



ENGLISH
ESPAÑOL

USER GUIDE

LG **optimus** *QUEST LTE™*

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www.lg.com



ENGLISH

LG optimus QUEST LTE™

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2 Important Messages

IMPORTANT If the account type you want to set up is not in the phone database, you will be asked to enter more details. Contact your email service provider or your company's Exchange Server administrator for your email settings and additional information.

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6 Important Safety Precautions



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



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



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



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

5. Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause a fire or electric shock.



6. Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

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



8. Do not disassemble the phone.

9. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.



10. Do not hold or let the antenna come in contact with your body during a call.



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

12. Store the battery out of reach of children.



13. Be careful that children do not swallow any parts (such as rubber, plugs, earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation resulting in serious injury or death.



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

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



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



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

18. 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.

Your Phone at a Glance

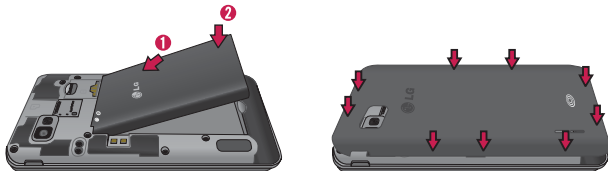
This section gives you all the information you need to set up your phone for the first time.

Set Up Your Phone

You must first install and charge the battery to begin setting up your phone.

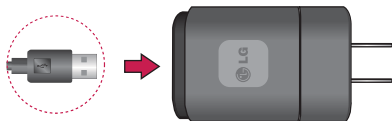
1. Install the battery

- Remove the battery from its packaging.
- Insert the battery into the opening in the back of the phone, making sure the connectors align (see step 1 in the following illustration). Gently press down to secure the battery (see step 2 in the following illustration).
- Position the back cover over the battery compartment and press down until you hear a click (see step 3 in the following illustration). Press and hold the **Power/Lock Button** located at the top left to turn the phone on.



2. Charge your phone.

- Connect the charging adapter and USB cable as shown; the LG logo on the charging adapter should face toward you.








- Plug one end of the USB cable into the phone's Charger/Accessory Port and the other end into an electrical outlet. The charge time varies depending upon the battery level.

NOTE Your phone's battery should have enough charge for the phone to turn on and find a signal, run the setup application, set up voicemail, and make a call. You should fully charge the battery as soon as possible.

3. Press and hold the **Power/Lock Button** to turn the phone on.

Make Your First Call





Once your phone is activated, you can make phone calls.

1. Press  > . (Tap the **Dial** tab, if the screen is not already on the dial screen.)
2. Use the dialpad to enter a phone number.
 - If you enter a wrong number, tap  to erase digits one by one.
 - To erase the entire number, touch and hold .
3. Tap  to dial the number.



NOTE Your phone's battery should have enough charge for your phone to turn on and find a signal, set up your voicemail, and make a call. You should fully charge your battery as soon as possible.

Set Up Your Voicemail

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. Always use a password to protect against unauthorized access.

1. Press  > . (Tap the **Dial** tab, if the screen is not already on the dial screen.)
2. Touch and hold  .
3. Follow the system prompts to:
 - Create your password.
 - Record your name announcement.
 - Record your greeting.

Your phone is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. The topics in this section will introduce the basic functions and features of your phone.

TIP Phone Software Upgrades – Updates to your phone's software may become available from time to time. Press  >  > **System settings** > **System updates**.

Your Phone Overview




The illustrations and descriptions below outline your phone's basic layout.

Front View



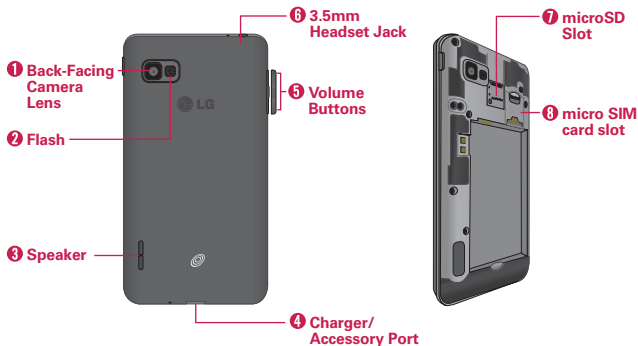
1. **Microphone** allows other callers to hear you clearly when you are speaking to them.
2. **Earpiece** lets you hear the caller and automated prompts.
3. **Status Bar** provides information about your phone's status and options, such as signal strength, roaming, ringer setting, messaging, and battery charge. The Status Bar 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.
4. **Touchscreen** displays all the information needed to operate your phone, such as the applications, call status, the Contacts list, the date and time, and the signal and battery strength.
5. **Contacts Key** launches the Contacts.
6. **Phone Key** displays the dialpad so you can dial a number. It also provides additional tabs to access **Call logs**, **Contacts**, and your **Favorites**.
7. **Back Key** returns to the previous screen. It also closes pop-up display items such as menus and dialog boxes.
8. **Home Key** returns to the Home screen. If you're already viewing one of extension panes, it opens the central Home screen. Touch and hold to display recently used applications.
9. **Microphone** allows other callers to hear you clearly when you are speaking to them.
10. **Menu Key** allows you to access your phone's main functions menu from the Home screen: **Theme**, **Edit home screens**, **Home screen**

settings, Lock screen settings, App settings, System settings. While using an application, tap to open a list of options available.

11. **Applications Key** opens the Applications screen to view installed applications.
12. **Messaging Key** launches the Messaging application.
13. **Power/Lock Button** locks the screen. Press and hold to open the phone options menu for the following options: **Power off, Power off and restart**, and **Turn on Airplane mode**. You can also quickly switch to Silent mode , Vibration mode  or Sound  mode .
14. **Front-Facing Camera Lens** allows you to take pictures and video of yourself. Also lets you participate in video chats.
15. **Proximity Sensor** senses proximity towards other objects (such as your head) so that touch commands are not accidentally activated during a call.

NOTE Please be careful not to cover the sensors with a protective film, pouch, or a protective case not authorized by LG.

Rear View



1. **Back-Facing Camera Lens** lets you take pictures and record videos.
2. **Flash** helps you take pictures and video in dim lighting.
3. **Speaker** lets you hear the different ringers and sounds. The speaker also lets you hear the caller's voice in speakerphone mode.
4. **Charger/Accessory Port** allows you to connect the phone charger or an optional USB cable.

CAUTION! Inserting an accessory into the incorrect jack may damage the phone.

5. **Volume Buttons** allow you to adjust the ringer and media volumes, or to adjust the in-call volume during a call.

6. **3.5mm Headset Jack** allows you to plug in a headset for convenient, hands-free conversations.


CAUTION! Inserting an accessory into the incorrect jack may damage the phone.

7. **MicroSD Slot**

8. **Micro SIM card slot**

Status Bar



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
















If you have more notifications than can fit in the Status Bar, the  icon prompts you to open the Status Bar to view them all. (See Notifications Panel on page 29.)






The following list identifies the symbols you'll see on your phone's display screen:

Status Icons








Icon	Status
	Signal Strength – Shows your current signal strength (the more bars there are, the stronger the signal is).
	No Service – Your phone cannot find a usable signal.













Icon	Status
	4G Connected – Indicates that 4G data service is available.
	4G In Use – Indicates that 4G data service is in use.
	3G/1x Connected – Indicates that 3G/1x data service is available.
	3G/1x In Use – Indicates that 3G/1x data service is in use.
	Wi-Fi Connected – Indicates that Wi-Fi is in use.
	Bluetooth On – Indicates that Bluetooth is on.
	Bluetooth Connected – Indicates that the phone is connected to a Bluetooth phone.
	GPS On – Indicates that GPS is on.
	GPS Communicating – Indicates that the phone is receiving location data from GPS.
	Airplane Mode – Indicates that the phone is in Airplane Mode.
	Speakerphone On – Indicates that Speakerphone is on.
	Vibrate Mode – Indicates that the ringer volume is set to vibrate and any sounds are silenced.
	Ringer Silenced – Indicates that all sounds are turned off.
	Very Low Battery – Indicates that battery is very low.
	Low Battery – Indicates that battery is low.













Icon	Status
	Battery Drained (40%) – Indicates that battery is partially drained.
	Battery Full – Shows your current battery charge level. (Icon shown is fully charged.)
	Battery Charging – Indicates that battery is charging.
	Unknown Battery – Indicates that an unknown battery is inserted.
	Alarm Clock – Indicates that an alarm is set.

Notification Icons




Icon	Notification
	New Gmail Message – Indicates a new Gmail message.
	New Email – Indicates a new Email message.
	New Text or Multimedia Message – Indicates you have received a new text or multimedia message.
	Problem With Text Or Multimedia Message Delivery – Indicates a text or multimedia message is undeliverable.
	Urgent Text or Multimedia Message - Indicates you have received an urgent text or multimedia message.

Icon	Notification
	New Google Talk Message – Indicates you have received a new Google Talk message.
	New Voicemail – Indicates you have received a new voicemail message.
	Upcoming Event – Alerts you to an upcoming event.
	Data Is Syncing – Application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.
	Problem With Sign-In Or Sync – There has been an issue with your connection to the Google server, or you were not properly signed into your account. In order to use Google application or sync features, you must set up and sign into an active Google Account.
	Full Internal Storage – Indicates that internal storage is full.
	Wi-Fi Networks Available – Indicates that open or secured Wi-Fi networks are available.
	Wi-Fi Direct – Indicates that Wi-Fi Direct is turned on.
	USB Connected – The phone has detected an active USB connection.
	USB Debugging Connected – The phone has detected an active USB connection and is in a USB Debugging mode.
	More Notifications Not Displayed – Indicates that there are more notifications which are not displayed in the Status Bar.
	Call In Progress – Indicates that a call is in progress.

Icon	Notification
	Call In Progress Using Bluetooth Headset – Indicates that a call is in progress using the Bluetooth headset.
	Call Being Forwarded – Indicates that a call is being forwarded.
	Call On Hold – Indicates that a call is on hold.
	Missed Call – Indicates that you have missed calls.
	Uploading Data – Indicates that your phone is uploading data.
	Downloading Data – Indicates that your phone is downloading data.
	Download Finished – Indicates that a download is complete.
	Connected To VPN – Indicates that the phone is connected to a Virtual Private Network.
	Disconnected From VPN – Indicates that the phone is disconnected from the Virtual Private Network.
	Song Is Playing – Indicates that a song is playing.
	Carrier data – Data use threshold approaching or exceeded.
	TTY – Indicates that your phone is operating in TTY mode.

Turn Your Phone On and Off

Turn your phone on and off and wake-up the screen by using the Power/Lock Button .

Turn Your Phone On


► Press and hold the **Power/Lock Button** .

Once your phone is on, it may display “Searching for Service.” When your phone finds a signal, it enters standby mode – the phone’s idle state. At this point, you are ready to begin making and receiving calls.

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. When a signal is found, your phone automatically returns to standby mode.

TIP The Power Save feature conserves your battery power when you are in an area where there is no signal.


Turn Your Phone Off

1. Press and hold the **Power/Lock Button**  for two seconds until you see the Phone options on the display screen.
2. Tap **Power off** and then tap **Yes** to power off the phone.

Your screen remains blank while your phone is off (unless the battery is charging).

Wake Up the Screen

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

1. Press the **Power/Lock Button** . Your lock screen will appear. See Lock Screen on page 99.
2. Swipe the screen to any direction to unlock it. The last screen you were working on opens. (This is the default lock screen.)

Lock and Unlock Your Phone

You can prevent accidental screen touches from activating phone functions by locking your phone.

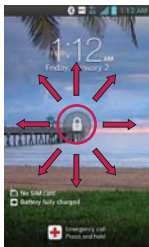
Lock Your Phone

When your phone is locked, you can only receive incoming calls or make calls to 911.

