move the selected bookmark list, touch **Menu Key** and **Select all**.

▸ To view the recently visited web pages, touch History tab which would show chronically. You can also access the most visited web pages.

▸ To view the saved pages, touch saved pages tab.

▸ 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 how you view and use pages as well as allowing you to manage your privacy.

▸ To open the Browser settings screen, touch the **Menu Key** from the Browser and touch **Settings** .

General

Set homepage Current page, Blank page, Defailt page, Most visited sites, Other.

Tool bar Checkmark to display toolbar on the bottom of the screen.

AUTO-FILL

Form auto-fill Fill out web forms with a single touch.

Auto-fill text Set up text to auto-fill in web forms.

Privacy & Security

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

Clear history Allows you to clear the navigation history.

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

COOKIES

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

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

FROM DATA

Remember form data Checkmark to allow the Browser to remember data I type in forms for later use.

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

LOCATION

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

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

PASSWORDS

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

Clear passwords Allows you to clear all saved passwords.

Accessibility

Force enable zoom Override a website's request to control zoom behavior.

TEXT SIZE

Preview You can preview the text size.

Text scaling Adjust the text scaling by scrolling the button.

Zoom on double-tap Adjust the zoom scale by scrolling the button.

Minimum font size Adjust the minimum font size by scrolling the button.

INVERTED SCREEN RENDERING

Preview Preview the inverted screen rendering.

Inverted rendering Checkmark for inverted rendering. Black becomes white and vice versa.

Advanced

Set search engine Touch to select the search engine.

Open in background Checkmark to open new tabs behind the current tab.

Enable javascript Checkmark to enable javascript.

Enable plug-ins

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

Storage

PAGE CONTENT

Default zoom Select the default zoom.

Open pages in overview Checkmark to show overview of newly-opened pages.

Auto-fit pages Checkmark to format webpages to fit the screen.

Block pop-ups Checkmark for block pop-up.

Text encoding Touch to see text encoding.

RESET DEFAULTS

Reset to defaults Restore defaults settings.

Bandwidth management

Search result preloading Allow browser to preload high confidence

search results in the background.

Load images Display images on Web pages.

Labs

Quick controls Checkmark to slide thumb from the left or right edge to open quick controls and hide app and URL bars.

Fullscreen Checkmark to use fullscreen mode to hide the status bar.

Maps

Touch here to access **Map**, **Places**, **Navigation**, **Join Latitude**, **Location history** and **My Places**.

Touch here to access **Directions**.

Touch here to access **Keyboard** for search.

Touch here to access **Places**.

Touch here to access **Layers**.

To search for a location

NOTE A pop-up appears upon initial use. Read the information and touch **OK** to continue.

1. From the Home Screen, touch the **Apps Key** ▦ > **Maps** 🗺.

2. Touch the search icon 🔍 at the bottom 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** on the keyboard.

   Red 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. From the Home Screen, touch the **Apps Key** 🔳 > **Maps** 🗺.

2. Touch the 🔷.

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 Contacts History tab.

   NOTE When you search for a location in the **Maps** application, the Directions function automatically enters your location as the starting point and the last red marker you touched as the destination.

4. Touch the **Car** icon 🚗 for driving directions, the **Transit** icon 🚌 for transit directions, the **Cycling** icon 🚴 for cycling directions, or the **Walking** icon 🚶 for walking directions.

5. Touch **Get directions**.

6. Your route is displayed on a map.

   ▸ Touch an orange marker on the map to see direction change indicators.

   ▸ Touch the arrow icon → to display each direction instruction sequentially in a bubble at each juncture. You can touch the arrow icon ← to step backward through the direction instructions.

   ▸ To view the directions in text format, tap the destination box at the top of the screen. You can also touch the **List view** 📄 at the bottom left corner of the screen.

   ▸ Touch the **Layers** icon 🍃 to open a dialog box to display different map layers.

   ▸ Touch the **Back Key** ⬅ to return to map view.

   NOTE To reverse directions, touch the **Menu Key** ▮ > **Reverse Start & End** ⬍.

Switching between common features

The **Maps** application has a toolbar at the top of the screen for easy access to many common features used when searching for the places you want to go.

   ▸ Touch the **Maps menu** icon 🗺 in the top left corner of the screen to

access Map, Places, Navigation, Latitude, Location history and My Places.

▸ Touch the **Layers** icon 🌐 near the top right of the screen to access Traffic, Satellite, Terrain, Transit Lines, Latitude, My Maps, Bicycling, Wikipedia, Search, and your search history.

▸ Touch the **My Location** icon ◉ in the top right corner of the screen to display your current location on the map.

Checking the Weather

The **Weather** application provides weather forecasts. You can place a Weather widget on your Home screen for a summary of your local weather. Access the **Weather** application for more detailed weather information.

To get details about the weather

Touch the Weather widget on the Home screen to open the **Weather** application to view summarized and detailed weather information.

Weather Widget ———

Weather Application

▸ Swipe right or left to scroll through the weather information for each of the cities in your list.

▸ Touch the **Refresh** Icon 🔄 in the lower left corner of the Weather application screen to update the current weather of the city displayed on the weather application screen.

To update or add city

The City list screen allows you to manage a list of cities that you want to monitor. Touch the **City list** icon in the lower left-hand corner of the **Weather** application screen.

▸ Touch **Current location** at the top of the screen to update your current location.

Type in the city, state or ZIP code to search the name. — Touch to access **Settings**.

Touch to search.

Changing Weather Settings

You can configure a number of settings for the **Weather** application.

The location and related settings also affect the display of the Weather widget application.

▸ To open the Weather settings screen, touch the **Menu Key** > **Settings**.

Backup Assistant Plus

How to Access and Register Contacts backup settings from Backup Assistant Plus

If you didn't set up Backup Assistant Plus when you turned on your phone for the first time, you can enable it in the **Settings** application.

1. Touch **Backup Assistant Plus** directly from the Applications screen.

2. Read the information provided on the screen and touch **Start**.

3. Enter your PIN code and confirm it, then touch **Submit** .

4. The Registration complete screen appears and your first back-up process begins. Touch Next > Done .

Backup Assistant Plus can be accessed directly from the Contacts application

1. Open the Contacts application.

2. Touch the Menu Key ![] > Backup now.

   If you've already registered your Backup Assistant Plus account, a background backup will be performed. If not, the Backup Assistant Plus registration screen will be displayed for you to complete registration then back up your files.

How to Access and Register Media backup settings from Backup Assistant Plus

1. Open the Backup Assistant Plus application.

2. Touch Media backup settings.

3. Select the storage amount and touch Subscribe.

4. Touch OK when the pop-up appears.

5. You can insert your email account by touching Email account.

   TIP. Touch Video tutorial if you need instructions.

Backup Assistant Plus can be accessed directly from the various multimedia applications

  ▸ From Music ![], use the Backup Assistant Plus to upload the files from your device, to download the file from the server and for the file streaming from the server.

  ▸ From the Gallery ![], use Backup Assistant Plus to upload the files from your device, to download the file from the server and to open the file from the server.

  ▸ From the Camera ![], you can upload the captured image to Backup Assistant Plus.

  ▸ From the Video Player ![], touch the Menu Key ![] > More > Upload to Backup Assistant+.

Using Backup Assistant Plus

On the schedule you selected, the **Backup Assistant Plus** application checks the phone's address book to see if any changes have occurred since the last Backup. If changes are detected, the application will launch and the Backup process will start. If no changes are detected, Backup Assistant Plus sleeps until the next daily automatic backup is triggered.

Manually backing up your contacts
1. From the Home Screen, touch the **Apps Key** ▦.
2. Touch **Backup Assistant Plus** ⬤.
3. Touch **Contacts backup settings** for Contacts backup settings.
4. Touch **Start** to begin the backup process.
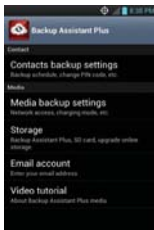
Changing the backup schedule
1. From the Home Screen, touch the **Apps Key** ▦.
2. Touch **Backup Assistant Plus** ⬤.
3. Touch **Contacts backup settings** and edit the contact backup time. Then touch **Media backup settings** to edit media backup time.
4. Touch **Backup time,** then touch the timeframe you want. For example, **Every late night (12am-6am)**.

Change your PIN code
1. From the Home Screen, touch the **Apps Key** ▦.

2. Touch **Backup Assistant Plus** .

3. Touch **Contacts backup settings**.

4. Touch **Change PIN code** on the Backup Assistant Plus settings screen.

5. Enter your current PIN and touch **Next**.

6. Enter your new PIN. Then reenter it for confirmation and touch **Next**.
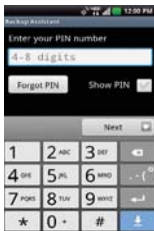
Media Backup Settings

The Media Backup Settings allows you to subscribe to a service for media file management. With this service, you can manage, store, protect, share, and play your media from virtually anywhere. The fee is based on your storage level requirements.

1. From the Home Screen, touch the **Apps Key** .

2. Touch **Backup Assistant Plus** .

3. Touch **Media backup settings**.

4. Read the service agreement, then touch **Subscribe**.

Email account

Displays the email address that was used to register Backup Assistant Plus.

Video tutorial

The video tutorial teaches you how to use Backup Assistant Plus. To view a video about Backup Assistant Plus media, follow the instructions below:

1. Access **Backup Assistant Plus**.

2. Touch **Video tutorial**. You will be directed to the Watch and learn video tutorials screen.

3. Touch **Backup Assistant Plus**.

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

▸ From the Home Screen, touch the **Apps Key** ▦ > **Contacts** 🔲 .

OR

▸ Touch the **Contacts Key** 🔲 in the Quick Keys bar.

All of your contacts are displayed alphabetically in a list. If you have a new phone and 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 **Groups** tab 🔲 at the top of the screen, then touch **Favorites**.

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.

Contacts synced from a social networking application will display their photo albums in the Photo tab.

3. The Contact Info tab displays by default. 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.

   Touch the **Menu Key** ▪ for the following menu options: **Edit contact, Share, Delete contact, Add to homescreen, Options (Ringtone** and **Incoming calls)**, and **More** (**Export** and **Set speed dial**).

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. Touch the **Menu Key** ▪ > **New contact** ⊕ .

   NOTE   You can also touch the New contact icon ⊕ to the left of the Search box to start a new contact entry.

3. If you have more than one account with contacts, touch **Contact type** at the top of the screen and 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 icon ⊕ to add more than one entry for that category. For example, in the phone number category, enter a work number and add a home number. Touch the label button to the left of the entered information to open a dialog box of preset labels. For example, **Work** or **Home** for a phone number.
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 **Save**.