- Press the **Power/Lock Button** .

Unlock Your Phone

1. Press the **Power/Lock Button** to wake up the phone.
2. Swipe the screen to any direction to unlock it.



NOTE The default Lock screen simply locks the screen to prevent unintentional actions. For more security to guard against unauthorized use, you can set an unlock requirement (such as a pattern, PIN, or password) that will need to be entered to unlock it.

Battery and Charger

LG-approved batteries and accessories can be found at or through LG.

WARNING Use only LG-approved batteries and chargers with your phone. The failure to use a LG-approved battery and charger may increase the risk that your phone will overheat, catch fire, or explode, resulting in serious bodily injury, death, or property.

Battery Capacity

Your phone is equipped with a Lithium Ion (Li-Ion) battery. It allows you to recharge your battery before it is fully drained. The battery provides up to 16 hours of continuous digital talk time.

When the battery reaches 5% of its capacity, the battery icon blinks. When there are approximately two minutes of talk time left, the phone can sound an audible alert and then turn off.

NOTE Long backlight settings, searching for service, using vibrate mode, browser use, and other variables may reduce the battery's talk and standby times.

TIP Watch your phone's battery level indicator and charge the battery before it runs out of power.

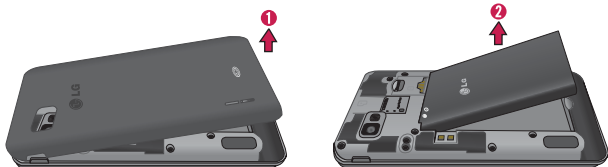
Install the Battery

► See Set Up Your Phone on page 8.

Remove the Battery

1. Make sure the power is turned off so that you don't lose any unsaved items.
2. Lift the back cover using the fingertip cutout located at the bottom of the phone and remove it.
3. Lift the battery using the fingertip cutout and remove it from the phone.

WARNING Do not handle a damaged or leaking Li-Ion battery as you can be burned.

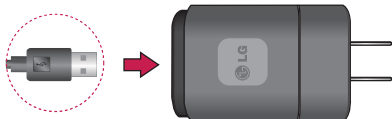


Charge the Battery

Keeping track of your battery's charge is important. If your battery level becomes too low, your phone automatically turns off and you will lose any information you were just working on.

Always use a LG-approved desktop charger, travel charger, or vehicle power adapter to charge your battery.

1. Connect the charging adapter and USB cable as shown; the LG logo on the charging adapter should face toward you.



2. Plug one end of the USB cable into the phone's Charger/Accessory Port and the other end into an electrical outlet. The charge time varies depending upon the battery level.

Battery Temperature Protection

Though extremely rare, if the battery becomes overheated, the phone will automatically turn off.

Charge with USB

You can use your computer to charge your phone. To be able to charge with the USB cable, you need to install the necessary USB drivers on your computer first. Connect one end of the USB cable to the Charger/Accessory Port on your phone and connect the other end to a USB port on

your computer. It is best to use the rear USB port when connecting to a desktop computer. The USB hub should be powered by an external power source.

NOTE Low-power USB ports are not supported, such as the USB port on your keyboard or bus-powered USB hub.

The LG USB Driver is downloadable from the following site: <http://www.lg.com/us/> > Select **SUPPORT**. In the Search box next to SEARCH PRODUCT SUPPORT, enter the model name or name and click **SEARCH**. Click the model. On the PRODUCT SUPPORT page, click on **Software Update & Drivers**.

Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

Extend Your 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.

- Reduce your Backlight On time.
- Turn Bluetooth off when not in use.
- Turn Wi-Fi off when not in use.
- Deactivate the GPS when not needed. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.)
- Do not wait until your battery is completely depleted before charging your phone. Repeating this process of a complete discharge and recharge can over time reduce the storage capacity of any battery.
- Turn off Automatic application sync.

- Use the Power Control Widget to deactivate hardware functions such as Wi-Fi, Bluetooth, GPS, Synchronization, or LCD brightness setting.
- Check the Running Services and close any unnecessary applications.



Battery Charge Level

Press  >  > **System settings** > **About phone** > **Battery**.

The battery status (charging or discharging) and level (as a percentage of fully charged) are displayed.

Monitor and Control Battery Use

The Battery use screen shows which applications consume the most battery power. You can also use it to turn off applications that you've downloaded, if they are consuming too much power.


Press  >  > **System settings** > **About phone** > **Battery** > **Battery use**.

Tap any of the listed items for more options.

Phone Function Keys

The LG Optimus Quest LTE comes equipped with three main function keys that can be used on any screen to access added functions.

Menu Key


The Menu Key activates an available menu function for the current screen or application. When on the Home screen, tap  to view the following options:


- **Theme** allows you to change the theme.
- **Edit home screens** allows you to rearrange the Home screen canvases and set the default canvas.
- **Home screen settings** provides direct access to the phone's Home screen settings menu.
- **Lock screen settings** provides direct access to the phone's lock screen settings menu.
- **App settings** provides direct access to the Applications settings menu.
- **System settings** provides quick access to the phone's Settings menu.

Work with Menus

There are two Android menu types, 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, tap .

- Not all applications have Options menus; if you tap  on a screen that has no Options menu, nothing will happen.

Some applications have more Options menu items than can fit in the options menu; tap More to open the additional items.

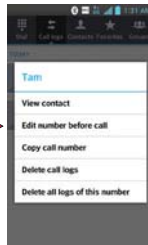


Context menus

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.



Select Menu Items

To select a menu or option, simply tap it. If there are more menus/options than can fit in a screen, slide the screen up to display more menus/options.

For example, to set the phone to play tones when dialing numbers on the dial pad:

1. Press  > .
2. Tap **System settings**.
3. Tap **Sound**.
4. Slide the screen up to display more menus.
5. Tap **Dial pad touch tones** to checkmark it.

For the purposes of this guide, the above steps condense into:

- Press  >  > **System settings** > **Sound** > **Dial pad touch tones**.

Back Up Within a Menu

- Tap  to back up within a menu.

– or –

- Press  to return to the Home screen.

Notifications Panel

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, text appears briefly and the notification icon will be displayed in the Status Bar. For descriptions of the various notification icons, see Status Bar on page 15.

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 the phone may vibrate.

NOTE Adjusting sound volume and other general notifications settings is described in Sound Settings.

Applications whose activities produce notifications, such as Gmail™ and Google Talk™, have their own settings, which you can use to configure whether, and how, they send notifications. See the sections on those applications for details.

Open Notifications

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

The Notifications Panel displays the Quick Settings and a list of your current notifications, organized into ongoing and event-based notifications.

Respond to Notifications

1. Open the Notifications Panel. Your current notifications are listed in the panel, each with a brief description.
2. Tap 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 network disconnect notifications open the list of configured networks so you can reconnect.

Clear Notifications

1. Open the Notifications Panel.

2. Tap  at the top right of the panel.

All event-based notifications will be cleared; ongoing notifications will remain in the list.


Close Notifications

- ▶ Touch and drag the tab at the bottom of the Notifications Panel to the top of the screen.


– or –

- ▶ Tap . (The panel will also close when you tap a notification.)

Home Key

The Home Key takes you back to your default Home screen canvas (of the 7 total available canvases). Press  to access your main Home screen.

Back Key

The Back Key returns you to the previously active screen. If the on-screen keyboard is currently open, the Back Key  closes the keyboard.

Touchscreen Navigation

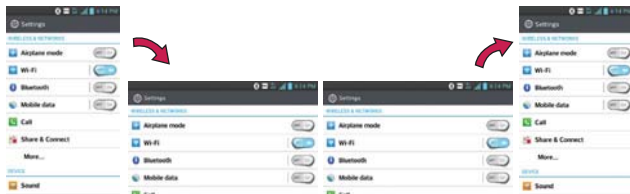
The phone is a touch-sensitive phone which allows you to select an on-screen option with a single touch and to easily scroll through long lists. Simply slide up and down through the display with your fingertip.

Your touchscreen provides an excellent way to interact with and use your Android phone. With the touch of your finger, you can access 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:

- **Tap:** A single finger tap selects items, links, shortcuts and letters on the on-screen keyboard.
- **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 contact's available options, touch and hold the contact in the Contacts list until the context menu opens.
- **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, as described in *Change the Phone's Wallpaper*, or drag the Notifications Panel open, as described in *Notifications Panel*.
- **Swipe or slide:** To swipe or slide, quickly move your finger across the surface of the screen, without pausing when you first touch it (so you don't drag an item instead). For example, you can slide the screen up or down to scroll through a list, or browse through the different Home screens by swiping from left to right (and vice versa).
- **Double-tap:** Double-tap to zoom on a web page or a map. For example, quickly double-tap a section of a web page to adjust that section to fit the width of the screen. You can also double-tap to zoom in and out when taking a picture (using the Camera), and when using Maps.


- **Pinch-to-Zoom:** Use your index finger and thumb in a pinch or spread motion to zoom in or out when using the Browser, Maps, or browsing pictures.
- **Rotate the screen:** From many applications and menus, the orientation of the screen adjusts to the phone's physical orientation. (See Change the Screen Orientation on page 48.)



Rotate the device counter-clockwise for landscape orientation.

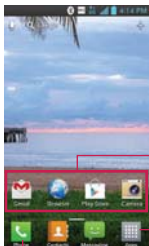
Rotate the device clockwise for portrait orientation.

Your Home Screen

The Home screen is the starting point for many applications and functions, and it allows you to add items like application shortcuts, or Google widgets to give you instant access to information and applications. This is the default canvas and accessible from any menu by pressing .

Home Screen

On the Home screen, you can view Quick Keys at the bottom of the screen. The Quick Keys and application icons provide easy, one-tap access to the functions you use the most.



Status Bar

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

Application Icons

Tap an icon (application, folder, etc.) to open and use it.

Applications Key

Tap to open the Applications screen to view installed applications.

Phone Key

Tap to open the dial pad. Also provides additional tabs to access Call logs, Contacts, and your Favorites.

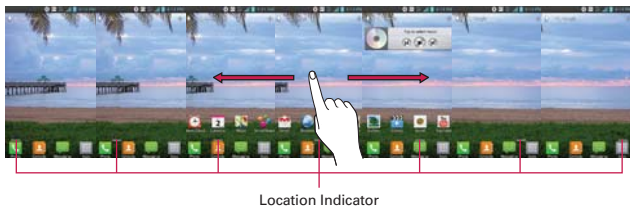
To return to the Home screen:

- Press  at any time, from any application

Extended Home Screen

The operating system provides multiple Home screen canvases to provide more space for adding icons, widgets, and more.

- Slide your finger left or right across the Home screen. The default canvas is in the center with three extension canvases on either side of it. (For more information on sliding, see Touchscreen Navigation on page 31.)





The white bar at the bottom of the screen indicates which Home screen canvas you are viewing.

Use the Applications Key

All of your phone's applications are located within the Applications screen. This key accesses shortcuts to your currently available applications.

NOTE The Applications screen houses all default and downloaded applications (installed from Play Store).

1. Press  >  to open the Applications screen.

- To close the Applications screen, press .
2. Scroll left or right through the list and tap an icon to launch the associated application.

Applications: How to View, Open and Switch

All of the applications on your phone, including any applications that you downloaded and installed from Play Store™ or other sources, are grouped together on one Applications screen that you access from your Home screen. If you have more applications than you can currently see on the Applications screen, slide the screen left or right to view more.

The Applications screen contains all of the phone's applications (though not downloaded widgets and other downloaded material that isn't an application), including the Alarm/Clock, Browser, Calculator, Camera, Play Store, YouTube, Voice Search, and much more.



Home screen

Tap an application icon to open the application.

Slide the screen left or right to bring more icons into view.

Tap to open the Applications screen.