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. Exporting your contacts to a microSD card allows you to back them up to a computer or other device. It also allows you to send the 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 microSD card (that contains the vCard files) into your phone.
2. Open the **Contacts** application.
3. Touch the **Menu Key** ▪ > **More** ◉ > **Import/Export**.

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

5. When the dialog box appears, select the storage type.

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

7. Touch the contacts you want to import from the microSD card. Then touch **Import** and **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 and select the contact you want.

2. Touch the **Menu Key** ▪ > **Import/Export**.

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

4. When the dialog box appears, select the storage type.

5. Touch the contacts you want to export to the microSD card. To export all of the contacts, touch the **Select all** checkbox in the top left corner of the screen.

6. Then touch **Export** and **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. Touch the **Menu Key** ▪ > **Share**.

4. Choose the method for sending.

5. Enter the necessary information and share it.

Adding a Contact to Your Favorites

The **Groups** tab 👥 contains a short list of the contacts you communicate with most often, including your list of **Favorites**.

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 blue-colored.

To remove a contact from your Favorites list

1. Open the **Contacts** application.

2. Touch the contact to view its details.

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

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

Communicating with Your Contacts

From the **Contacts** or **Groups** tab, you can quickly call or send a text (SMS) or multimedia (MMS) message to a contact's default phone number. You can also open a list of all of 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 using Quick Contact for Android™

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

Touch a contact's picture.

Quick Contact
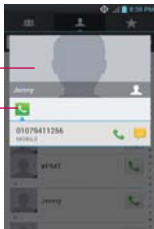
2. Touch the icon corresponding to the type of communication you want to start.

   The communication icons displayed in Quick Contact 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** 📞 places a call to the number.

   ▸ The **Message icon** 💬 starts a message.

   ▸ The **Mail icon** 📧 starts an email.

   ▸ The **Chat icon** 💬 starts a chat.

   NOTE Anytime you see the **Dial 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 Context 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 want 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. Touch the **Menu Key** ▢ > **Display options**.
3. Touch **Only contacts with phones** to select or deselect this option. When selected, a checkmark will appear.
4. Touch **Apply** to save your settings.

> **NOTES** • You can sort the Contact list by First name or Last name.
>
> • You can also view contact names with the first name first or the last name first.

To change which groups are displayed

1. Open the **Contacts** application.
2. Touch the **Menu Key** ▢ > **Display options**.
3. Touch an account to display 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 **Apply** 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 it with another contact.
3. Touch the **Menu Key** ▢ > **Edit contact** ▨.

4. Touch the **Menu Key** ▣ > **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 **Save** 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. Touch the **Menu Key** ▣ > **Edit contact** ▣.

4. Touch the **Menu Key** ▣ > **Separate** ▣.

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

Email

NOTE   AOL, Yahoo! and Hotmail icons only appear when the SIM card is inserted.

Email icons

▣	New Exchange mail message received or sending succeeded	▣	Exchange mail message sending or receiving failed
▣	AOL mail message received or sending succeeded	▣	AOL mail message sending or receiving failed

◐!	Yahoo! mail message received or sending succeeded	◐	Yahoo! mail message sending or receiving failed
✉	Gmail message received or sending succeeded	✉	Gmail message sending or receiving failed
✉	Hotmail received or sending succeeded	✉	Hotmail message sending or receiving failed
✉	Verizon.net mail received or sending succeeded	✉	Verizon.net mail message sending or receiving failed
@	Other mail received or sending succeeded	@	Other mail message sending or receiving failed

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, Verizon and other accounts.

To open the Email application

 ▸ From the Home Screen, touch the **Apps Key** ▦ > **Email** 📧 or touch the **Email** icon 📧 directly from Home screen.

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

The Accounts screen

The Accounts screen lists all of your accounts.

 ▸ Open the **Email** application. If you're not on the Accounts screen, touch the **Menu Key** ▣ > **Accounts**.

Each account on the Accounts screen displays the number of unread mail.

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 mail

You can read mail from the Inbox, or from other folders within each individual account.

To read a mail

From the Accounts screen, simply touch any account to display that account's folders and contents.

You can also go to the folder list of the account by touching the **Menu Key** **[i]** > **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.

Email settings

To access the Email account settings, touch the **Menu Key** **[i]** > **More** > **Settings** from the Inbox.

Accounts
  ▸ Touch an account to access settings specific to that email account.

General settings
  ▸ Touch **Set default account** to open a dialog box to select which email account to designate as your default account.

  ▸ Touch **Roaming** to checkmark this setting to automatically retrieve email while roaming outside your home network. Data fee will be charged.

  ▸ Touch **Quiet Time** to choose the time not to retrieve email from your available accounts.

Notification
  ▸ Touch **New email notification** to set whether you want to be notified of new email notifications.

  ▸ Touch **Notification sound** to open a dialog box to set the sound when you receive a new email notification.

▸ Touch **Vibrate** to open a dialog box to set a vibration when you receive a new email notification.

Misc.

▸ Touch **Ask before deleting** to checkmark this setting if you want to be asked before deleting mail.

▸ Touch **Show image** to open a dialog box to set when to show images.

▸ Touch **Conversational view** to checkmark this setting if you want your email Inbox to display your email messages by conversation threads.

▸ Touch **Mail preview** to open a dialog box to set how many lines of email text to download for previewing on your device.

▸ Touch **Exchange server policy** to view this information if you use an Exchange server email account.

▸ Touch **Save attachment to** to open a dialog box to select where attachments are saved.

Voicemail

The **Voicemail** application allows the management of voicemail directly from the device rather than accessing voicemail via traditional methods.

Voicemail displays a list of your messages and allows you to choose which message(s) to listen to or delete, without having to dial into your mailbox and listen to voice instructions or prior messages.

To be able to use Voicemail

1. From the Home Screen, touch the **Apps Key** ▦ > **Voicemail** 💬.

   NOTE Listening to voicemail and setting up the voicemail service depends if you are subscribed to the visual mail service.
   If the you are not subscribed to the visual mail service and you press the Voicemail Key, then you will be dialed into your traditional voicemail box. But if you are subscribed to Visual voicemail, then on touching the Voicemail Key, the Visual Voicemail application will be launched.

2. The first time you access it, you will have to subscribe to Voicemail to use it.

3. After subscription, you are required to enter the password. You are only allowed to change the password by calling voicemail (dial *86).

4. After entering the password, you are allowed to see voicemail entries in your Inbox.

While viewing the voicemail list, you can select an entry (see step 5). For additional options, touch the **Menu Key** ■ > New, **Delete, Save as, Set as Heard, Sort by**, or **More** (**Saved messages**, **Refresh**, **Settings**, **Search, Logout**).

5. Touch a voicemail entry to listen to it. Then you can touch **Call back**, **Save**, or **Delete**. To forward or reply to a message, touch the **Menu Key** ■ > **Forward** ➡ or **Reply** ◀ .

6. If you decide to reply with a voicemail or forward it, record a message. The keys at the bottom of the screen allow you to record, stop, re-record, or cancel the message.

   NOTE To send a voice message to a number in your Contacts list, use the **To**: field to search for it.

Gmail

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

From the Home Screen, 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, touch the **Back Key** until you return to your 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, touch the **Menu Key** > **Settings** > ADD ACCOUNT.

Touch here to add account.

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.

The 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 keys 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 keys / at the bottom of the screen to read the next, oldest, unread message in a conversation in your Inbox (or the conversation list you're working in).

Touch the message actions icon on the message header to access message actions options which include to mark it as important, to reply to the sender, to reply to all addressees, and to forward the message to someone else.

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. From the Home Screen, touch the **Apps Key** > **Gmail** . Then touch the conversation you want to view.

2. Touch the contact name to open that message.

While reading a message you can touch the **Menu Key** > **Mark**

important 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. From the Home Screen, touch the Apps Key ▦ > Gmail ✉ > Compose
   ✉.

2. 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.

3. Touch the Menu Key ▦ > Add Cc/Bcc to copy (normal or blind status)
   recipients, if necessary.

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

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

6. Touch the Menu Key ▦ > Attach to add an attachment to the email.

7. Touch Send ➤ at the top of the screen to send your message.

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 the message actions icon ➡ on the message header to access
   action options for 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** ➤ at the top of the screen to send your message.

Messaging

To open Messaging

▸ Touch the **Home Key** , then touch the **Messaging Key** in the Quick Keys bar.

The Messaging screen will open, where you can create a new message or open an ongoing message thread.
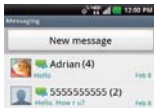
▸ Touch **New message** to start a new text or multimedia message.

▸ Touch an existing message thread to open it.

TIP   QUICK REPLY

WHEN a New Message notification pops up, choose to reply quickly without accessing the Messaging application by touching the **Text** field in the notification to respond with a text message, or touch **Call** to dial the contact or **Delete** to delete the message.

To delete a message thread from the Messaging window

1. Touch and hold the message thread.

2. Touch **Delete thread** in the Context menu that opens.

3. Touch **OK** to confirm you want to delete the message thread.

Exchanging Messages

You can send text messages (SMS) of up to 160 characters to another mobile phone. If you type more than the allotted text amount (up to 7 pages of 153 characters), the message is delivered as a series of messages (EMS). If you keep typing after the limit, your message is delivered as Multimedia messages (MMS).

Multimedia messages (MMS) can contain text and a picture, location, a recorded voice, an audio file, a video, or a picture slideshow.

The **Messaging** application automatically converts a message into a multimedia message if you add a subject or attach a media file.

To send a text message

1. On the Messaging screen, touch **New message**.
2. Enter a mobile phone number in the **To** field.

   As you enter the mobile phone number, matching contacts appear. You can touch a suggested recipient or continue entering the phone number.

3. Touch the text field to start entering your message.
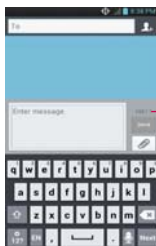
Character counter
Displays number of characters entered and amount remaining.

A counter is displayed in the top right corner of the text field to tell you how many characters are left and the number of pages.

Touch here to attach files.

If you touch the **Back Key** while composing a message, it's saved as a draft in your **Messaging** application. Touch the message to resume composing it.

4. Touch **Send** to send the message.
   Your message is displayed and responses appear in the same window, creating a message thread with that contact.

To create and send a multimedia message

1. On the Messaging screen, touch **New message**.

2. Enter a mobile phone number or email address in the **To** field. As you type, matching contacts appear. You can touch a suggested contact or continue typing.

3. Touch the text field to start entering your message.

4. Touch the **Menu Key** ■ > **Add subject** to add a message subject.

5. Touch the **Attachment** icon to open a dialog box where you can choose the type of media file to attach to the message.

   ▸ If you touch **Picture**, you're prompted to select a picture from your Gallery.