Applications screen

Open the Applications Screen

- Tap .

Close the Applications Screen

- Press .

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

Open and Switch Applications


Multi-tasking is easy with Android™. Opened applications can keep running in the background when you open another application. There's no need to quit an application before opening another. You can easily switch among several open applications. Android manages each application, pausing and starting them as needed to ensure that unused applications don't waste your phone's resources.

To open an application:

- Simply tap its icon on the screen.

TIP You can customize your Home screen with shortcuts to the applications you use most often. Applications are located on the Applications screen, but you can add an application shortcut to your Home screen for faster access. No matter where the icon is, on the Applications screen or your Home screen, just tap it to open and use it. See Add Application Icons to the Home Screen on page 38 for more information.

To open multiple applications:


1. Tap an application icon to open it.
2. Press .

3. Tap  and tap the icon for the other application you want to open.

– or –

Simply tap the icon if the application you want is already on your Home screen.

To switch between multiple applications:

1. Press and hold . A list of previews of applications that you've used recently is displayed.
2. Tap the application icon you want to open.



– or –

Tap  to return to the current application.

NOTE Swipe any application preview to remove it from the recently used apps screen.











Add Application Icons to the Home Screen














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













1. Press  > .
2. Touch and hold the application icon you want to add to your Home screen.
3. Lift your finger to place the app on your Home screen, or drag the icon to where you want it on the screen, then lift your finger.








Applications

The following is a listing of the default applications available on your phone.

Icon	Description
	Alarm/Clock – Access the Alarm/Clock application.
	Application Manager – Allows you to uninstall applications.
	Backup – Allows you to perform backup and restore data on the phone into internal storage or external storage (Backup data: All Component on Home Screen, Pims, Pre-loaded/Downloaded Apps, System settings.)
	Browser – Launches the Internet browser.
	Calculator – Launches the Calculator application.
	Calendar – Launches the Calendar application that can sync to either your Google or Outlook® work calendar. Events can only be synced to a managed account.
	Camera – Launches the Camera.
	Chrome – Launches the Chrome web browser.
	Contacts – Displays the Contacts that can be synchronized with your phone from either your Google or Outlook account. Contacts can only be synced to a managed account.
	Downloads – Launches the Downloads application where you can view, reopen, or delete what you've downloaded.

Icon	Description
	Email – Provides access your POP3, IMAP, and Exchange Server (Outlook) email accounts. Also provides access to your Gmail account.
	File Manager – Allows you to manage files.
	FileShare – Allows you to share multimedia files and documents to other phones via Wi-Fi Direct.
	Gallery – Displays a Gallery of camera images and video saved on your phone.
	Gmail – Provides access to your Gmail account.
	Google – Displays the Quick Search Box to search for a key term both on your phone and the web.
	Google+ – Share and keep up with all the different people in your life.
	Local – Allows you to discover and share places using the location-based service.
	Maps – Launches a dynamic map that helps you find local businesses, locate friends, view maps and get driving directions.
	Memo – Allows you to write a memo.
	Messaging – Provides access to your text and multimedia messages.
	Messenger – Helps you keep in touch with Google+ Messenger.
	Music – Launches the Music Player.

Icon	Description
	Navigation – Launches the GPS Navigation feature on your phone, allowing you to get quick turn-by-turn directions.
	Phone – Accesses the phone keypad.
	Play Books – Allows you to purchase and download ebooks from Play Store.
	Play Magazines – Allows you to purchase and download emagazines from Play Store.
	Play Movies & TV – Allows you to rent and view videos.
	Play Music – Launches the Google Play Music Player.
	Play Store – Browse, search for, and download applications on the Play Store.
	Polaris Viewer 4.0 – Launches the Polaris Office application so that you can view, create, and edit document files on your phone.
	Settings – Accesses the phone's Settings menu.
	SmartShare – Launches SmartShare application that helps you to easily share and find pictures, music and videos between DLNA certified phones.
	Talk – Launches the Google Talk application that lets you chat with family and friends over the Internet for free.
	Task Manager – Allows you to view running applications, memory usage of them, and stop running or uninstall applications.

Icon	Description
	Tasks – Allows you to create a task and to synchronize with MS Exchange account.
	Video Wiz – Launches the Video Wiz application so you can create your own video using recorded videos and pictures you've taken.
	Videos – Allows you to view videos.
	Voice Dialer – Launches the Voice Dialer application.
	Voice Recorder – Launches your phone's speech recognition software and initiates a Google search based on the recognized speech.
	Voice Search – Launches Voicemail.
	YouTube – Launches the YouTube application.

NOTE The Email application can access both Exchange Server-based email (such as Work email) and other Internet-based email providers such as Yahoo! and Gmail.

Customize Your Home Screen



You can customize your Home screen when you do the following.

- Create Shortcuts
- Add Widgets
- Create Contact shortcuts
- Change the Background (Wallpaper)
- Customize Application Icons

Create Shortcuts

Shortcuts are different from the Home screen Widgets. Shortcuts can access a specific contact, activate a feature, action, or launch an application.


To add a shortcut from the Applications screen:

1. Press  to access the Home screen.
2. Select a location (screen) for your new shortcut by scrolling across your available screens until you reach the desired one.
3. Tap  to reveal all your current applications. By default, the applications are listed in a grid view.
4. Scroll through the list and locate your desired application.
5. Touch and hold the on-screen icon. This creates an immediate shortcut of the selected icon and closes the Applications screen. The new shortcut then appears to hover over the Home screen.



NOTE The same shortcut can be added to any of the available screens (Home or Extended).
The application you add to the screen will still appear within the Applications screen.

6. While holding the on-screen icon, position it on the current screen. Once complete, release the screen to lock the shortcut into its new position.

To add a shortcut via the Home screen:

1. Press  to access the Home screen.
2. Touch and hold on an empty area of the screen.
3. Tap either **Apps**, **Downloads**, **Widgets**, or **Wallpapers**.
4. Touch and hold a selection from the list and drag it to your Home screen.


To delete a shortcut:

1. Press  to access the Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon over **Remove**  and release it.


Add and Remove Widgets on the Home Screen

Widgets are self-contained applications that can be accessed through your Applications screen or on the Home or Extended screens. Unlike a shortcut, this Widget appears as an on-screen application.

To add a Widget:

1. Press  to access the Home screen.
2. Touch and hold on an empty area of the screen.
3. Tap the **Widgets** tab.
4. Touch and hold an available Widget and drag it to your current screen.

To remove a Widget:


1. Go to the Home screen on which the widget is located.
2. Touch and hold the widget. This unlocks it from its location on the current screen.
3. Drag the widget over **Remove**  and release it.
 - This action does not delete the Widget. It just removes it from the current screen.

To place a Widget onto a different screen:

1. Touch and hold the widget you want to move.
2. Drag the widget to the edge of the screen (the left side if moving to a screen located on the left, right side if moving to a screen located on the right).
3. After about one second, the current screen will change. Repeat until you get to the desired screen.

Change the Phone's Wallpaper

You can select and assign your phone's background wallpaper.

1. From the Home screen, tap  > **Home screen settings** > **Wallpaper**.


– or –

Touch and hold an empty spot on the Home screen, then tap the **Wallpapers** tab.

2. Tap **Gallery**, **ID wallpapers**, **Live wallpapers**, or **Wallpaper gallery**.
 - **Gallery** to use a picture saved on your phone as a wallpaper. You can crop the picture before setting it as a wallpaper.
 - **Live Wallpapers** to open a list of animated wallpapers installed on your phone. Live wallpapers can be animated or even interactive. More Live wallpapers are available on Play Store.
 - **Wallpaper gallery** to open a screen of wallpaper images saved on your phone. Slide the thumbnail images left and right to view the available images.
3. Tap **Set wallpaper** or **OK**.

Customize Applications Icons on the Home screen

You can customize each application icon on the Home screen.

1. Touch and hold an application icon until it's unlocked from its current position. Then drop it on the screen. The editing icon  will appear in the upper right corner of the application.



2. Tap the application icon again and select the a desired icon design.


– or –

Tap **Create photo icon** to take a new picture or select a picture from the Gallery.




Access Recently-Used Applications

Your phone keeps a running list of your most recently used applications.

1. Press and hold  to open the recently-used applications window.
2. Tap an icon to open the related application.

Home Screen Clean View

You can see the wallpaper without items on the Home screen by pinching out. Pinch in or tap  to see applications and widgets again.





Change the Screen Orientation

This phone is capable of changing the orientation of screen content when the orientation of the phone itself has changed. The phone's built-in accelerometer senses movement and changes its angle/orientation. Note that some of the screens, applications and widgets do not support orientation changes.

The automatic screen orientation feature can be manually enabled to change the orientation for all enabled screens when rotation is detected.

NOTE An example of a screen that automatically re-ori-ents by moving the phone is the Messaging screen. This only requires you turn the phone to a horizontal position.

1. Press  >  > **System settings** > **Display**.
2. Tap **Auto-rotate screen** to enable (a blue checkmark displays) or disable the screen auto-rotation.

Enter Text

You can enter text using Google voice typing, LG Keyboard input methods. While entering text, you will see  on the status bar.

To change the input method:

1. Pull down the status bar to open the notifications panel.
2. Tap **Choose input method** and select the desired one.

Google Voice Typing

Google voice typing uses Google voice recognition to convert speech to text.

1. Pull down the status bar and tap **Choose input method > Google voice typing**.

- or -




Tap  on the keyboard.

2. Speak into the phone's microphone and watch your text being entered on screen.
3. If the text is incorrect, tap the word and correct it.

LG Keyboard

QWERTY keyboard, Phone keyboard, and Handwriting are available.

To change the keyboard:

1. While entering text, you will see  on the status bar. Pull down the status bar to open the notifications panel.
2. Tap **Input language and type > **.
3. Tap the desired keyboard and tap  repeatedly to go back to the entry screen.

QWERTY keyboard

Letters Entry Keyboard



Shift Key

Tap once to capitalize the next letter you type. Tap again to turn on CAPS lock. And tap again to turn off CAPS lock.

Numbers and Symbols

Tap to change input to number and symbol entry.

Language Key

Tap to change the keyboard layout language.

Delete Key

Tap to delete characters to the left of the cursor.

Enter Key

Tap to move to a new line of text.

Space Key

Tap to enter space.

Voice to Text/ More Key

Tap to enter text by voice. Touch and hold to see more keys: Handwriting and Settings.

Numbers and Symbols Entry Keyboard



Alt Key

Tap to access additional symbols until you see the one you want.

Numbers and Symbols

Tap to change input to letters entry.

Language Key

Tap to change the keyboard layout language.

Delete Key

Tap to delete characters to the left of the cursor.

Enter Key

Tap to move to a new line of text.



Space Key

Tap to enter space.


Voice to Text/ More Key

Tap to enter text by voice. Touch and hold to see more keys: Handwriting and Settings.


1. Tap a text field where you want to enter text.
2. Enter the desired text.

- To enter numbers or symbols, tap .
- To enter letters again, tap .

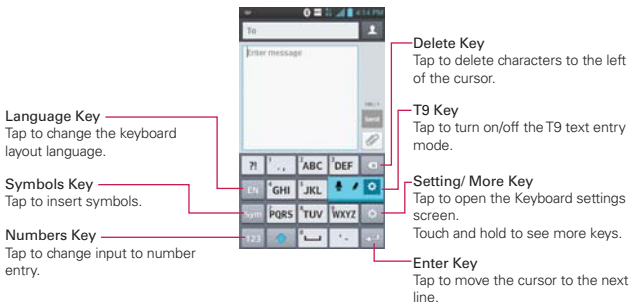
NOTE If you do not want the screen to change orientations automatically, uncheck the Auto-rotate screen. Press  >  > **System settings** > **Display** and deselect **Auto-rotate screen**.

3. When you have finished typing, tap  to close the keyboard.

Phone keyboard

To enter text, tap the key labeled with the desired letter until it appears on the screen. For example, tap  once for “a”, twice for “b”, or three times for “c”.

Letters Entry Keyboard



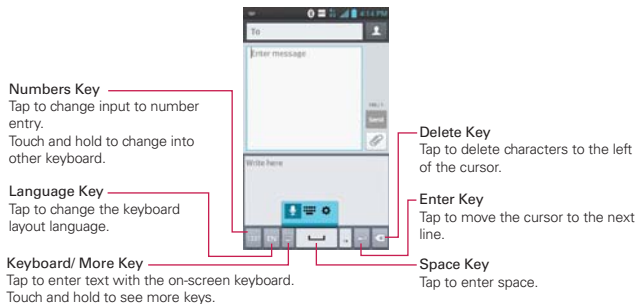
Numbers Entry Keyboard



Handwriting

Write the text with your fingertip. The touchscreen converts your movements into characters.

Letters Entry Keyboard



Tips for Editing Text

Your phone gives you many options to make entering text easier, including copying, cutting, and pasting text, using voice-to-text input, customizing the user dictionary, using predictive text, and more.

To cut/copy and paste:


1. Touch and hold a word to highlight it.
2. Drag the blue highlight markers to highlight the text you want.
– or –
To select all the text, tap **Select all** in the context menu.
 - To cancel the selection, simply tap unselected text or empty area.
3. Tap **Cut** or **Copy** in the context menu.
4. Place the cursor on the location where you want to paste the text.
5. Touch and hold the text field and tap **Paste**. The text that you pasted also remains in the phone's memory (temporarily), so you can paste that same text in another location.

Search 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

You can search on your phone and on the web by entering text.

1. From the Home screen, touch and hold . The Quick Search Box will open automatically.

– or –

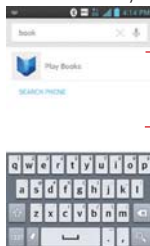
From the Home screen, tap the Search Widget . (For information on how to add widget, see Add and Remove Widgets on the Home Screen on page 44.)




Voice Search
Tap to search by voice.

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

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



As you type, search results from your device, previous search terms, and Web search suggestions appear. Tap an item to search for that term.

- You can use the Search preferences to configure some aspects of Google web search (for example, whether it makes suggestions below the Quick Search Box as you type), and what phone features you want to include in searches. To access these settings, tap >  **Settings**.

3. Tap  to search for the entered text.

– or –

If what you want to search for appears in the suggestions list, tap that item to conduct the search.

4. If the phone asks you to select which browser to use, tap your preference. Then, tap **Always** to keep this preference setting.

Phone and Web Search Using Voice Command

You can search on your phone and on the web by voice command.

► Touch and hold . Then, tap .


– or –

Tap  from the Search Widget.

When you stop speaking, Google Search by Voice analyzes your speech and displays the results of your search.

The available Voice Commands are:

- Say “**Directions to,**” followed by an address, name, business name, type of business, or other destination, to get directions to that location from Google Maps™
- Say “**Navigate to,**” followed by an address, name, business name, type of business, or other destination to get spoken, turn-by-turn directions to that destination.
- Say “**Map of,**” followed by an address, name, business name, type of business, or other location, to view that location on Google Maps.
- For additional commands, tap **Help**.





For more information on Google Search, tap  > **Help**, from the Google search screen.

Make Phone Calls

There are several convenient ways to place calls from your phone.

Call Using the Phone Dialer


The most “traditional” way to place a call is by using the phone’s dialer screen.

1. Press .
2. Enter a phone number using the on-screen dialpad and tap .
 - If you enter a wrong number, tap  to erase digits one by one.
 - To erase the entire number, touch and hold .




55



- You can open other applications during a call. The  will appear in the Status Bar while the call is underway.
- Press the Up/Down Volume Buttons to adjust the call volume.

- Use the on-screen buttons to add another call, put a call on hold, to use the speakerphone, and for other options, as described in In-Call Options.

3. Tap  to end the call.

TIP To redial your last outgoing call, follow step 1 to access the Dialer, tap the **Call logs** tab, locate the call entry and tap .

You can also make calls from your Contacts list, from the Call logs, and using Voice Command.

Dialing Options


After entering numbers with the dialpad, you can use the following dialing options.


Tap  to view the following options:

- **Add to Contacts:** Tap to add the entered number as a new contact or to an existing contact entry. (See *Save a Phone Number* on page 75.)
- **Speed dial:** Tap to access the speed dials list. (See *Set Up Speed Dialing* on page 72.)
- **Add 2-sec pause:** Enter digits and select this option to introduce a two-second pause before the following sequence of digits is dialed by the phone. (See *Dial and Save Phone Numbers With Pauses* on page 61.)
- **Add wait:** Enter digits and select this option to have the phone dial the preceding set of digits first, and then dial the following sequence of digits when you tap **Yes** on the pop-up screen. (See *Dial and Save Phone Numbers With Pauses* on page 61.)

- **Edit tabs:** Tap to choose which tabs are displayed when accessing the dial pad or rearrange the order.
- **Call settings:** Tap to access the Call settings screen. (See Call Settings on page 81.)

Missed Call Notification

A missed call icon displays when you do not answer a call. When you do not answer an incoming call,  is displayed in the Status Bar.





1. Touch and drag the Status Bar to the bottom of the screen to open the Notification Panel.
2. Tap the missed call notification. The **Call logs** screen will be displayed. To dial the phone number, tap .

Call Emergency Numbers

You can place calls to 911 even if the phone's screen is locked or your account is restricted.







NOTE When you place an emergency call, your phone automatically enters Emergency mode.

To call the 911 emergency number when the phone's screen is locked with a screen lock:

1. Unlock the screen. For more information, see Wake Up the Screen on page 21.
 2. Tap    .
- or –
1. Touch and hold on the lock screen.

2. Tap .

To call the 911 emergency number normally or when your account is restricted:

1. Unlock the screen. For more information, see Wake Up the Screen on page 21.
2. Press  > .
3. Tap    .

Enhanced 911 (E911) Information

This phone features an embedded Global Positioning System (GPS) chip necessary for utilizing E911 emergency location services where available. When you place an emergency 911 call, the GPS feature of your phone seeks information to calculate your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

IMPORTANT Always report your location to the 911 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs) may not be equipped to receive GPS location information from your phone.

In-Call Options

Once you initiate a call, you will see these on-screen options.

- **Add call** to initiate a 3-way call.
- **End** to end the call.

- **Dialpad** to display the dialpad.
- **Bluetooth** (Only available when a Bluetooth headset is connected to your phone) to conduct the call via the Bluetooth headset for hands-free conversation. For details about pairing the phone with a Bluetooth headset, see [Pairing Bluetooth Devices](#) on page 224.

NOTE When using the Bluetooth headset during a call, the Ongoing Call notification icon is blue in the Status Bar.

- **Mute** to mute the microphone during a call. The Mute button lights up to indicate the microphone is muted. To unmute the microphone, tap **Mute** again.
- **Speaker** to turn the speakerphone on or off. The Speaker button lights up to indicate that the speakerphone is on.

WARNING: Because of higher volume levels, do not place the phone near your ear while using the speakerphone.

Dial and Save Phone Numbers With Pauses



You can dial or save phone numbers with pauses for use with automated systems, such as voicemail or credit card billing numbers.

There are two types of pauses available on your phone:

- **2-Second Pause** automatically sends the next set of numbers after two seconds.
- **Hard Pause (Wait)** sends the next set of numbers when you tap **Yes** on the pop-up.

NOTE You can have multiple pauses in a phone number and combine two-second and hard pauses.

To dial or save phone numbers with pauses:

1. Enter the phone number.
2. Tap  > Add 2-sec pause or Add wait.
3. Enter the additional numbers.
4. Tap  to dial the number.

– or –

Tap  > **Add to Contacts** to save the number in your Contacts.

NOTE When dialing a number with a hard pause (Wait), tap **Yes** on the pop-up to send the next set of numbers.

Dial From the Contacts List

You can dial directly from your Contacts list.

1. Press  >  > **Contacts**.

– or –

Press  >  >  **Contacts**.

2. Find a contact to call and tap it to open its entry, then tap .

Use Direct Dialing

With Direct Dialing, you are able to directly save a contact to your Home screen.

1. Touch and hold an empty area on a Home screen.



2. Tap the **Widgets** tab.
3. Scroll right and tap **Direct dial**.
4. Tap a contact from your Contacts List. The contact will appear on your Home screen.

To use Direct Dial:

- Simply tap the contact on the Home screen.

Plus (+) Code Dialing



When placing international calls, Plus Code Dialing automatically enters the international access code for your location (for example, 011 for international calls made from the U.S.).

1. In the Dial screen, touch and hold  until you see a “+” on the display screen.
2. Dial the country code and phone number and then tap . The phone automatically prepends the access code for international dialing, followed by the country code and phone number.

Receive Phone Calls

When you receive a phone call, the Incoming Call screen opens with the caller ID and any other available information (such as the caller’s name, if saved in the Contact’s list). The most recent incoming calls are recorded in the Call logs. (See Call Logs on page 72.)

Answer an Incoming Call



- ▶ If the screen is locked, swipe  in any direction.
- ▶ If the screen is unlocked, tap  to answer the call.

If you were already on a call, the first call is placed on hold while you answer the new call. To silence the ringer of an incoming call, press the down Volume Key.

Your phone notifies you of incoming calls in the following ways:

- The phone rings or vibrates.
- The backlight illuminates.
- The screen displays an incoming call message.

Reject an Incoming Call

- ▶ If the screen is locked, swipe  in any direction.
- ▶ If the screen is unlocked, tap  to decline the call.

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

End a Call

- ▶ Tap .

– or –

If you opened other applications while on a call:




- ▶ Open the Notifications Panel.

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

2. Tap **Current call** to redisplay the phone application.
3. Tap .

Voicemail

Set Up Voicemail

1. Press  > .
2. Touch and hold  to dial your voicemail number.
3. Follow the system prompts to:
 - Create your password.
 - Record your name announcement.
 - Record your greeting.

Voicemail Notification




There are several ways your phone alerts you to a new voicemail message.

- By sounding the assigned ringer type.
- By displaying within the Notifications area of the Status Bar when a single new unheard voicemail message is received.
- By displaying within the Notifications area of the Status Bar when multiple new unheard voicemail messages have been received.



Retrieve Your Voicemail Messages

You can review your messages directly from your wireless phone (using either traditional voicemail or Visual Voicemail) or from any other touch-tone phone.

Use Traditional Voicemail to Access Your Messages


1. Press  > .
2. Touch and hold . If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

Use Visual Voicemail to Access Your Messages

1. Press  >  > **Voicemail**.
2. Tap an entry to listen to the message.

NOTE You are charged for airtime minutes when you are accessing your voicemail from your wireless phone.

Use Another Phone to Access Messages







1. Dial your wireless phone number.
2. When your voicemail answers, tap the asterisk key on the phone ().
3. Enter your password.

Phone Call Options

Your phone application provides many useful features and options to help you make the most of your calling experience.

Caller ID

Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. Press  >  (Tap the **Dial** tab if necessary).
2. Tap   .
3. Enter a phone number and tap .

Call Waiting

When you're on a call, Call Waiting alerts you of incoming calls by sounding a beep instead of a ring. Your phone's screen informs you that another call is coming in and displays the caller's phone number (if it is available).




To respond to an incoming call while you're on a call:

- ▶ Before accepting the incoming call, tap and drag one of the following on-screen options:
- **Answer** to answer the new call. The first caller is placed on hold.
- **Decline** to send the call to your voicemail box.

To switch back to the first caller:






- ▶ From the In-Call options screen, tap **Swap**.