   ▸ If you touch **Capture picture**, the **Camera** application opens so you can take a picture and attach it.

   ▸ If you touch **Video**, you're prompted to select a video from your Gallery.

▸ If you touch **Capture video**, the **Camcorder** application opens so you can record a video and attach it.

▸ If you touch **Audio**, you're prompted to select an audio file from your microSD card.

▸ If you touch **Record voice**, the voice recording function opens and allows you to record an audio message and attach it.

▸ If you touch **Location**, you can attach **My current location**, **Places of Interests**, **Enter Address**, **Contacts** and **From geotagged media**.

▸ If you touch **Slideshow**, a dialog box opens and allows you to assemble photos, audios, videos, texts into a slideshow (up to 10 slides) to attach to the message. Use the buttons in the slideshow screen to preview the message, replace or add a picture, or remove a slide. Touch **Done** when you finish editing the slideshow.

▸ If you touch **Contact (vCard)**, you're prompted to select the contact(s) you want to send as vCard file(s).

▸ If you select a particular address or location from the **Maps** application and touch **Attach**, you can send the location by MMS.

6. Touch **Send MMS** to send the message.

To attach a location in a message

1. Create a new message and add a recipient.

2. Touch the **Attachment** icon 🖉 and touch **Location**.

3. Select a location and touch **Attach**.

4. Type in the message and touch **Send**.

To send a group message.

1. On the Messaging screen, touch **New message**.

2. Add the recipient(s).

3. If more than one recipient is entered, you will be asked to choose between a group conversation and an individual message.

‣ Touch **Group Conversation** to allow all of the recipients to be viewed by each other so they can respond to you and the group. The message is sent as as a multimedia message (MMS).

‣ Touch **Individual Message**, so that none of the recipients can see the other recipients (similiar to BCC). Each individual can only respond to you.

To respond to messages you receive

If you receive a new message while you're working in a message window, the new message is displayed. If not, you'll receive a new message notification and the new message icon 🗨 appears in the Status Bar. When you touch the new message notification, the Message screen opens where you can reply to the message. The new message notification also appears on the screen, where you can quickly reply to the message, call the person, or delete the message.

If Auto-retrieve is uncheckmarked, you must touch **Download** to view the message.

If the message contains a media file, touch **Play** ▶ to view, watch, or listen to it. Touch and hold the media file to open a Context menu with additional options.

To view details about a message

1. Touch and hold a message in the message window.

2. Touch **View message details** in the Context menu that opens.

Changing Messaging Settings

You can change a number of Messaging settings.

‣ To change your Messaging settings, open the **Messaging** application, touch the **Menu Key** 📧 > **Settings** ⚙ .

Storage settings

Delete old messages Checkmark this setting to allow the phone to delete older messages in a thread when the **Text message limit** or **Multimedia**.

message limit is reached. Remove the checkmark to keep all of your messages.

Text message limit Touch to set the number of text messages to save per thread.

Multimedia message limit Touch to set the number of multimedia messages to save per thread.

Text message (SMS) settings

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

Multimedia message (MMS) settings

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

Delivery report allow Sending a delivery report when it is requested.

Auto-retrieve Remove the checkmark to download only the heading of multimedia messages, allowing you to manually download the whole message when you're ready. This is useful for controlling how much data you download.

Roaming auto-retreive Checkmark this setting to allow messages to be received even if you are roaming outside of the network.

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

Validity period Touch to select the validity period.

Geotagging notification Checkmark to display notification popup when sharing pictures with location information.

Share picture Select for share picture with location info. or without it.

Group conversation settings

Group conversation Checkmark this setting so that message recipients can see who received the message and reply to them.

Help Displays a pop-up with information describing the Group Messaging feature.

Notification settings

Notifications Checkmark this setting to allow your phone to receive a notification in the Status Bar whenever you receive a new message.

Notification ringtone Opens a dialog box where you can select the sound when you receive new message notifications.

Vibrate Opens a dialog box to set the phone vibration setting when you receive a new message notification.

New message popup Checkmark this setting to enable a dialog box to alert you to new message arrival(s).

To change the LG keyboard layout

1. Touch and hold [keyboard icon]. Then touch **Keyboard layout**.
2. Select the keyboard layout between **QWERTY** and **3x4 keypad**.
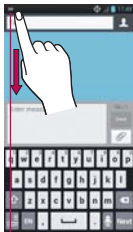
Touch and drag.
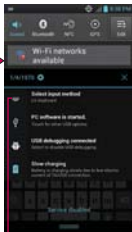
Touch **Keyboard layout**.

Choose the type of keyboard you want.

Using the Swype Keyboard

The Swype™ keyboard uses error correcting algorithms and also includes a predictive text system.

Swype Text Entry Tips

You can access Swype tips and watch a tutorial on using Swype. You can also use the following Swype text entry tips.

  ▸ Put your finger on the first letter of the word and draw a path from letter to letter, lifting your finger up after the final letter.

  ▸ Create a squiggle (like an S shape) to create a double letter (such as pp in apple).

  ▸ Touch and hold a key to enter the alternate letter or symbol located at the top right corner of the key.

  ▸ Move your finger over the apostrophe to enter contractions.

  ▸ Double-tap the word you want to change or correct a misspelled word.

  ▸ Touch the **Delete Key** to erase one character. Touch and hold the **Delete Key** to erase an entire word.

Talk

To open Google Talk and sign in

▶ From the Home Screen, touch the **Apps Key** ▦ > **Talk** 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.

Touch here to add account.

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, touch the **Menu Key** ▬ > **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. From the Home Screen, touch the **Apps Key** ▦ > **Talk** .

2. Touch the friend you want to chat with.

3. Enter your message then touch ▶.

More Options

From the talk list, touch the **Menu Key** ▮ for **Display options**, **End all chats**, **Sign out**, **Settings**, **Help** and **Send feed back**.

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.

More Options

During the chatting, touch the **Menu Key** ▮ for **End chat**, **Go off the record**, **Friend info**, **Add to chat**, **Clear chat history**, **Settings**, **Help** and **Send feedback**.

Changing and Monitoring Online Status

Touch here to change your status.

Touch here to change the status message.

Touch here to change the account.
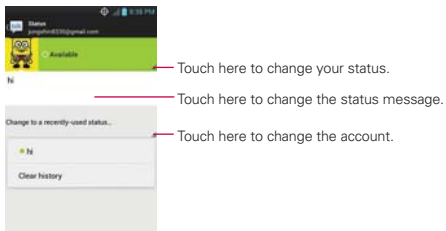
Touch and hold your account tab from the friend list to change and monitor online status.

To change your online status

1. From the Home Screen, touch the **Apps Key** ▦ > **Talk** 💬.

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

3. In the Set status screen that opens, touch your current status, then touch the new status you want to set.

   NOTE Touch the checkbox to indicate whether you are available for video/voice chat.

4. Touch **Done**.

   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 the Google Talk status for you and your friends.

🟢	Available: Signed into Google Talk and available to chat
🔴	Busy: Signed into Google Talk but too busy to chat
⚫	Invisible: Signed into Google Talk but appear signed out to others
	Signed out of Google Talk

To change your status message

In addition to the standard status icons described in the table above, you can also enter a status description to go with your status.

1. From the Home Screen, touch the **Apps Key** 🔲 > **Talk** 💬.
2. Touch your email address at the top of your Friends list.
3. Touch the message text field and enter the text you want displayed with your status.
4. Touch **Done**.

> **NOTE** Any status descriptions that you've entered previously are added to your status message list at the bottom of the screen, so you can easily touch them to set them in the future without retyping. To clear your list and start over, touch the **Menu Key** 🔳 > **Clear custom messages** ⊗.

To change your picture

1. Touch your email address at 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 **Save**.

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, touch the **Menu Key** ▮ > **Add friend** ▲.

2. Enter your friend's Gmail address then 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, touch the **Menu Key** ▮ > **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, touch the **Menu Key** ▮ > **All friends** ▲.

To switch back to just the friends with whom you chat most frequently, touch **Most popular** ▲ in the Options 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, touch the **Menu Key** ▮ > **All friends** ▲.

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

To remove a friend from this list, touch and hold the friend's name from the Friends list. In the Context 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, touch the **Menu Key** 🔳 > **All friends** 📷.

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

   You can view a list of your blocked friends by opening your Friends list and touching the **Menu Key** 🔳 > **More** 🔘 > **Blocked**. You can unblock a friend by touching the friend's name in the blocked list then touching **OK** 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, touch the **Menu Key** 🔳 > **Settings** ⚙.

2. Checkmark **Invitation notifications** to receive a notification in the Status Bar when friend invitation(s) are received.

3. Touch **Notifications** in the Text chat settings and Voice & video chat settings sections to receive a notification in the Status Bar when a new chat message arrives.

4. Touch **Ringtone** in the Text chat settings and Voice & video chat settings sections to open a list of the ringtones that will ring to notify you of a new chat.

5. Touch **Vibrate** in the Text chat settings and Voice & video chat settings sections to choose the vibration setting when you receive notification of a new chat.

To show or hide the mobile indicator to friends

1. From the Friends list, touch the **Menu Key** 🔳 > **Settings** 🔧.

2. Checkmark **Mobile indicator** (or remove the checkmark).

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

To set Google Talk to change your status

1. From the Friends list, touch the **Menu Key** 🔳 > **Settings** 🔧.

2. Checkmark **Away when screen off** (or remove the checkmark).

   When **Away when screen off** 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.

▶ Touch the **Home Key** 🏠 and then 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: **Dial**, **Call log**, **Contacts**, and **Groups**. Using these tabs, you can dial manually or make calls automatically from information you've stored in your phone.

Dial

This tab allows you to dial a phone number manually using the dial keypad. You can also call voicemail or call with the Voice dial feature using this keypad and even use the voice dialing feature.

Call log

This tab displays the history of all of 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** in the Context menu that appears, then touch **OK**. To delete your Call log, touch the **Menu Key** 🔳 > **Clear all** 🗑 > **OK**.

NOTE   You can also selectively delete entries from the Call log. Touch the **Menu Key** ▮ >
       Clear ▮ > touch the checkboxes to the left of the entries to delete > **Delete** > **OK**.

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.
Touch the **Menu Key** ▮ to open an Options menu to select **New contact**
▮ , **Delete** ▮ , **Send** ▮ , **Share** ▮ , **Backup now** ▮ , or **More** ▮ (Display
options, Speed dials, Accounts, Import/Export, My profile).

Groups

This tab displays your contacts by group for each account type you have
set up, starting with Favorites, followed by a list of recent frequent contact.
From here you can call or contact any of the entries based on the saved
information or manage your list. For additional options, touch the **Menu Key**
▮ to open an Options menu to select **New group** ▮ , **Send** ▮ , **Share** ▮ ,
or **Delete** ▮ .

To add a Contact to your list of favorites:

1. Touch the **Contacts** tab and then the Contact entry you want to add to
   your Favorites.
2. Touch the grey star next to the Contact's name. The star turns blue and
   the entry is added to your Favorites.

   To remove a Favorite, touch the blue star in either the Contacts list or Favorites
   list. The star turns grey and the entry is removed from your Favorites.

Frequent list

The **Phone** application generates a list of the phone numbers called
most frequently from your phone. This dialing shortcut list is displayed
horizontally below the **Phone** application tab. Touch any of the entries to
prepend it on the dial pad, then touch the **Call Key** ▮ to call it.

Voice Dialer

Call a Contact by Voice Dialing

You can call numbers directly by saying the contact's name or number.

1. From the Home Screen, 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.

   > **NOTE**   You can also access this feature by touching the **Voice Dialer Key** ▦ on the **Phone**
   > application dial pad.

Open an Application using Voice Dialer

1. From the Home Screen, 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

To open the **Camera** application, from the Home Screen, touch the **Apps Key** ▦ > **Camera** 📷.

> **TIP** If you haven't locked your phone with a security lock sequence, from the locked screen, simply press the **Power/Lock Key** ⬤, then drag the **Camera icon** 📷 downward.

Getting to know the viewfinder

Brightness – Defines and controls of the amount of light entering the lens. Slide the brightness indicator along the bar, toward "-" for a lower brightness image, or toward "+" for a higher brightness image.

Voice shot – Allows you to turn on or off the voice shot. You can say 'Cheese' when ready to take a photo.

Swap Lens – Allows you to swap between the rear camera lens and the front camera lens.
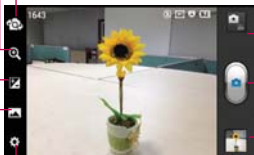
Mode Switch – Allows you to switch between Camera mode and Video mode. Slide this icon down for Video mode and up for Camera mode.

Capture – Touch to take a photo.

Gallery – Accesses your saved photos from within Camera mode. Simply touch this icon and your Gallery will appear on the screen. Touch the **Camera icon** 📷 in the upper right corner to return to Camera mode.

Settings – Opens the Camera settings menu. See Photo options.

Shot Mode – Allows you to set the Shot mode.

You can select from the below.

- **Normal** - Set as normal shot mode.
- **HDR** - HDR combines photos taken at different exposures to one optimal photo while compensating for backlight by enhancing multiple exposure control.
- **Panorama** - Continuous photos are assembled into one single panoramic image. Press shutter to start and slowly turn the camera across from one end to the other.
- **Time machine shot** - shot captures the missing moment before pressing the shutter
- **Continuous shot** - When shot mode is set to continuous shot, camera takes several images continuously in one time.

> **NOTE** The default resolution is **5M (2560x1920)**.

Photo options

You can make adjustments to optimize your shot. The following options are available when you touch **Settings** ⚙ on the viewfinder screen:

▸ **Flash Mode** ⚡ : Allows you to set the Flash **On** or **Off**.

▸ **Focus** 🅰 : Allows you to change the Focus mode to Auto or Face tracking.

▶ **Image size** 🖼 : Allows you to change the image size to 5M(2560x1920), 3M(2048x1536), W3M(2240x1344), 2M(1600x1200), 1M(1280x960), W1M(1280x768), VGA(640x480), or QVGA(320x240).

▶ **Scene mode** 🏞 : Adjusts for better image capture in different environments. Choose from Normal, Portrait, Landscape, Sports, Sunset, and Night.

▶ **ISO** 🔳 : Controls the camera's sensitivity to light. Choose from Auto, 400, 200 and 100.

▶ **White balance** 🔳 : Improves color qualities under different lighting conditions. Choose from Auto, Incandescent, Sunny, Fluorescent, and Cloudy.

▶ **Color effect** 🔳 : Applies artistic effects to pictures. Choose from None, Mono, Sepia and Negative.

▶ **Timer** 🔳 : Allows you to set a delay timer for the camera. This is ideal if you want to be in the picture. Choose from Off, 3 sec, 5 sec, or 10 sec.

▶ **Tag location** 🔳 : Allows you to add location information to the picture. This is ideal for geotagging purposes. Choose from Off or On.

▶ **Sutter sound** 🔳 : Allows you to select the Shutter sound for the Camera. Choose from Tone 1, Tone 2, Tone 3, or Tone 4.

▶ **Auto review** 🔳 : Allows you to briefly view the picture after taking it. Choose from Off, on On, 2 sec, or 5 sec.

▶ **Storage** 🔳 : Allows you to select where to store your pictures. Choose from Internal memory or SD card.

> **TIP** You can close all of the setting icons to give a clearer viewfinder screen. Just touch the center of the viewfinder once. To recall the options, touch the screen again.

Using the focus mode

You can select from the following focus options:

▶ **Auto** sets the camera to focus automatically on the object you touch on the screen before touching **Capture** 🔳 .

▶ **Face tracking** sets the camera to automatically detect and focus on

human faces. When Face tracking is set, touching the screen does not activate the focus box.

Taking a quick photo

1. Open the **Camera** application.

2. Holding the phone horizontally, point the lens toward the subject you want to photograph.

3. Touch the subject on the screen and a focus box will appear in the viewfinder.

4. When the focus box turns green, the camera has focused on your subject.

5. Touch **Capture** 📷 to take the picture.

Once you've taken the photo

If **Auto review** is set to On, your captured photo will appear on the screen until you touch an option or icon to proceed.

> **NOTE** Simply touch the screen to redisplay photo options if they recede from the screen.

The following options are available after taking a photo if **Auto review** is set to On.

> **NOTE** If **Auto review** is set to Off, these options can be accessed while viewing the photo in the **Gallery** application.

Share   Touch to share your photo using **Backup Assistant+, Bluetooth, Email, Gmail, Google+, Messaging, Picasa, Social+,** or any other application you've downloaded that supports this feature. Choose one of the Share options, then complete as necessary.

Set as   Touch to use the image as a **Contact icon** or **Wallpaper**. Then complete as necessary.

Touch to delete the image, then touch **OK** to confirm.

Touch to take another photo immediately. Your current photo will be saved to your Gallery.

Touch to view the Gallery of your saved photos.

Viewing your saved photos

You can access your saved photos from Camera mode. Just touch the image thumbnail at the bottom right corner of the Camera screen.

> **TIP** Slide your finger left or right to view other photos or videos.

While viewing a photo, touch the screen to access the following options:

Zoom Touch the zoom icons to zoom in 🔍 and out 🔍 .

Share ◄ Touch to open a dialog box to select which application to use to share the photo.

Delete 🗑 Touch to delete the photo, then touch **Confirm Delete**.

Edit ✎ Touch to edit the photo you have taken.

Menu key ▪ Touch to open an Options menu that includes the following additional options.

> ▸ **Set picture as** Touch to set the photo as the icon identifying a contact or set it as your phone wallpaper.

> ▸ **Move** Touch to move the picture to another album or folder.

> ▸ **Rename** Touch to open the keyboard to rename the photo for easy identification.

> ▸ **Rotate Left** Touch to rotate the photo counter-clockwise.

> ▸ **Rotate Right** Touch to rotate the photo clockwise.

> ▸ **Crop** Touch to open a cropping box tool that allows you to manually crop the photo. Use your finger to move or resize the cropping box to encompass only the part of the photo you want to see, then touch **Save**.

> ▸ **Slide Show** Touch to see your photos played in a slideshow.

> ▸ **Details** Touch to display information about the photo (e.g., file type, file size, etc.).

Video Camera

To open the **Video Camera** application, from the Home Screen touch the **Apps Key** ▦ > **Camera** 🔵. Slide the **Mode Switch** icon down for Video mode.

Getting to know the viewfinder

Brightness – Defines and controls of the amount of light entering the lens. Slide the brightness indicator along the bar, toward "-" for a lower brightness video, or toward "+" for a higher brightness video.

Zoom – Zoom in or zoom out. The **Volume Keys** will also set the zoom. Set the zoom before starting a video. You cannot change the zoom setting during recording.

Swap Lens – Allows you to swap between the rear camera lens and the front camera lens.

Mode Switch – Allows you to switch between Camera mode and Video mode. Slide down for Video mode and up for Camera mode.

Capture – Touch to start recording video.

Gallery – Accesses your saved photos and videos from Video camera mode.

Settings – Opens the Video settings menu. See Video options.

Shot Mode – Allows you to select **Silly faces** and **Backgrounds**.

Video options

You can make adjustments to optimize your video. The following options are available when you touch **Settings** ⚙ on the viewfinder screen:

▸ **Flash Mode** ⚡ : Allows you to set the flash mode.

▸ **Video size** 🔲 : Allows you to select the video size for the video. Choose from Full HD (1920x1080), HD (1280x720), TV (720x480), VGA (640x480), QVGA (320x240) (MMS), QCIF (176x144) (MMS)

▸ **White balance** 🔳 : Improves color qualities under different lighting conditions. Choose from Auto, Incandescent, Sunny, Florescent, and Cloudy.

▸ **Color effect** 🟦 : Applies artistic effects to videos. Choose from None, Mono, Sepia, and Negative.

▸ **Tag location** 📍 : Allows you to add location information to the video. This is ideal for geotagging purposes. Choose from Off or On.

▸ **Audio recording** 🎤 : Allows you to select if you want to record audio for the video. Choose from On or Mute.

▸ **Auto review** 📷 : Allows you to briefly view the video after taking it. Choose from Off, On, 2 sec, or 5 sec.

▸ **Storage** 📷 : Allows you to select where to store your videos. Choose from Internal memory or SD card.

Recording a quick video

1. Open the **Camera** application.
2. Slide the **Mode Switch** icon 📷 down to change to Video mode. The camera Mode Switch icon changes to 📷 and **Capture** changes to 📷.
3. The Video camera's viewfinder will appear on the screen.
4. Hold the phone horizontally and point the lens toward the subject of the video.
5. Touch **Capture** 📷 once to start recording.
6. The record dot at the bottom of the viewfinder turns red and the video length timer begins counting.
7. Touch **Stop** 📷 on the screen to stop recording.

After recording a video

If **Auto review** is set to On, a still image representing your video will appear on the screen until you touch an option or icon to proceed.

> **NOTE**   Simply touch the screen to redisplay the video options if they recede from the screen.

The following options are available if **Auto review** is set to On.

> **NOTE**   If **Auto review** is set to Off, these options can be accessed while viewing the video in the Gallery application.

Play Touch to play the video you just recorded.