TIP

For those calls where you don't want to be interrupted, you can temporarily disable Call Waiting by pressing    before placing your call. Call Waiting is automatically reactivated once you end the call.

3-way Calling



With 3-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.





1. Press  >  (Tap the **Dial** tab if necessary).
2. Make your call to the first recipient.
3. Once you have established the connection, tap **Add call** .
4. Enter the second caller's phone number and tap  or select a number from your Contacts. (Your first call is automatically put on hold.)
5. When you're connected to the second party, tap **Merge calls**  to combine both calls into a single 3-way call. If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

Call Forwarding








Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when you have activated Call Forwarding.

Activate Call Forwarding

1. Press  >  (Tap the **Dial** tab if necessary).

2. Tap   .
3. Enter the area code and phone number to which you want your calls forwarded.
4. Tap . You will hear a tone to confirm the activation of Call Forwarding and the call will end.

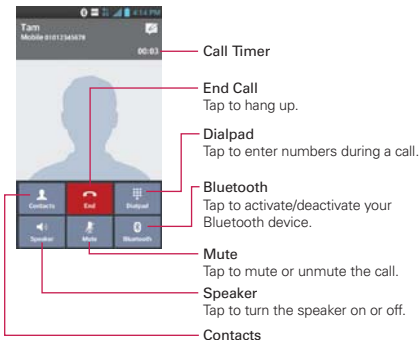
Deactivate Call Forwarding

1. Press  >  (Tap the **Dial** tab if necessary).
2. Tap     . You will hear a tone to confirm the deactivation and the call will end.

NOTE You are charged a higher rate for calls you have forwarded.

In-call Options


While you're on a call, you will see a number of onscreen options. Tap an option to select it.




- **Add** call to initiate a 3-way call.
- **End** to end the current call.
- **Dialpad** to display the dialpad to enter additional numbers, for example, an extension or access code.
 - For example: When you call your bank's 800 number, use your dialpad to enter your account number and PIN.
- **Speaker** to route the phone's audio through the speaker (On) or through the earpiece (Off).


- Activate the speaker to route the phone's audio through the speaker. (You can adjust the speaker volume using the volume buttons.)
- Deactivate the speaker to use the phone's earpiece.

WARNING Because of higher volume levels, do not place the phone near your ear during speakerphone use.

- **Mute** to mute the microphone during an active call. Tap again to unmute the microphone.
- **Bluetooth** (Only available when a Bluetooth headset is connected to your phone) to route the phone's audio through a connected Bluetooth headset (On) or through the speaker (Off). For details about pairing the phone with a Bluetooth headset, see Pairing Bluetooth Devices on page 224.
- When the call is routed to a Bluetooth headset, the current call area shows the Bluetooth call icon .

NOTE The Headset button is activated to show the current call is routed to the connected Bluetooth headset.

- To route the current call back to the phone, tap Bluetooth to temporarily use the phone. Tap it again to route the call back to the connected Bluetooth headset.
- When Bluetooth or the Bluetooth headset is turned off, the call is routed through either the earpiece or speaker and shows .

Tap  during a call to display a list of additional in-call features. Tap an option to select it.




- **Contacts:** Display your contacts list.

- **Memo:** Create a new memo while remaining on the call.
- **Messaging:** Opens the Messaging screen.

Set Up Speed Dialing

Your phone can store up to 99 phone numbers in speed dial locations.

To assign a speed dial number to a contact:

1. Press  >  > **Contacts** tab.
2. Touch and hold the contact whose phone number you want to store speed dial locations.
3. Tap **Edit contact**.
4. Tap .
5. Tap a desired speed dial location number from 2 to 99.
6. Tap **Save**.

NOTE If you assign a number to an already in-use speed dial location, you will be prompted to confirm that you want to replace the previous speed dial assignment.

Call Logs

The Call Logs tab of the phone application lists all recent incoming, outgoing, and missed calls. It offers a convenient way to redial a number, return a call, or add a number to your Contacts.

Open the Call Logs





- Press  >  > **Call logs**.

Calls are listed in the Call logs tab, the most recent calls are located at the top of the list. Scroll down to see older entries.

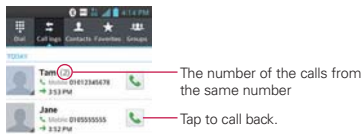
NOTE Call logs record only calls that occur while the phone is turned on. If a call is received while your phone is turned off, it will not be included in the call logs. If you return a call from the voicemail menu, it will not be included in your phone's Call logs.

Call Logs Options

Tap an entry to view the date and time of the call and call duration. The following options are available:

-  to make a call.
-  to send a text message.
-  to add an entry's number to your Contacts.
-  to view the contact entry.

If several calls were made to one number or received by one number, the calls are displayed as one entry. When you tap this entry, the individual call logs are opened.



You can also touch and hold the entry to open a menu with more options, to communicate with that contact in other ways.

- **Add to Contacts** (for entries not saved in Contacts) to save the number to Contacts.
- **View contact** (for entries saved in Contacts) to view contact information.
- **Edit number before call** to edit a number before you redial.
- **Copy call number** to copy the call number.
- **Delete call logs** to delete all the call logs.
- **Delete all logs** of this number to delete all the logs of this number only.

Make a Call From the Call Logs

- From the Call logs tap  at the right of the entry.

Save a Number From the Call Logs

1. Touch and hold an entry and tap **Add to Contacts**.
2. Tap **Create new contact**.

– or –

Search for an existing contact name and tap an existing contact to add the new number to that existing contact.


3. Enter as much information as you want. (For more information about creating and editing contacts, see Contacts on page 117.)

NOTE You cannot save phone numbers already in your Contacts or from calls identified as **No ID** or **Restricted**.


Prepend a Number From the Call Logs

If you need to make a call from the Call logs and you are outside your local

area code, you can add the appropriate prefix by prepending the number.

1. Touch and hold an entry and tap **Edit number before call**.
2. Tap the area immediately to the left of the phone number and enter the prefix.
3. Tap  to call the number.

– or –

Tap  > **Add to Contacts** > **Create new contact** to save the amended number in your Contacts.

Clear the Call Logs





1. From the Call logs, tap  > **Delete all**.
2. If you are certain you want to clear the Call logs, tap **Yes**.

– or –

Tap **No**.

Save a Phone Number

You can store phone numbers and contact entries in your phone. You can also synchronize them with your Google™ Account, Microsoft Exchange account, or other accounts that support syncing contacts. (For more information, see Contacts on page 117.)

1. Press  > .
2. Enter a phone number and tap **Add to Contacts**  or  > **Add to Contacts**.

3. Tap **Create new contact**.




– or –

Search for an existing contact name and tap an existing contact to add the new number to that existing contact.

For more information about creating and editing contacts, see *Contacts* on page 117.

Find a Phone Number

Your contacts are displayed alphabetically in a list. It is easy to search for a contact by name.

1. Press  >  > **Contacts** tab.
2. Scroll and search for the contact or start entering the name of the contact you're searching for in the Search field. As you type, contacts with matching names will appear above the keyboard. You can also scroll using the letters along the right side of the screen.
3. Tap a matching contact in the list to open its entry. To dial a number, tap .

Voice Command

You can use your phone's automatic speech recognition (ASR) software, called Voice Command, to dial a phone number in your Contacts or to launch Phone functions without having to go through the phone menus. All you have to do is to talk into the phone, and ASR will recognize your voice and complete tasks by itself.

NOTE The Voice Control (Speech-to-Action) feature will not launch if you are currently in an active menu.

Activate Voice Command

► Press  >  >  Voice Dialer.




The screen displays “Say a command” and the phone prompts you to say the name of the command you want to use. To complete your task, simply follow the voice prompts or touch an on-screen option.

Available ASR commands include:

- **Call** <Name> to call an entry in your Contact List. (See Make a Voice Call With Voice Command on page 77.)
- **Call** <#> to call a spoken phone number.
- **Redial** to redial the last phone number.
- **Redial** to call back the last Contact you dialed.
- **Open App** to jump directly to menu items or applications. (See Open Menus With Voice Command on page 78.)
- **Play Music** to play music stored in your phone.
- **Check** <Item> to verify phone status and information.

TIP Use Voice Command in a quiet environment so it can accurately recognize your commands




Make a Voice Call With Voice Command

1. Press  >  >  Voice Dialer.
2. When you see “Say a command” say “**Call**” followed by the name and the label for the phone number you wish to call. For example, say “**Call**

John Smith Mobile.” The Phone dials the number stored for the contact “John Smith” with the label “Mobile.”



- If the location is not recognized or the name does not have a phone number stored in Contacts, your Phone will display a list of possible options.
- If a name has only a single number, or if you know the name but are not sure which number to call, say “**Call**” followed by the name only. For example, say “**Call John.**” If the name is recognized and there is only one phone number for the name, your Phone immediately places the call.

Call a Phone Number with Voice Command

1. Press  >  >  Voice Dialer.
2. When you see “Say a command” say “**Call**” followed immediately by a phone number; for example, say “**Call 555 555 5555.**”
3. Speak naturally and clearly and remember to speak one digit at a time (1-800 should be pronounced “One Eight Zero Zero.”)

Open Menus With Voice Command

The Voice Command application allows you to directly open many menu items or applications by saying voice commands.




1. Press  >  >  Voice Dialer.
2. When you see “Say a command” say “**Open**” followed by a menu or application.

3. If a list of valid actions is displayed, tap an action, the Phone opens the selected menu.

Text-to-Speech

The text-to-speech feature allows the Phone to provide a verbal readout of on-screen data such as messages and incoming caller information (based on Caller ID).

Text-to-Speech Settings

1. Press  >  > **System settings** > **Language & input** > **Text-to-speech output**.
2. Configure any of the following Text-to-Speech settings:
 - **Preferred Engine:** Choose which text-to-speech engine you prefer to use. Tap  to set various engine settings.
 - **Speech rate:** Allows you to adjust the rate at which the displayed text is spoken by the phone. Choose from: **Very slow**, **Slow**, **Normal**, **Fast**, and **Very fast**.
 - **Listen to an example:** Plays a short example of what the text-to-speech feature will sound like on your phone when activated.

This section provides an overview of items you can change using your phone's System settings menus.

Wireless & Networks Settings

This group of settings lets you control your phone's Wi-Fi settings, Bluetooth, VPN, and Mobile networks.




Airplane Mode

Airplane Mode (Flight mode) allows you to use many of your phone's features, such as games, and music, when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When you set your phone to Airplane Mode, it cannot send or receive any calls or access online data.


Activate Airplane Mode

1. Press and hold the **Power/Lock Button**  to display the phone options.
2. Tap **Turn on Airplane mode**.



– or –

1. Press  >  > **System settings**.
2. Tap **Airplane mode**. (A blue checkmark appears.) While in Airplane Mode, your phone's Status Bar will display .

Deactivate Airplane Mode

1. Press and hold the **Power/Lock Button**  to reveal the phone options.
2. Tap **Turn off Airplane mode**.

– or –

1. Press  >  > **System settings**.
2. Tap **Airplane mode** to remove the checkmark.

Wi-Fi Settings

For details on your phone's Wi-Fi features and settings, see [Connect Wi-Fi](#) on page 172.

Bluetooth Settings

Your phone's Bluetooth capabilities let you use wireless headsets, send and receive pictures and files, and more. For details on your phone's Bluetooth settings, see [Bluetooth Settings Menu](#) on page 223.

Mobile data



You can check the current data usage, set to enable/disable mobile data, or set the mobile data limit.

Call Settings

Your phone's Call settings menu lets you configure International call options and TTY mode.

Incoming Call Popup



Set whether to display incoming call popup when using Camera and Video.

1. Press  >  > **System settings** > **Call**.

2. Tap the **Incoming call popup** checkbox to enable/disable the feature.




Call Reject

You can set call rejection and manage the reject list.

1. Press  >  > **System settings** > **Call** > **Call reject**.
2. Tap **Call reject mode** and set an option.
3. Tap **Rejection list** to set up the rejection list.



Decline with Message

Quick message is the specified text message to send out when you want to ignore an incoming call and respond to the caller with a text instead. You can add or edit quick messages.



1. Press  >  > **Systems settings** > **Call** > **Decline with message**.
2. Tap a quick message to edit it.
– or –
Tap  to add a new quick message.
3. Enter a message and tap **Save**.

Privacy Keeper



You can set whether the phone to display the caller's information or not when you receive a call.

1. Press  >  > **System settings** > **Call** > **Privacy keeper**.
2. Tap **Hide all information**, **Show number only**, or **Disable**.

Power Button Ends Call



You can set the phone to end calls with Power button , in addition to  on the call screen.

To set to end calls with Power button

1. Press  >  > **System settings** > **Call**.
2. Tap **Power button ends call** to enable it. (A blue checkmark will appear.)



North American Dialing

Replace + code as needed for outgoing calls.

1. Press  >  > **System settings** > **Call**.
2. Tap the **North American dialing** checkbox to enable/disable the feature.

International Dialing

Set international dialing code for outgoing calls.



1. Press  >  > **System settings** > **Call** > **International dialing**
(The North American dialing option must be disabled).
2. Enter the international dialing code and tap **OK**.

TTY mode

ATTY (also known as a TDD or Text Telephone) is a telecommunications phone that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone. Your phone is compatible with select TTY phones. Please check with the manufacturer of your TTY phone to ensure that it is compatible with digital cell phones.

Your phone and TTY phone will connect via a special cable that plugs into your phone's headset jack. If this cable was not provided with your TTY phone, contact your TTY phone manufacturer to purchase the connector cable.

Turn TTY Mode On or Off

1. Press  >  > **System settings** > **Call** > **TTY mode**.
2. Tap **TTY Off** to turn TTY mode off or tap **TTY FULL**, **TTY HCO** or **TTY VCO**.

To access the state Telecommunications Relay Service (TRS) for assistance with TTY calls:

► Dial     to reach an operator.



NOTE In TTY Mode, your phone will display the TTY access icon. When enabled, TTY mode may impair the audio quality of non-TTY phones connected to the headset jack.

Proximity Sensor

You can access the phone's proximity sensor through the Call Settings menu.

When receiving and making calls, this sensor automatically turns the backlight off and locks the touch keypad by sensing when the phone is near your ear. This extends battery life and prevents the touch keypad from activating unintentionally during calls.

To enable the Proximity Sensor:



1. Press  >  > **System settings** > **Call**.

2. Tap the **Proximity Sensor** checkbox to enable it. (A blue checkmark will appear.)

Wide Voice extension

This option improves sound quality to get clear voice using wide voice band.



To activate Wide voice extension

1. Press  >  > **Systems settings** > **Call**.
2. Tap the **Wide voice extension** checkbox to turn it on. (A blue checkmark will appear.)

Save Unknown Numbers

You can set the phone to save the phone numbers not saved in Contacts yet.



To save unknown numbers

1. Press  >  > **System settings** > **Call**.
2. Tap the **Save unknown numbers** checkbox to turn it on. (A blue checkmark will appear.)

Voice Clarity

You can set the phone to enhance voice sound quality in noisy environments while using a hands-free call.

To set Voice clarity:

1. Press  >  > **System settings** > **Call**.

2. Tap the **Voice clarity** checkbox to turn it on. (A blue checkmark will appear.)



Share & Connect

File Networking

File Networking requires wireless connection. Make sure that devices are using same AP (Access Point). Network folder sharing may use more battery.



Share My Folder

You can share a phone's folder with one or more computers or other devices. Sharing my folder works with Windows XP, Windows Vista, Windows 7 and File networking enabled phones.

1. Press  >  > **System settings** > **Share & Connect** > **File networking**.
2. Tap **Share my folder** to share your phone's folder with other devices.
3. Tap **Shared folder** to configure the folder to share.
4. Tap **Set password** to configure password for security.
5. Access phone's folder with typing "\\ Device name" or "\\ IP address" at URL address field on PC window.

Access Other Device's Folder

You can access shared folders of computers, Network storage (NAS) and other devices.

1. Press  >  > **System settings > Share & Connect > File networking.**
2. Tap **Search for devices.**
3. Tap a device to connect with in the **AVAILABLE DEVICES.** If the device is secured with password, you should enter User name and password. You can access folder without User name or password if computer's shared folder is set as 'Everyone'.
4. Select the folders to access. This may take a few seconds depending on the size of shared folders.
5. After connecting devices, you can read or write shared file from other devices in phone's applications (such as Gallery, Music, File manager). Check the following mount path: /sdcard/Network_folder_"Device Name".

More



VPN Settings

From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network. For details on your phone's VPN settings, see Virtual Private Networks (VPN) on page 177.





Mobile Networks Settings

You can choose whether to turn on or off the LTE radio band. You can also set whether to enable or disable data access on your phone.



Enable/Disable Data Access

1. Press  >  > **System settings** > **More...** > **Mobile networks**.
2. Tap the **Data enabled** checkbox to enable/disable the feature.

Set up Access Point Names

1. Press  >  > **System settings** > **More...** > **Mobile networks** > **Access point names**.
2. Tap  > **New APN**.
3. After entering each field, tap  > **Save**.

Network Mode

1. Press  >  > **System settings** > **More...** > **Mobile networks** > **Network mode**.
2. Choose from the following two options:
 - Tap **LTE/CDMA** to turn on the LTE radio band.
 - Tap **CDMA** to turn off the LTE radio band.

Device Settings




This group of settings lets you configure your phone's sound, display, power saver, and apps settings.

Sound Settings



In the Sound settings menu, you can configure call and notification ringtones, audio volumes, as well as some related settings.

Quiet Mode



To set times to turn off all sounds except alarm and media:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound**.
3. Slide the **Quiet mode** switch  to the right to turn on this feature.
4. Tap **Quiet mode** to set the time and days.

Sound profile

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound** > **Sound profile**.
3. Tap one of the three options.

To switch to silent mode:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound** > **Sound profile**.
3. Tap **Silent**.

– or –

Press the down Volume Button until you see on  the screen.

Volumes

Adjust your phone's volume settings to suit your needs and your environment.

1. Press  >  > **System settings**.

2. From the DEVICE section, tap **Sound > Volumes**.
3. Adjust each volume level.
 - **Phone ringtone:** Changes the volume of your call ringtones (if applicable).
 - **Notification sound:** Allows you to set this volume level. This is the volume of the ringtone when you receive a notification.
 - **Touch feedback & system:** Changes the volume for system.
 - **Music, video, games and other media:** Changes the volume of your music, videos and other media.
4. Tap **OK**.

TIP You can adjust the ringer volume on the Home screen or Applications screen, or almost any screen by using the Volume Buttons on the left side of your phone. In other applications such as Music, YouTube, spoken directions, and other audio, the Volume Buttons control the volume of the application.

Ringtones and Notifications

You can select and assign ringtones and notifications for your incoming calls.

Ringtone with vibration

To set the phone to vibrate accompanying the ringtone.



1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound**.

3. Tap the **Ringtone with vibration** checkbox to turn on the feature. (A blue checkmark will appear.)

Phone Ringtone




The phone ringtones alert you of incoming calls.

To select a ringtone for voice calls:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound** > **Phone ringtone**.
3. Tap a ringtone to select it and to hear it. If you want to set the ringtone, tap **OK**. If not, select another ringtone or tap **Cancel**.

To use a song as a ringtone:



You can use a song as your phone ringtone, in place of one of the ringtones that come with the phone.

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound** > **Phone ringtone**.
3. Tap  and tap a song.

For details about using the Music Player application, see Music on page 164.

Notification sound

When you receive a notification such as the arrival of new messages, calendar events, or alarms, the phone sounds a ringtone.

1. Press  >  > **System settings** > **Sound**.
2. From the DEVICE section, tap **Sound** > **Notification sound**.



3. Tap a ringtone to select it and to hear it. If you want to set the ringtone, tap **OK**. If not, select another ringtone or tap **Cancel**.

Feedback & Vibrate

The Feedback & Vibrate menu lets you select whether you hear tones when touching numbers on the dialpad, selecting on-screen options, and more.

Vibrate Type



To set a vibrate type for incoming calls, messages receipt, Email receipt, alarm, and calendar event.

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound > Vibrate Type**.



NOTE **Vibrate Type** can only be selected when **Vibrate only** is selected as the sound profile or **Ringtone with vibration** option is checked in the Sound screen.

3. Tap each vibrate type to select it.
4. Tap **OK**.



To hear tones when you use the dialpad to dial a number:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Sound**.
3. Tap the **Dial pad touch tones** checkbox. (A blue checkmark will appear.)



To hear sound when you tap buttons, icons, and other on-screen items:

1. Press  >  > System settings.
2. From the DEVICE section, tap Sound.
3. Tap the Touch sounds checkbox. (A blue checkmark will appear.)



To hear sound when the screen is locked or unlocked:

1. Press  >  > System settings.
2. From the DEVICE section, tap Sound.
3. Tap the Screen lock sound checkbox. (A blue checkmark will appear.)

To set the emergency tone option when an emergency call is placed:

1. Press  >  > System settings.
2. From the DEVICE section, tap Sound.
3. Tap Emergency tone.
4. Tap Off, Alert, or Vibrate.

To set your phone to vibrate when touching buttons and keys:



1. Press  >  > System settings.
2. From the DEVICE section, tap Sound.
3. Tap the Vibrate on touch checkbox. (A blue checkmark will appear.)

Display Settings

Adjusting your phone's display settings not only helps you see what you want, it can also help increase battery life.

Brightness

Adjust your screen's contrast (brightness) to suit your surroundings.



1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display** > **Brightness**.
3. Use the slider to set a brightness level.

NOTE For the best battery performance, use the dimmer levels.

4. Tap **OK**.

Screen Timeout

Select how long the display screen remains backlit after you touch the screen or press a key before the screen darkens.



1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display** > **Screen timeout**.
3. Tap **15 seconds**, **30 seconds**, **1 minute**, **2 minutes**, **5 minutes**, **10 minutes**, or **Never**.

NOTE Long backlight settings reduce the battery's talk and standby times. For the best battery performance, use the shortest convenient timeout.

Smart screen



You can set to keep screen on when the phone detects your face looking at

the screen.

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display** > **Smart screen**. (A blue checkmark will appear.)

Auto-Rotate Screen

Choose whether the phone automatically switches the orientation of the screen as you turn it sideways or even upside down.

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display**.
3. Tap the **Auto-rotate screen** checkbox to automatically rotate the screen (a blue checkmark will appear).



– or –

To disable the auto-rotate feature, tap the **Auto-rotate screen** checkbox again so that the checkmark is removed.

NOTE Some applications on your phone do not support the Auto-rotate feature.



Font Type

Choose the desired font type.

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display** > **Font type**.
3. Tap a desired font type.

Font Size



Choose the desired font type.

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display** > **Font size**.
3. Tap a desired font size.



Front Touch Key Light

Configure the Front touch key light options.

To turn on the front keys:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display** > **Front touch key light**.
3. Tap the **Turn on front key light** checkbox. (A blue checkmark will appear.)



To set how long the front keys remain back while the screen is turned on:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Display** > **Front touch key light** > **Front touch light duration**.
3. Tap **1.5 seconds**, **3 seconds**, **5 seconds**, or **Always on**.



Home Button LED

Select the item you wish to apply LED lighting.