Share Touch to share your video using **Backup Assistant+**, **Bluetooth**, **Email**, **Gmail**, **Messaging** or **YouTube**. Choose one of the Share options, then complete as necessary.

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

Touch to shoot another video right away. Your current video will be saved in your Gallery.

Touch to view the Gallery of your saved videos.

Watching your saved videos

1. In the viewfinder, touch the image thumbnail at the bottom right corner of the Camera screen.

2. Your video will appear on the screen.

3. Touch the play icon to play it automatically.

Your Photos and Videos

Adjusting the volume when viewing a video

To adjust the volume of a video while it is playing, use the **Volume Keys** on the left side of the phone.

Setting a photo as wallpaper

1. Touch the photo you want to set as wallpaper to open it.

2. Touch **More** 🖊 > **Set as** > **Wallpaper**.

3. Crop the photo, if necessary, then touch **Save**.

Gallery

Opening Gallery and Viewing Your Albums

Open the **Gallery** application to view albums of your pictures and videos.

To open Gallery and view your albums

▸ From the Home Screen, touch the **Apps Key** 🎛 > **Gallery** 🖼.

   OR

▸ Open Gallery from the **Camera** application by touching the thumbnail image at the bottom right corner of the screen.

The **Gallery** application presents the pictures and videos saved in your phone, including those you've taken with the **Camera** application and those you downloaded from the web or other locations.

If you have a Picasa™ account synchronized with one of your phone's Google™ Accounts, you'll also see your Picasa web albums in your Gallery.

Working with Albums

Albums are groups of images and videos in folders on your microSD card and in Picasa web albums.

To open an album and view its contents

▸ From the Home Screen, touch the **Apps Key** ▦ > **Gallery** 🔲 and touch the album whose contents you want to view.

To Work with Batches of Pictures or Videos

In addition to working with whole albums and with individual pictures, you can select one or more pictures or videos in an album to work on them batches. For example, to send a few pictures from an album to a friend.

1. From the Home Screen, touch the **Apps Key** ▦ > **Gallery** 🔲.

2. Open the album that contains the pictures and videos you want to work with as a batch.

3. Touch the **Menu Key** ▰.

4. Touch the pictures you want to work with to checkmark them. Touch a checkmarked item to remove the checkmark.

   You can checkmark all items or remove all checkmarks, by touching **Select All** or **Deselect All** at the top of the screen.

5. Touch **Share** or **Delete** , then complete as necessary.

To share an album

You can share the entire contents of one or more albums or individual images or videos from an album.

1. From the Home Screen, touch the **Apps Key** > **Gallery** .

2. Touch the **Menu Key** .

3. Checkmark or uncheckmark the album(s) you want to share.

4. Touch **Share** at the bottom left corner of the screen and touch the application you would like to use to share the selected albums.

5. Enter the necessary information and share it.

To get details about an album

1. From the Home Screen, touch the **Apps Key** > **Gallery** .

2. Touch the **Menu Key** then touch **Details** in the dialog box.

To delete an album

You can delete an album and its contents from your microSD card.

1. From the Home Screen, touch the **Apps Key** > **Gallery** .

2. Touch the **Trash icon** .

Working with Pictures

Use the Gallery application to view pictures that you've taken with the Camera application, downloaded, copied onto your microSD card or that are stored in Picasa web albums.

To view and browse pictures

1. From the Home Screen, touch the Apps Key ▦ > Gallery ▣ .
2. Open an album, then touch a picture.

  ▸ Turn the phone to view the picture in vertical (portrait) or horizontal (landscape) orientation. The picture is displayed (but not saved) in the new orientation.
  ▸ Touch the picture to view navigation, zoom, and other control buttons.
  ▸ To zoom, touch a zoom icon (+ or -), use the pinch-to-zoom method, or just double-tap the screen.
  ▸ When the picture is zoomed in, you can drag the picture to view parts that are not in view.
  ▸ When the picture is zoomed to fit in the window, drag left or right to view the next or previous picture in the album.

To watch a slideshow of your pictures

  ▸ While viewing a picture, touch the screen to view the control buttons then touch More ▨ > Slide show.
  ▸ Touch the screen, or touch the Back Key ⌫, to end the slideshow.

To rotate a picture

1. Touch a picture you want to rotate.

2. Touch **More** . A dialog box opens with tools for working with the picture.
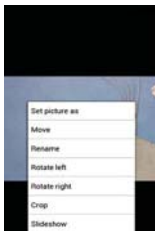
3. Touch **Rotate Left** or **Rotate Right**.

   The picture is saved with the new orientation.

To crop a picture

You can crop and save pictures that are stored on your microSD card.

1. Touch the picture you want to crop.

2. Touch **Menu Key** . A dialog box opens with tools for working with the picture.

3. Touch **Crop**.

   The cropping box appears on top of the picture.

4. Use the cropping box to select the portion of the picture to keep; the rest of the photo will be discarded.

   ▸ Drag from the inside of the cropping box to move it.

   ▸ Drag an edge of the cropping box to resize it to any proportion.

   ▸ Drag a corner of the cropping box to resize it with fixed proportions.

5. Touch **Save** to save a copy of the picture as you cropped it. The original uncropped version remains in your phone's memory.

To get details about a picture

1. Touch the picture you want.

2. Touch **More**. A dialog box opens with tools for working with the picture.

3. Touch **Details**.

To delete a picture

You can delete a picture from your microSD card.

1. Touch the picture you want to delete.

2. Touch **Delete** 🗑, then touch **Confirm Delete** in the dialog box that opens.

Working with Videos

Use the **Gallery** application to play videos that you've taken with the **Camera** application and to share them with friends.

To play videos

▸ Open a Gallery album then touch a video.
The video plays in the orientation you recorded it in.
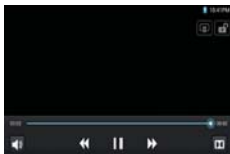
▸ Touch the screen while the video is playing to view the playback controls.

To share a video

You can share your videos in a variety of ways, including sending it by email or multimedia message (MMS), or via or a Bluetooth device. You even have the option to share your videos publicly by uploading it to the YouTube™ website.

1. From the Home Screen, touch the **Apps Key** ▦ > **Gallery** 📷, then touch an album.

2. While viewing an album, touch the **Menu Key** 🔲.

3. Touch to checkmark the video(s) you want to share.

4. Touch **Share** ◁ at the bottom left corner of the screen.

5. In the dialog box that opens, touch the application you would like to use to share the selected videos.

6. Enter the necessary information and share it.

To delete a video

1. From the Home Screen, touch the **Apps Key** ▦ > **Gallery** ▣, then touch an album.

2. While viewing an album, touch the **Menu Key** ▬.

3. Touch to checkmark the video(s) you want to delete.

4. Touch **Delete** 🗑 at the bottom center of the screen.

5. Touch **Confirm Delete**.

Video Producer

You can make your own movie using your images/video and music.

1. From the Home Screen, touch the **Apps Key** ▦ > **Video Producer** 🎬.

2. Select the desired options to create a movie.
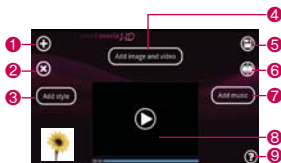
- ❶ **Add Media** ⊕ Touch this icon add images and/or video to your movie.
  - ▸ Touch **Images** to add images, then touch the image(s) you want to add.
  - ▸ Touch **Videos** to add video footage, then touch the video(s) you want to add.
  - ▸ Touch **Done** ✅ to exit after all of the media files have been added.

- ❷ **Delete Media** ⊗ Touch this icon to remove the selected image(s) and/or video(s).
  - ▸ Touch an image or video in the added media contents section, touch **Delete Media** ⊗, then touch **Delete selected** (or **Delete all**).

❸ **Add Style** Touch this icon to select the desired movie style.

‣ Touch the up or down arrow to scroll through and select the style you want.

❹ **Added Contents** Displays all of the selected image(s) and/or video(s) for your movie.

‣ Swipe left and right to scroll through all of the files you've added.

❺ **Save** 🖼 Touch this icon to save the movie file.

❻ **Edit** 🖼 Touch this icon to edit the movie file.

‣ Swipe left and right to select the footage to edit.

‣ Touch the **Overlay Text** icon 🔘 to insert text.

‣ Touch the **Overlay Image** icon 🔘 to insert selected graphic(s).

‣ Touch the **Trim Video** icon 🔘 to trim segments from your video footage.

‣ Touch the **Done** icon 🔘 to exit when you're finished editing.

❼ **Add Music** Touch this button to set the background music.

❽ **Preview** 🔘 Touch this icon to play your movie.

❾ **Help** 🔘 Touch this icon to view information on how to use the **Video Producer** application.

Play Store™

Opening Android Play Store and Finding Applications

Open the **Android Play Store** application to browse and search for free and paid applications.

To open the Android Play Store application

▸ From the Home Screen, touch the **Apps Key** 🎛 > **Play Store** ▶ or touch the **Play Store icon** ▶ from the Home screen.

When you open the **Android Play Store** application for the first time, you must read and accept the terms of service to continue.

Touch here to search for the apps or touch & hold the **Menu Key** ⓘ.

Scroll to the left and right to view and explore sub-categories.

To get help with Android Play Store

Android Play Store Help web pages are available from all of the Android Play Store screens.

▸ Touch the **Menu Key** ⓘ > **Help** ? .

The **Browser** application opens to the Android Play Store Help page, with links to many help topics.

To open a screen with details about an application

▸ At any time while browsing through Android Play Store, 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, rate the application, and more.

To return to the Android Play Store home page

You can return directly to the Android Play Store homepage from most other screens in Android Play Store.

▸ Touch the **Play Store** icon 🔲 at the top left corner 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.

Here indicates the price.

2. Touch **Download** or **Install** (for free applications) or the **Price** button (for paid applications).

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 accept 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.

If you have another Android™ phone, you can download a paid application to that phone using the same Android Play Store 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 Play Store.

▸ 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 Play Store, you're prompted to enter your billing information to set up a Google Checkout account.

WARNING!

After you've used Google Checkout once to purchase an application from Android Play

Store, 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.

> **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**. 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.

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**. 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

▶ From the Home Screen, touch the **Apps Key** ▦ > **Music Player** 🎵.

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, Playlists, or Folders.
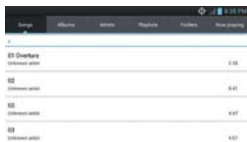
You can return to the main Library screen from most other screens in the **Music** application by touching the **Menu Key** ▮ > **Library**.

To search for music in your library

1. Open the main Library screen then press and hold the **Menu 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, touch the **Menu Key** ▯ > **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, touch the **Menu Key** ▯ > **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.
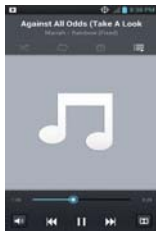
You can return to the Playback screen from most other screens in the **Music Player** application by touching the currently playing song at the bottom of the screen.

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:

�❚❚	Touch to pause playback.
▶	Touch to resume playback.
▶▶	Touch to skip to the next track in the album, playlist, or shuffle.
◀◀	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.
▶◀	Touch to set the Dolby Mobile setting, which enhances your music listening.

To control playback volume

In addition to the techniques for setting media volume, you can control the volume of music in the **Music Player** 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 Player** application plays tracks from your microSD card in random order until Party shuffle is turned off.

  ‣ In a Library screen, touch the **Menu Key** ▮ > **Party shuffle** .

    The **Music Player** 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, touch the **Menu Key** ▮ > **Party shuffle off** .

To customize settings in the Playback or a Library screen

Touch the **Menu Key** ▮ > **More** > **Settings** in a Playback. Touch the **Menu Key** ▮ > **Settings** in a Library screen.

  ‣ **Show notification** Shows the controller on the Notifications panel.

  ‣ **Sleep timer** Turns off the player automatically. Touch the following options to apply sleep timer: **Off**, **After 10 minutes**, **After 20 minutes**, **After 30 minutes**, **After 1 hour**, **After 2 hours**

  ‣ **Dolby Mobile** Applies the following sound effect (Dolby) options: **Off**, **Neutral**, **Expansive**, **Bass Boost**, **Treble Boost**, **Vocal Boost**.

NOTE　This is only available when an ear jack is plugged in.

To use a song as a ringtone

You can set a song to be used 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 ringtone**.

　OR

▸ On the Playback screen, touch the **Menu Key** ▯▮ > **More** > **Use as ringtone**.

NOTE　This adds the song to your ringtone list. Access the **Contacts** application to set it for a specific Contact entry.

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 Playlist**.

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 touching the **Menu Key** ▯▮ > **Add to playlist** or touching **Save as playlist** to save all the songs in the current playlist as a 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 touching the **Menu Key** ▮▮ > **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**.

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**.

Video Player

You can play a wide variety of videos using the Video Player. The Video Player supports the following file formats: 3gp/3g2, mp4/m4v, avi, wmv, mov, mkv, flv, asf, divx (Codec: MPEG4, H.263, Sorenson H.263, H.264, VC-1, DivX/XviD).

‣ Supported file formats are dependent on the software version of the phone.

To open the Video Player application

1. From the Home Screen, touch the **Apps Key** 🔳 > **Video Player** 🎬.

2. Touch the video you want to play.

Playback controls

Touch the screen to display the playback controls. The following options allow you to control the video playback:

⏸	Pause playback.
▶	Play a video file.
⏭	Touch and hold to fast-forward playback.
⏮	Touch to start playing the video from the beginning. Touch and hold to rewind playback.
◨◨	Touch to activate or deactivate the Dolby Mobile setting, which enhances your music listening.
🔊	Touch to display a slider bar to increase or decrease the media volume.
🔒	Touch to lock the Video Player screen so that the video playback controls are not displayed when the screen is touched.

NOTE • You can also flip the device over to pause the video playing. This is only available when the **Pause** option is checked in the Gestures menu.

Video Player list options

The following options are available from the Video Player list screen:

▸ **Storage** Touch the **Menu Key** [≡] > **Storage** [Storage], then select **Backup Assistant Plus** or **Device**.

▸ **Delete** Touch the **Menu Key** [≡] > **Delete** [🗑], then touch each video to delete. When all files to be deleted have been checkmarked, touch **Delete** > **OK** to confirm.

▸ **DivX VOD** Touch the **Menu Key** [≡] > **DivX(R) VOD.** Register DivX before using this video on demand feature.

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

▸ From the Home Screen, touch the **Apps Key** [▦] > **YouTube** [▶].

Touch a video to watch it or touch the **Menu Key** [≡] 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.

▸ Touch the **Back Key** ◼ to stop playback and return to the videos list.

For details about these features, visit the YouTube website.

To search for videos

1. Touch the **Search** icon 🔍 then touch **Search**.

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 the **Record video** icon 📹 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 the **Record** icon to start recording.

5. Touch the **Stop** icon to stop recording.

6. Touch the **Upload** icon .

   The YouTube Upload details screen is displayed.

7. Enter a title, description, and tags for your video.

8. If you want to share the video with everyone, touch the **Privacy** field and then touch **Public**. If not, touch **Private**.

9. Touch **Upload**.

Voice Recorder

The **Voice Recorder** application records audible files for you to use in a variety of ways. Use your recordings to simply remind you about something you don't want to forget (like a grocery list) or record sound effects that you can attach to a message or set as a ringtone for calls.

Record a Voice Memo

1. From the Home Screen, touch the **Apps Key** > **Voice Recorder** .

2. Touch **Record** at the bottom center of the screen to start recording.

3. Speak into the microphone.

4. When you're finished, touch **Stop** at the bottom right of the screen.

   The recording is automatically saved to your recordings list.

   ▸ Touch **Play** at the bottom right of the screen to listen to your recording.

   ▸ Touch **Record** at the bottom center of the screen to record a new voice memo.

   ▸ Touch **List** at the bottom left of the screen to view your list of recordings.

   NOTE Touch the **Menu Key** on the Voice Record screen, then touch **Storage** to designate where the audio file will be stored or touch **MMS mode** (or **General Mode**) to set the audio file size mode.

Play a Voice Memo

1. From the Home Screen, touch the **Apps Key** ▦ > **Voice Recorder** 🔳.
2. Touch **List** ▪️ ʟɪˢᵗ at the bottom left of the screen.
3. Touch the voice memo you want to play.

   NOTE   You can send the voice memo to others by touching and holding a voice memo and
   touching **Share**.

Managing your Voice Memos

1. From the Home Screen, touch the **Apps Key** ▦ > **Voice Recorder** 🔳.
2. Touch **List** ▪️ ʟɪˢᵗ at the bottom left of the screen.
3. Touch the **Menu Key** ▪ for the following options.

   ▸ Touch **Sort by** ▦ to choose how to display the list, either by date or
   by name.

   ▸ Touch **Share** ◂ to send via Backup Assistant+, Bluetooth, Email,
   Gmail, Messaging, or other compatible applications you have
   downloaded.

   ▸ Touch **Delete** 🗑 to delete voice memo(s). Touch the voice memo(s) to
   delete and then touch **Delete** > **OK**.

   ▸ Touch **Delete all** 🗑 to delete all of the voice memos in the list and
   touch **OK** to confirm.

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.

To open the Calendar application

▸ From the Home Screen, 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 account are displayed in a different color.

To change your calendar view

▸ Touch the the **Month** tab, the **Week** tab, the **Day** tab or the **Agenda** tab below the calendar.

Each view displays the events in your calendar for the period of time specified.

▸ To view more information about an event in the Agenda, Day, or Week view, touch the event.

▸ To view the events of a day in Month view, touch a day. The event will be displayed below the calendar. Touch the event to view its details.

Working in Day View

Day view displays a list of the events of one day, in a table of one-hour rows. The current time will be designated as a horizontal red line. If it's a day of commemoration (e.g., a holiday) it is listed below the current date. All-day and multi-day events are displayed at the top. Part of the title of each

event is displayed in the row that corresponds to when it occurs.

To switch to Day view

▸ Touch the **Day** tab above the calendar.

Tab here to switch to Week/ Month or Agenda View.

Touch here to create new event.

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, delete, or copy 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 an options 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

▸ Touch the **Week** tab above the calendar.

Tab here to switch to Day/Month or Agenda View.

Touch here to create new event.

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 green in the day's vertical bar.

To switch to Month view

▸ Touch the **Month** tab above the calendar.

Touch here to switch to Day/ Week or Agenda view.

Touch here to create new event.

To view more information about events in Month view

▸ Touch a day to display the events below the calendar. You can then touch the event to view more information about it.

Working in Agenda View

Agenda view is a list of your events in chronological order by day. A week's worth of events is displayed. To show earlier Agenda events, touch **Tap to look for more** at the top of your agenda list. To show later Agenda events touch **Tap to look for more** at the bottom of your agenda list. All-day and multi-day events are listed at the start of each day.

To switch to Agenda view

▸ Touch the **Agenda** tab above the calendar.

Tab here to switch to Day/Week or Month View.
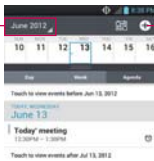
Touch here to create new event.

To learn more about events in Agenda view

▸ Touch an event.

A screen with details about the event opens.

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 here to go back to calendar view.
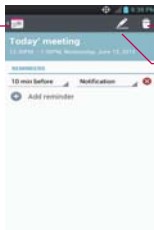
Touch here to delete the event.

Touch here to edit the event.

Touch the **Reminders** field to change reminder settings, touch ⊕ Add reminder to add another reminder, or touch **Remove reminder** ⊗ to remove the reminder.

If you have permission to change events, you can touch **Edit** to edit the event, touch **Delete** to delete the event, or touch **Share** to share it.

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 ⊕ Add reminder to automatically add a reminder for 10 minutes before the event.

   If a reminder is already set, touch the **Add reminder** button ⊕ Add reminder to set more reminders for the event.

3. 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

▸ From the Home Screen, touch the **Apps Key** ⊞ > **Calculator** 🖩.

Basic Panel   Advanced Panel

▸ Enter numbers and arithmetic operators on the Basic panel.

▸ Drag the Basic panel to the left to open the 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.

Alarm/Clock

You use the **Alarm/Clock** application to access the Alarm, Timer, World Clock, and Stopwatch functions. These functions are access through the tabs across the top of the screen.

To open the Clock application

▸ From the Home Screen, touch the **Apps Key** ▦ > **Alarm/Clock** 🕐.

▸ Touch the **Alarm** tab at the top of the screen if necessary.

Setting Alarms

You can set an alarm by modifying an existing alarm or by adding a new one.

To set an alarm

1. Touch **New alarm** or touch an existing alarm to modify it.

2. Scroll the time wheel to set the alarm time.
    ▸ Enter the alarm time manually by scrolling the hour (or minutes) field.
    ▸ Scroll to **AM** or **PM** to set for morning or afternoon.
3. Touch the day(s) when you want the alarm to sound in the **Repeat** field. If you don't touch the Repeat setting, the alarm sounds only the one day you set it.
4. Touch **Snooze duration** to open a dialog box to set the amount of time to wait before sounding the alarm again if it is not dismissed. You can set the alarm to ring repeatedly from 5 minutes up to 1 hour.
5. Touch **Vibration** to checkmark the setting and have the phone vibrate, in addition to playing the ringtone.
6. Touch **Alarm tone** to select a ringtone for the alarm, then touch **OK**. The ringtone plays briefly when you select it.
7. Touch **Puzzle lock** to checkmark the setting, which requires you to wake

up enough to solve a simple puzzle to dismiss the alarm.