To turn on the Home button LED:

1. Press  >  > System settings.
2. From the DEVICE section, tap Display.
3. Tap the Home button LED switch to turn on.

To select the item you wish to apply LED lighting:



1. Press  >  > System settings.
2. From the DEVICE section, tap Display > Home button LED.
3. Tap each item as you want. (A blue checkmark will appear.)

Home Screen

Configure your phone's home screen settings.



Theme

Choose the desired theme.

1. Press  >  > Home screen > Theme.
2. Tap the desired theme.



Screen swipe effect

Choose the desired type of effect to display when you swipe from one Home screen canvas to the next.

1. Press  >  > Home screen > Screen swipe effect.
2. Tap the desired effect and OK.



Wallpaper

Choose the desired wallpaper.

1. Press  >  > **Home screen** > **Wallpaper**.
2. Choose a location and select the desired wallpaper.
3. Tap **Set wallpaper** to set it as the wallpaper.



Scroll Screens Circularly

Checkmark to show the first screen after last screen when scrolling.

1. Press  >  > **Home screen**.
2. Tap the **Scroll screens circularly** checkbox. (A blue checkmark will appear.)



Portrait View Only

Checkmark to allow the wallpaper to scroll with the screen instead of having it as a static image.

1. Press  >  > **Home screen**.
2. Tap the **Portrait view only** checkbox. (A blue checkmark will appear.)

Home Backup & Restore

You can backup and restore app/widget configurations and the theme.



1. Press  >  > **Home screen**.
2. Tap **Home backup & restore** > **Backup** or **Restore**.

Lock Screen

Lock screen menu lets you configure screen lock options and when to be locked.

Select screen lock

You can increase your phone's security by face unlock, creating a screen unlock pattern, by creating a PIN, or by choosing a password. When these features are enabled, you must show your face, draw the correct unlock pattern, enter the PIN, or enter the password on the screen to unlock and regain access to the phone.

1. Press  >  > **Lock screen** > **Select screen lock**.
2. Select the desired screen lock option from the below:
 - **None:** No lock screen.
 - **Swipe:** Swipe any part of the screen to unlock the screen.
 - **Face Unlock:** Unlocks the screen through facial recognition. Follow the prompts. You are asked to set a Pattern and/or PIN as a backup.
 - **Pattern:** Opens a set of screens that guide you through drawing a screen unlock pattern. It's recommended that you enter backup PIN as well in case that you might lost the pattern. Then, you can set vibrate on touch or whether to make the pattern visible.
 - **PIN:** Enter a numeric PIN to unlock screen.
 - **Password:** Enter a password to unlock screen.

From then on, any time you wish to turn the phone on or unlock the

screen, you must draw your unlock pattern or enter the PIN or password to unlock the screen.


- If you have set up Unlock PIN or Unlock Password, enter the Unlock PIN or Unlock Password. After entering it, tap **OK**. The last screen you were working on opens.

NOTE You have five opportunities to enter your unlock Pattern, PIN or Password. If you've entered the wrong information five times, you must wait 30 seconds before you can attempt again.

- If you've set up a Google Account on the phone, tap the **Forgot pattern?** button. You will be able to unlock the phone with your Google Account username and password or entering you Backup PIN.
- If you haven't created a Google Account on the phone, you must perform a factory reset.



CAUTION! If you perform a factory reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a factory reset.

- When you can't recall your unlock **Pattern**, **PIN** or **Password**:
 1. Turn the phone off.
 2. Press and hold the following keys for 5 seconds: **Volume Down Key** + **Power/Lock Key**.
 3. Release the keys as soon as the three (3) bottom touch keys flash.
 4. Press the **Volume Down Key** to scroll to **wipe data/factory reset**. Then press the **Power/Lock Key** to select it.
 5. Press the **Volume Down Key** to scroll to **Yes -- delete all user data**. Then press the **Power/Lock Key** to select it.

6. The phone will perform a factory reset.
7. Make sure that **reboot system now** is highlighted and press the **Power/Lock Key**  to make the selection and reboot your phone.



Wallpaper

Select the wallpaper to display for your lock screen.

1. Press  >  > **Lock screen** > **Wallpaper**.
2. Select **Gallery** or **Wallpaper gallery**.
3. Select the desired wallpaper and tap **OK** or **Set wallpaper**.



Clocks & Shortcuts

Customize clocks and shortcuts on the lock screen.

1. Press  >  > **Lock screen** > **Clocks & shortcuts**.
2. Swipe left or right to select the clock or calendar type.
3. Tap each shortcut key to select the desired shortcut key.
4. After personalizing, tap **Save**.

Owner Info



Select whether to display the owner information on the lock screen and customize the owner information.

1. Press  >  > **Lock screen**.
2. Tap the **Owner info** checkbox to show owner information on the lock screen. (A blue checkmark will appear.)


3. Tap  to enter the owner information.



Lock Timer

Choose the amount of time before the screen automatically locks after the screen has timed-out.

1. Press  >  > **Lock screen** > **Lock timer**.
2. Tap the desired time.



Power Button Instantly Locks

Checkmark to instantly lock the screen when you press the Power/Lock Button .

1. Press  >  > **Lock screen**.
2. Tap the **Power button instantly locks** checkbox to turn on the feature. (A blue checkmark will appear.)

Vibrate On Touch

The phone will vibrate when entering your unlock sequence.

1. Press  >  > **Lock screen**.
2. Tap the **Vibrate on touch** checkbox. (A blue checkmark will appear.)



Storage

The Storage menu lets you monitor the used and available space on the system memory.

1. Press  >  > **System settings**.



2. From the DEVICE section, tap **Storage**.

To unmount the microSD card from your phone safely:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Storage** > **Unmount SD card**.

Now, you can remove the microSD card from the phone.



To erase all data on microSD card and prepare it for use with your phone:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Storage** > **Erase SD card**.
3. Tap **Erase SD card** again to confirm it.




Battery

The Battery menu lets you turn on the power saver and configure various options to save power, view how much battery power is left and what apps are using the most power. And you can also check the Power saver tips.



To display the battery percentage on the Status bar:

1. Press  >  > **System settings**.
2. From the DEVICE section, tap **Battery**.
3. Tap **Battery percentage**. (A blue checkmark will appear.)

To turn on Power saver:

1. Press  >  > **System settings** > **Battery**.
2. Slide the **Power saver** switch  to the right to turn on.



To select features to turn off or to change value when battery is low:

1. Press  >  > System settings > Battery.
2. Tap **Power saver**.
3. From the POWER SAVING ITEMS section, checkmark each feature to turn off.



App Settings

This menu lets you view details about the applications installed on your phone, manage their data, force them to stop, and set whether you want to permit installation of applications that you obtain from websites and email.



To view details about the applications:

1. Press  >  > System settings > Apps.
2. Tap or sling your finger across the screen to the **Downloaded**, **Running**, or **All** tab to view your apps.



To force applications to stop:

1. Press  >  > System settings > Apps.
2. Tap the **Running** tab.
3. Find the application to force stop and tap the application.
4. Tap **Stop**.
5. Read the disclaimer and tap **OK**.



To uninstall a downloaded application:

1. Press  >  > System settings > Apps.
2. Tap the Downloaded tab.
3. Find the application you want to uninstall and tap it.
4. Tap Uninstall.
5. Read the disclaimer and tap OK.



To set the phone to end a running application when you open a new applications:

1. Press  >  > Systems settings > Developer options.
2. Tap the Don't keep activities checkbox (A blue checkmark will appear).

To set the limit of the number of processes that can run in the background:

1. Press  >  > Systems settings > Developer options > Background process limit.
2. Tap Standard limit, No background processes, At most 1 process, At most 2 processes, At most 3 processes, or At most 4 processes.

To set the phone to alert you to unresponsive applications that are running in the background:



1. Press  >  > Systems settings > Developer options.
2. Tap the Show all ANRs checkbox (A blue checkmark will appear).

Personal Settings

This group of settings lets you configure accounts & sync, location services, security, language & input, and backup & reset settings.

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. Tap **ADD ACCOUNT** to add new account.

1. Press  >  > **System settings**.
2. From the PERSONAL list, tap **Accounts & sync**.



Location access

Use the Location access menu to set your preferences for using and sharing your location when you search for information and use location-based applications, such as Maps.

Access to my location



You can 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.

1. Press  >  > **System settings** > **Location access**.
2. Tap the **Access to my location** switch to turn it on.
3. When you check this option, you're asked whether you consent to sharing your location anonymously with WiFi & mobile network location.
4. Read the disclaimer and tap **Agree**.

GPS satellites

You can use your device's global positioning system (GPS) satellite receiver to pinpoint your location to within accuracy as close as several meters (street level). Actual GPS accuracy depends on a clear view of the sky and other factors.

1. Press  >  > **System settings** > **Location access**.
2. Tap the **GPS satellites** checkbox. (A blue checkmark will appear.)

NOTE Uncheck this option when you do not use Maps to conserve battery.

Wi-Fi & mobile network location

You can 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.

Encrypt phone

Opens a screen that encrypts data on the phone for security. You will be required to enter a PIN or password to decrypt your phone each time you power it on.

Encrypt SD Card

Opens a screen that encrypts data on the SD card for security. You will be required to enter a PIN or password to decrypt the data each time you power it on.

Password typing visible

Checkmark to briefly show each character of passwords as you enter them so that you can see what you enter.

Phone administrators

Add or remove phone administrators.

Unknown sources

Allow installation of non-Play Store applications.

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 storage.

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 & Input Settings

Your phone's Language & input settings let you select a language for the device's screens and menus, as well as manage a personal user dictionary. The Keyboard settings let you select a preferred input method, control keyboard settings, and more.

Display Language

You can choose to display your device's on-screen menus in multiple languages.

1. Press  >  > System settings > Language & input > Language.
2. Tap English or Español.

Spelling correction

Allows spelling correction when using the on-screen keyboard.

Personal dictionary

Allows you to view, edit, and add words to your personal dictionary.

Default Keyboard & Input Method

Shows the default keyboard type. Checkmark the keyboard you want to use from **Google voice typing**, **LG Keyboard**. Tap to configure each keyboard's settings.

Voice Search

Tap to configure the Voice Search settings.

Text-to speech output

Tap to set the preferred engine or general settings for text-to-speech output.

Pointer speed



Adjust the pointer speed.

Backup & reset

The privacy settings on your device allow you to back-up your data, automatically restore data, and erase all the data on your phone.

Back Up My Data



You can back up app data, Wi-Fi passwords, and other settings to Google servers.

1. Press  >  > **Systems settings** > **Backup & reset**.
2. Check whether the Backup account is right.
3. Tap the **Back up my data** checkbox. (A blue checkmark will appear.)

4. To set to automatically restore the backups, tap the **Automatic restore** checkbox. (A blue checkmark will appear.)

Factory Data Reset

Resetting the phone restores all the factory defaults, including personal data from internal phone storage, information about your Google Account, any other accounts, your system and application settings, and any downloaded applications. Resetting the phone does not erase any system software updates you've downloaded or any files you have saved, such as music, pictures, or applications. After resetting the phone, the next time you turn on the phone, you're prompted to reenter the same kind of information as when you first started the phone.

1. Press  >  > **Systems settings** > **Backup & reset**.
2. If you are certain that you would like to restore all factory settings, tap **Factory data reset**.
3. Tap **Reset phone**.
4. Enter your unlock sequence if you have configured one, then tap **Erase everything** to confirm.

System Settings

This group of settings lets you configure date & time, accessibility, PC connection and developer options. And you can activate the phone, update the phone, or view the phone information.

Date & Time

Set your preferences for how the date and time is displayed. You can also select a time zone.

Accessibility




Use the Accessibility settings to configure any accessibility plug-ins you have installed on your phone.

NOTE Requires additional plug-ins to become selectable.



Services

Allows you to set up the TalkBack function which assists people with impaired vision by providing verbal feedback.