8. Touch **Memo** to enter a name for the alarm.

9. When you're finished, touch **Save**.

When the alarm sounds

▸ Touch **Stop** or use the gesture feature of simply flipping the device over to stop the alarm.

▸ Touch **Snooze** to stop the alarm for the snooze duration you set.

NOTE If Puzzle lock is set to On, using the gesture feature of flipping the device over will snooze the alarm instead of turning it off

Setting the Timer

The **Timer** application can be used to alert you with an audible signal when a set amount of time has passed.

1. Open the **Alarm/Clock** application and touch the **Timer** tab.

2. Set the time by scrolling Hour, Minute and/or Second on the time wheel.

3. Touch **Vibrate** to checkmark the setting and have the phone vibrate when the set time expires.

4. Touch **Alert Tone** to select an alert tone for the timer, then touch **OK**.

5. Touch **Start** to begin the time countdown.

6. Once the alarm sounds, touch **Stop** to stop the timer.

Setting the World Clock

This feature allows you to set up a list of cities to easily check current times in other time zones with a quick glance.

1. Open the **Alarm/Clock** application and touch the **World Clock** tab.

2. Touch **New City** and search through the available cities for the one you want.

Using Menu Options

Touch the **Menu Key** ▣ to select the World Clock menu options.

> ▸ Touch **New city** ⦿ to select another city for your list.

> ▸ Touch **Delete** 🗑 to select a city to delete from your list.

> ▸ Touch **Delete all** 🗑 to remove all cities from your list.

Using the Stopwatch

This feature allows you to use your phone as a Stopwatch.

1. Open the **Alarm/Clock** application and touch the **Stopwatch** tab.
2. Touch **Start** to start timing and touch **Stop** to stop the time.
   You can use the Lap function by touching **Lap** to record lap times.
3. Touch **Reset** to reset the Stopwatch or **Resume** to resume it.

Polaris Office

Polaris Office 3.0 is a professional Mobile Office Solution which enables users to conveniently view or edit various types of office documents including Word, Excel, and PowerPoint file extensions anywhere, anytime, using their mobile device.

To access this application, from the Home Screen touch the **Apps Key** ▦, then touch **Polaris Office** 🔷.

Managing Files

Polaris Office 3.0 provides mobile users with the convenience of managing files including copying, moving, and deleting files and folders right on the device. Local folders are displayed on the main screen for easy access and file selection.

Viewing Files

Mobile users now have the convenience of being able to view a wide variety of file types including Microsoft Office documents, Adobe PDF and images right on their mobile device. When viewing these documents using

Polaris Office 3.0, the objects and layout remain unchanged from their original documents.

Editing Microsoft Office Files

Mobile users also have the convenience of being able to create, edit, and save Word, Excel and PowerPoint documents on their mobile device. Saved Documents generated or modified using Polaris Office 3.0, are not distorted from the originals.

SmartShare

SmartShare uses DLNA (Digital Living Network Alliance) technology to share digital content through a wireless network. Both devices must be DLNA certified to support this feature.

To turn SmartShare on and allow sharing contents

1. Touch the **Apps Key** ▦ > **SmartShare** 🎨.

2. Touch the **Menu Key** ▬ > **Settings**.

3. Touch **Discoverable** to allow your device to be detected by other devices.

   ▸ Touch **Always accept requests** if you would like to automatically accept sharing requests from other devices.

   ▸ Touch **Receive files** if you would like to allow the other devices to upload media files to my phone.

4. Under the My shared contents section, touch to checkmark the types of content you would like to share. Choose from **Pictures**, **Videos**, and **Music**.

5. SmartShare is now activated and ready to share contents.

To control your renderer devices

Let your renderer device (e.g., TV) play multimedia contents from your remote content library (e.g., PC).

> **NOTE** Make sure that the DLNA functionality of your devices is properly configured (e.g., TV and PC).

1. Touch the **Apps Key** ▦ > **SmartShare** ✦.

2. Touch ◨ and select the device from the renderer device list.

3. Touch ▤ and select the device of the remote content library.

4. You can browse the content library.

5. Touch and hold a content thumbnail and flick them to the top area with your finger or touch the **Menu Key** ◼ > **Play**.

To download contents from the remote content library

1. Touch the **Apps Key** ▦ > **SmartShare** ✦.

2. Touch the **From** button and select the device of the remote content library.

3. You can browse the content library.

4. Touch and hold a content thumbnail and then touch **Download**.

To upload contents from the remote content library

> **NOTE**   Make sure that the microSD card is correctly mounted and the **Receive files** option in the Settings menu is checked.

1. Touch the **Apps Key** ▦ > **SmartShare** ✦.

2. Touch the **From** button and select **My phone**.

3. You can browse the local content library.

4. Touch and hold a content thumbnail and then touch **Upload**.

5. Select the device of the remote content library to be uploaded.

> **NOTICE**   Some DLNA enabled devices do not support the DMS upload functionality and will not upload files.

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. For settings specific to the **Browser** application, see the Browser section.

To open the Settings application

▸ From the Home Screen, touch the **Menu Key** ▮▮ > **System settings**.

OR

▸ From the Home Screen, touch the **Apps Key** ▦ > **Settings** ⚙.

Wireless & networks

The Wireless & networks settings allow you to configure and manage wireless radio communications. These settings include Airplane mode.

Wi-Fi Drag the round button to the right to turn on Wi-Fi functionality to connect to available Wi-Fi networks.

▸ **Network notification**

Provide available AP list when launching apps, but not connecting to network.

Scan .

Add Network Notifies you when Wi-Fi is available when launching applications.

Bluetooth Drag the round button to the right to turn on Bluetooth functionality to connect to Bluetooth devices.

VS950 4G Tap to rename phone.

Make phone visible Allow finding my phone via other Bluetooth devices.

Device type to be searched All devices, headset, Mobile phone, PC, Input device(keyboard, mouse, etc).

Data usage

Mobile data Slide the button to the right to enable mobile data.

Set mobile data limit Touch to set mobile data limit.

Airplane mode Disable all wireless connections.

Wi-Fi Direct Set up peer-to-peer connectivity.

NFC Allow data exchange when the phone touches another device.

Andoid Beam Ready to transmit app content via NFC.

VPN settings Set up & manage Virtual Private Networks(VPNs).

Mobile networks Set options for roaming, networks, APNs.

Sound

Use Call settings to configure phone call settings.

Sound profile

Sound On Opens a dialog box where you can set the volume of ringtones that sound when you receive a phone call or notification, media (music, videos, and so on), and alarms. If you uncheckmark the option to use the same volume for both calls and notifications, you can set the notification ringtone volume independently.

Vibrate only Allows you to turn off all sounds except alarms and media between certain periods of time and on desired days

Silent mode Checkmark to silence all sounds (including call and notification ringtones) except the audio from music, videos, and other media and any alarms you have set. (You must silence media and alarms in their own applications.)

Volumes Set the volumes for Phone ringtone, Notification sound, Touch feedback & system and Music, video, games and other media.

RINGTONE NOTIFICATION

Phone ringtone Select the ringtone for call.

Notification ringtone Select the ringtone for notification.

Ringtone with vibration Checkmark for Vibration feedback for calls and notification.

 TOUCH FEEDBACK & SYSTEM

Dial pad touch tones Checkmark to turn on the Dial pad touch tones.

Touch sound Checkmark to turn on the Touch sounds.

Screen lock sound Checkmark to turn on the screen lock sound.

Sound when roaming Checkmark for Enhanced Roaming Indication.

Vibrate on touch Checkmark to turn on vibrate on touch.

Display

Use the Display settings to configure brightness and other screen settings.

Brightness Opens a dialog box for adjusting the brightness of the screen. For the best battery performance, use the dimmest comfortable brightness.

Auto-rotate screen According to phone orientation, screen is rotated.

Screen timeout Screen turns off automatically.

Font Type Select the font type.

Font Size Select the font size from Small, normal, Large, Extra large.

Front key light Select the front key light.

 Sensor

Motion sensor calibration Improve the accuracy of the tilt and speed of the sensor.

Home screen

Theme Select the theme.

Animation Select for All animations are shown.

Screen effect Select the screen effect from Basic, Breeze, Accordion, Panorama, Carousel, Jenga, Domino.

Wallpaper Select the wallpaper.

Scroll wallpaper Checkmark to Wallpaper scrolls with the screen.

Scroll screens circularly Checkmark to show first screen after last screen when scrolling.

Lock screen

Select screen lock Select from None, Swipe, Pattern, PIN or Password.

None No lock screen.

Swipe Swipe lto unlock screen.

Pattern Draw pattern to unlock screen.

Pin Enter a numeric PIN to unlock screen.

Password Enter a password to unlock screen.

Wallpaper Select Wallpaper.

Widget & shortcuts Customize widget & shortcuts on the lock screen.

Owner info Show owner info on the lock screen.

Gesture

Move Home screen items Press and hold an item and tilt device to move item within home screens or applications.

Tilt sensivity Test and adjust sensivity of tilt sensor for home screens or applications.

Pending incoming calls Flip device tp mute incoming call.

Snooze or stop alarm Flip device to snooze or stop alarm.

Pause video Flip device to pause playing video.

Browse items in gallery Tap left or right side of device to move to previous or next item.

Move text cursor Tap any side of device to move cursor by one space while typing.

Help Displays a guide on using the Gesture feature of your device.

Storage

Use the Storage settings to monitor the used and available space on your phone and on your microSD card, to manage your microSD card, and if necessary, to reset the phone, erasing all of your personal information.

INTERNAL STORAGE Total space Lists the total amount of space on Internal Storage.

  Apps

SD CARD Lists the total amount of space on SD Card.

  Unmount SD card Unmounts the microSD card from your phone so that you can format the card or safely remove. This setting is dimmed if there's no microSD card installed, if you've already unmounted it, or if you've mounted the microSD card on your computer.

  Erase SD card Permanently erases everything on the microSD card and prepares it for use with your phone. You must unmount the microSD card before you can format it.

Power Saver

  Turn Power Saver on Select the level you want to turn on the Power Saver.

  Power Saver tips Touch to access some tips for Power Saver.

  POWER SAVING ITEMS

  Auto-sync Turn off Auto-sync

  Wi-Fi Turn off WiFi if not connected

  Bluetooth Turn off Bluetooth if not connected

  Screen timeout Adjust screen timeout of screen

  Front key light Adjust Front key light timeout

  BATTERY INFORMATION

  Battery percentage Display battery percentage on indicator.

  Battery use View which components and application use the most battery.

Apps

You use the Applications settings menu to view details about the applications installed on your phone, manage their data, force them to stop, and to set whether you want to permit installation of applications that you obtain from websites and email. Tab the Downloaded, On SD card or Running Tab to see the seize of storage.

Accounts & sync

Use the Accounts & sync settings menu to add, remove, and manage your Google™ and other supported accounts. You also use these settings to control how and whether all applications send, receive, and sync data on their own schedules and whether all applications can synchronize user data automatically.

Gmail™, Calendar, and other applications may also have their own settings to control how they synchronize data; see the sections on those applications for details.

Slide the button to right to enable adding account or sync. Touch ADD ACCOUNT to add new account.

Location Services

Use the Location settings to set your preferences for using and sharing your location when you search for information and use location-based applications, such as Maps.

E911 E911 Location cannot be turned off on any mobile phone. Intended for personal safety in urgent situations, this setting cannot be altered by the user.

Verizon Location Services Checkmark to enable Verizon Wireless and third party authenticated and validated location services to access certain location information available through this and/or the network.

Standalone GPS Services Checkmark to enable your phone's standalone global positioning system (GPS) satellite receiver to pinpoint your location to within an accuracy as close as several meters ("street level"). Actual GPS accuracy depends on a clear view of the sky and other factors.

Google location services Checkmark to use information from Wi-Fi and mobile networks to determine your approximate location, used while

searching in Google Maps and other applications. When you checkmark this option, you're asked whether you consent to sharing your location anonymously with Google's location service.

Location & Google search Let Google use your location to improve search results and other services.

Security

Use the Security settings to configure how to help secure your phone and its data.

ENCRYPTION

Encrypt Phone Opens a screen that encrypts data on the device for security.

Enable Storage Encryption Opens a screen that enable/disable storage encryption and synchronize with previous encrypted data.

SIM CARD LOCK

Set up SIM card lock Opens a screen to set if you want to require a PIN to use the And, if set, allows you to change the PIN.

PASSWORDS

Make passwords visible Checkmark to briefly show each character of passwords as you enter them so that you can see what you enter.

DEVICE ADMINISTRATION

Device administrators Add or remove device administrators.

Unknown sources Allow installation of non-Market application.

CREDENTIAL STORAGE

Trusted credentials Checkmark to allow applications to access your phone's encrypted store of secure certificates and related passwords and other credentials. You use credential storage to establish some kinds of VPN and Wi-Fi connections. If you have not set a password for the secure credential storage, this setting is dimmed.

Install from storage Touch to install a secure certificate from a microSD card.

Clear credentials Deletes all secure certificates and related credentials and erases the secure storage's own password, after prompting you to confirm that you want to do this.

Language & keyboard

Use the Language & keyboard settings to select the language for the text on your phone and for configuring the on-screen keyboard, including words that you've added to its dictionary.

Select language Opens a dialog box to choose a language to use on your phone.

Personal dictionary

KEYBOARD INPUT METHOD

Default Shows the default keyboard type.

Google voice typing Checkmark to select the Google voice typing. Touch Set for setting.

LG Keyboard Checkmark to select the LG keyboard. Touch Set for setting.

SPEECH

Voice Search Touch for Voice Search setting.

Text-to- speech output Touch to set preferred engine or general setting.

MOUSW/TRACKPAD

Pointer speed Touch to set the pointer speed.

Backup & reset

BACKUP & RESTORE Backup and restore app/widget configuration, theme.

Back up my data Back up app data, Wi-Fi passwords, and other settings to Google servers.

Back up account

Automatic restore When reinstalling an app, restore backed up settings and data.

PERSONAL DATA

Factory data reset Erases all data on phone.

Date & time

Use the Date & time settings menu to set your preferences for how dates are displayed.

Automatic date & time Use network-provided values.

Automatic time zone If you do not use the Automatic setting, you can set your own time zone.

Set date If you do not use the Automatic setting, you can set your own date.

Select time zone

Set time If you do not use the Automatic setting, you can set your own time.

Use 24-hour format Checkmark to display the time using 24-hour time format ─ for example, 13:00 rather than 1:00 pm.

Select date format Opens a dialog box to select the format for displaying dates.

Accessibility

You use the Accessibility settings menu to configure any accessibility plug-ins you have installed on your phone.

SERVICES

TalkBack Touch to add accessible service.

SYSTEM Checkmark for Large ttext, Auto-rotate screen, Touch & hold delay or Install web scripts.

Connectivity

USB CONNECTION

USB connection Type Opens a dialog box to choose the default connection mode when connecting your phone to a PC via USB. Choose from Charge Only, Media sync (MTP), Internet Connection or Camera (PTP).

Ask on connection Ask USB connection type when connection tp PC.

Help Touch to get information.

AUTO LAUNCH Select the launch mode.

Car Home Touch set as car home mode.

Media Home Touch set as media home mode.

Pouch mode Touch set as pouch mode.

Developer option

USB debugging Debug mode when USB is connected.

Development device ID

Stay awake Screen will never sleep while charging.

Allow mock locations Allow mock locations.

Desktop backup password Desktop full backups artn't currently protected.

USER INTERFACE

Strict mode enabled Flash screen when apps do long operations on main thread.

Pointer location Screen overlay showing current touch data.

Show touches Show visual feedback for touches.

Show screen updates Flash areas of screen when they update.

Show CPU usage Screen overlay showing current CPU usage.

Force GPU rendering Use 2D hardware acceleration in applications.

Window animation scale

Transition animation scale

APPS

Don't keep activities Destroy every activity as soon as the user leaves it.

Background process limit Standard limit.

Show all ANRs Show App Not Responding dialog for background apps.

About phone

About phone includes information about your phone.

Software update Allows you to check for Android system software updates.

Status Shows the Phone number, signal, etc.

Legal information Allows you to view legal information about the software included with your phone

Model number Shows the Model number.

Android version Shows the Android version.

Baseband version Shows the Baseband version.

Kernel version Shows the kernel version.

Build number Shows the build number.

Software version Displays the software information, including Android version, Baseband version, Kernel version, Build version, and SW version.

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.

- 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.

- 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

- 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.

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 Nonlonizing 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 0.813 W/kg and when worn on the body, as described in this user's manual, is 1.04 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 ZNFVS950.

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.

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

DivX Mobile DIVX HD

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx. com for more information on how to complete your registration.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

Dolby Mobile License notice

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

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 device	If my Bluetooth device is connected, can I listen to my music through my 3.5mm wired headphones?	When a Bluetooth device 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 touching 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.
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 Gmail again.
Google Service	Google Account	Is it possible to filter emails?	No, email filtering is not supported via the phone.

| Category	Sub-Category	Question	Answer
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?	You will only be able to see the times for messages received the same day.
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, touch the **Menu Key** ▣ > **Settings** > **Applications** > **Manage applications**. 2. Touch an application > **Move to SD card**.
Phone Function	microSD Card	What is the maximum supported size for a memory card?	32GB memory cards are compatible.
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.

Category	Sub-Category	Question	Answer
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 & Pause functions saved into the number, those functions will not be recognized. 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 touch the **Menu Key**. 3. Touch **Add 2-sec pause** or **Add wait**. 4. Enter the remaining number(s) and continue saving the number as necessary.
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	What should I do if I forgot the Unlock Pattern and I didn't create a Google Account on the phone?	Without entering the Unlock Pattern, you will not be able to access your phone. 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. **How to perform a factory reset:** 1. Turn the power off. 2. Touch and hold the following keys at the same time for 12 seconds: **Power/Lock Key** ⬤ + the down **Volume Key**. 3. Release the keys when you see the screen message "Permanently Erase User Data & Reset Settings?, press the Power Key to confirm and any other key to cancel." 4. Press the **Power/Lock Key** ⬤ to confirm (or press any other key to cancel). When you press the **Power/Lock Key** ⬤ to confirm, a pop-up appears asking "Are you sure you want to continue with erase?". 5. Press the **Power/Lock Key** ⬤ and your phone will be restored to the factory settings. To cancel, press any other key.
Phone Function	Unlock Pattern	How do I create the Unlock Pattern?	1. From the Home Screen, touch the **Menu Key** ▨. 2. Touch **Settings > 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 > **Continue**, draw again > **Confirm**.

Category	Sub-Category	Question	Answer
Phone Function	Speed Dial	Is Speed Dialing supported?	Yes. You can set Speed Dials as well as save a contact directly on your Home screen. To set a Speed Dial: 1. Open the **Contacts** application, then touch the contact you want. 2. Touch the **Menu Key** ▇ > **More** > **Speed dials**. 3. Touch the phone number you want, then touch the Speed Dial to set. To set a Direct Dial shortcut to your Home screen: 1. From the Home Screen, touch the **Menu Key** ▇ > **Add**. 2. Touch **Shortcuts > Direct Dial.** 3. Select a contact from your Contacts List.
Phone Function	Memory	Is it possible to save a picture to the internal memory while taking a picture?	Pictures, along with Music and Video files, cannot be saved to the internal memory. They are saved to your microSD card.
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, touch the **Menu Key** ▇ > **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.

Category	Sub-Category	Question	Answer
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.
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, touch the **Menu Key** ▪. 2. Touch **Settings > Display > Screen timeout**. 3. Touch the preferred screen backlight timeout time.
Phone Function	Wi-Fi & 4G	When Wi-Fi and 4G are both available, which service will my phone use?	When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connectivity on your phone is set to On). However, there will be no notification when your phone switches from one to the other. To know which data connection is being used, use the 4G or Wi-Fi icon at the top of your screen.
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, touch the **Menu Key** ▪. 2. Touch **Settings > Applications > Manage applications**. 3. Touch the application > **Uninstall**.

Category	Sub-Category	Question	Answer
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. Touch the **Menu Key** ▄ > **Settings** > **Storage** > **Mount SD card**
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 Context 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.

Category	Sub-Category	Question	Answer
Recovery Solution	Factory Reset	How do I perform a factory reset?	1. From the Home Screen, touch the **Menu Key** 2. Touch **Settings > Storage > Factory data reset**. NOTE Touch the checkbox to also erase all contents from your microSD card when the phone is 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.
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 12 seconds: **Power/Lock Key** + the down **Volume Key**. 3. Release the keys when you see the screen message "Permanently Erase User Data & Reset Settings?, press the Power Key to confirm and any other key to cancel." 4. Press the **Power/Lock Key** to confirm (or press any other key to cancel). When you press the **Power/Lock Key** to confirm, a pop-up appears asking "Are you sure you want to continue with erase?". 5. Press the **Power/Lock Key** and your phone will be restored to the factory settings. To cancel, press any other key. **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.

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.