To turn on the Talkback function

1. Tap  >  > **Systems settings** > **Accessibility** > **TalkBack**.
2. Tap the **TalkBack** switch  to turn it on.
3. Tap **SETTINGS** at the bottom of the screen to adjust the TalkBack settings.




Vision

1. Tap  >  > **Systems settings** > **Accessibility**.
2. Set the following options as you want.
 - **Install web scripts:** Allows you to enable (or disable) installation of web scripts.
 - **Large text:** Checkmark to increase the size of the text.
 - **Invert color:** Checkmark to invert color.
 - **Shades:** Set the screen to be shade of black.

Hearing




1. Tap  >  > **Systems settings** > **Accessibility**.
2. Set the following options as you want.
 - **Mono audio:** Checkmark to allow headset sound routed both right and left channel.

Physical and Motor

1. Tap  >  > **Systems settings** > **Accessibility**.
2. Set the following options as you want.
 - **Touch & hold delay:** Allows you to set the touch and hold delay (short, medium, or long).
 - **Universal touch:** Tap  to toggle between on and off. Universal touch can replace all hardware buttons.

System

Allows you to configure the following system options.

1. Tap  >  > **Systems settings** > **Accessibility**.
2. Set the following options as you want.
 - **Auto-rotate screen**: Checkmark to allow the device to rotate the screen depending on the device orientation (portrait or landscape).
 - **Speak passwords**: Checkmark so that you can say your log in passwords (instead of typing your passwords).
 - **Power button ends call**: Checkmark so that you can end voice calls by pressing the Power/Lock Button . When this option is enabled, pressing the Power/Lock Button during a call does not lock the screen.
 - **Easy access**: Allows you to select easy access.
 - **Text-to-speech output**: Text-to-speech output provides audible readout of text, for example, the contents of text messages, and the Caller ID for incoming calls.

PC connection

Your device's PC connection menu lets you configure USB connection type and Ask on connection. Also you can see the PC connection help.

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), or Camera (PTP).

Ask on connection

Checkmark to have the phone ask you to choose which USB connection mode it should connect with to a PC.

Developer Options



Keep in mind that turning on these developer settings may result in irregular device behavior.

System Updates

From time to time, updates may become available for your phone. You can download and apply updates through the Settings menu.



Update Your PRL

This option allows you to download and update the PRL (Preferred Roaming List) automatically.

1. Press  >  > **System settings > System updates > Update PRL.**
2. Follow the on-screen instructions.

Update Your Profile



This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your Phone.

1. Press  >  > **System settings > System updates > Update profile.**

2. Follow the on-screen instructions.



Update Your Android Operating System

This option allows you to update the Android Operating System (OS) on your Phone via an over-the-air connection. There are two components: User-Interface (UI) firmware and Phone Google OS.

1. Press  >  > **System settings** > **System updates** > **Update Firmware** and **Update LG software**.
2. Follow the on-screen instructions.

About Phone

Display information about the network, phone identity, battery, hardware, software, legal, and patent information.

1. Press  >  > **System settings** > **About phone**.
2. Tap the desired menu to view detailed information about your phone.

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly in your phone as well as contacts synchronized with your Google Account, your PC, compatible email programs (including Exchange Server), and your Facebook friends.

Get Started with Contacts

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

Access Contacts

► Press  >  > .




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.

► Press  >  > .

- To add contacts shortcut to the Home screen, touch and hold an empty spot on one of the Home screen canvases, and tap the Widgets tab. Swipe the **widgets** left or right until you find **Contact** or **Favorite contacts** widget and select it.

The Contacts List

Learn how to view and navigate through your phone's Contacts list.

► Press  >  > . You will see the Contacts list.

Scroll through the list to view all your contacts. To see a specific entry, scroll to it and touch it.

TIP If you have a lot of contacts stored, you'll see a slider on the right when you're flicking up or down the list. To go directly to a letter, touch and hold the slider and drag it to a letter.

Contacts List Options






From the Contacts list, tap  to display the following options.

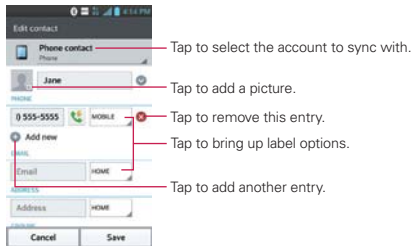
- **Delete:** Allows you to delete contacts.
- **Share:** Allows you to share contacts.
- **Send message:** Allows you to send a message to a contact.
- **Send email:** Allows you to send an email to a contact.
- **Speed dial:** Allows you to add a speed dial to your contacts.
- **Join contacts:** Allows you to join duplicate contacts.
- **Import/Export:** Allows you to import or export contacts to your internal storage.
- **Edit tabs:** Allows you to edit the tabs on the Contacts screen and rearrange items.
- **Settings:** Allows you to set various call settings.

Add a Contact

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.

The Contacts application tries to join new addresses with existing contacts, to create a single entry. You can also manage that process manually.

1. Press  >  > .
2. Tap  to add a contact.
3. Tap a destination type (**Phone**, **Google**), if applicable.
4. Tap to select a picture to display next to the name in your list of contacts and in the Caller ID.
5. Tap  the **Name** field and enter a name for the new entry.
6. Tap the **Phone** field and enter a phone number.
7. Tap the label button (to the right of the phone number field) to select one of the following categories: **MOBILE**, **WORK**, **HOME**, **MAIN**, **WORK FAX**, **HOME FAX**, **PAGER**, **OTHER**, **CUSTOM**.
8. Tap the **Email** field and enter an email address and select the label from **HOME**, **WORK**, **OTHER**, **CUSTOM**.
9. Tap the **Group name** field and select one of the default groups or tap **New group** to create a new group.
10. Tap the ringtone field and select the desired ringtone.
11. Enter information as much as you want and when you're finished, tap **Save**.



Add a Contact to Your Favorites

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

1. Press > > .
2. Tap a contact to view its details.
3. Tap the star to the right of the contact's name. (A gold star appears.)

To remove a contact from your favorites list:

1. Press > > > Favorites tab.
2. Tap a contact to view its details.
3. Tap the gold star to the right of the contact's name. The star will turn gray, meaning it has been removed from your Favorites.

Edit a Contacts Entry




You can change or add details saved in your contact entries, such as setting specific ringtones to specific contacts or setting calls from specific contacts to divert to your voicemail. Some contact entries contain information from multiple sources: information that you added manually, information joined from multiple accounts to consolidate duplicates, etc.

If you find duplicate entries in Contacts, you can join them into a single entry. If you find that unrelated contacts were joined in error, you can separate them.

Changes made to information from one source do not automatically change the information on the other sources. For example, if you have information about a contact from a Google Account and an Exchange account and both are configured to sync contacts, changes to the contact from the Google Account are synced to that account on the web, but the information from the Exchange account will remain unchanged.




For more information about working with multiple accounts, see [Synchronize Accounts](#) on page 159.

Edit Contact





1. Press  >  > .
2. Touch and hold the contact whose details you want to edit.
3. Tap **Edit contact**.
4. Edit the desired contact information.
5. Tap **Save**.

Change a Contact's Default Phone Number





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

1. Press  >  > .
2. Tap the name of a contact to view its details.
3. Touch and hold the phone number you want to set as the contact's default phone number.
4. Tap **Set as default number**. (A checkmark will appear next to the default phone number.)

Select a Ringtone for a Contact

1. Press  >  > .
2. Tap the name of a contact to view its details.
3. Tap .
4. Tap Ringtone and tap a ringtone to select it.
5. Tap **OK**.

Delete Contacts





1. Press  >  > .
2. Tap the name of a contact.
3. Tap  > **Delete**.
 - If the contact contains information from a read-only account, you will not be able to delete it; you will only be able to change the sync

settings for that account or delete the account itself.




- If the contact contains information joined from a read-only account, a dialog box will inform you that you must separate the contact entry into individual contacts to delete the contact.

4. Tap **Yes** to confirm that you want to delete the contact.

Add a Number to a Contact




1. Press  >  > .
2. Touch and hold the contact's entry.
3. Tap **Edit contact** in the menu that opens.
4. Tap .
5. Tap the label button to the right of the phone number field and select the relevant label.
 - To create your own label, tap **CUSTOM**.
6. Enter a phone number and tap **Save**.

Edit a Contact's Number

1. Press  >  > .
2. Touch and hold a contact's entry.
3. Tap **Edit contact**.
4. Tap a phone number to edit.
5. Re-enter or edit the number and tap **Save**.

Assign Direct Dialing Numbers

Besides Speed dialing, you are also able to directly save a contact to your Home screen.

1. Press  >  > .
2. Touch and hold a contact's entry.
3. Tap **Add to home screen** > **Direct dial**. The contact will be shown on the Home screen.





NOTE If there is no available space on a particular Home screen canvas, you must delete or remove an item before you can add another item. In this case, you have the option of switching to another Home screen canvas.

To use direct dial:

- Simply tap the contact on the Home screen.




Assign a Picture to an Entry

Assign a picture to display each time a certain contact calls you.

1. Press  >  > .
2. Touch and hold the contact's entry.
3. Tap **Edit contact**.
4. Tap .
5. Tap **Take photo** to take a new picture. The camera will launch.
– or –
Tap **Select from Gallery** to select a picture from the Gallery.

6. After cropping the picture as you want, (see Gallery Options on page 190) tap **Save**.

Find Contacts by Name

1. Press  >  > .
2. Tap the **Search contacts** field.
3. Start entering the name of the contact you're searching for. As you type, contacts with matching names will appear below the search box.
4. Tap a matching contact in the list to open its entry.

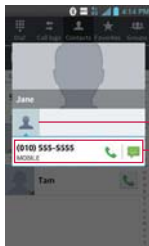
Communicate with Your Contacts

From the Contacts or Favorites tab, you can quickly call or send a text (SMS) or multimedia message (MMS) message to a contact's default phone number. You can also open a menu to access different methods of communicating with that contact.

The Contacts application shares your contacts with many other applications, such as Gmail™ (see Gmail on page 129) and messaging (see Text and Multimedia Messaging on page 149).

To connect by using Quick Contact for Android™:

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








Tap contact's picture.


Tap the icon that corresponds to the method you want to communicate with the contact.

2. Tap the icon corresponding to the type of communication you want to start.





Depending on the contact information saved, the available actions will be displayed above the name.

To communicate with a contact:

1. Press  >  > .
2. Tap the contact's entry.
3. In the contact's details screen, tap the method you wish to communicate with the contact.
 - Tap  next to the number you want to call to directly.
 - Tap  next to the number you want to message.

NOTE Anytime you see the green Call Key  next to a number, such as in your Favorites or Call logs, just tap it to call that number.

To call a contact's default number:

1. Press  >  > .
2. Tap  next to the contact entry.
3. If multiple numbers are stored, a pop-up window to select the number will open.
4. To set a number as default number when you make a call, tap the **Set as default number** checkbox, then select the desired number.

(For more information about placing phone calls, see Make Phone Calls on page 57.)





For more information about sending text and multimedia messages, see Text and Multimedia Messaging on page 149.

Import, Export, and Share Contacts

If you have contacts stored in vCard format on the phone's internal storage, you can import them into your Contacts application on your phone. You can also export contacts in vCard format onto the phone internal storage. Export your contacts to back them up to a computer or another phone.

Import contacts from your internal storage





You can import contacts from your internal storage directly to your Phone.

1. Copy the vCard files to your phone from your computer.
2. Press  >  > .
3. Tap  > Import/Export > Import from internal storage.

4. If you have more than one account on your phone, tap the account into which you want to import the contacts.
5. Tap the files you wish to import and tap **Import** and **Yes** to confirm.





Export contacts to your internal storage

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

1. Press  >  > .
2. Tap  > **Import/Export**.
3. Tap **Export to internal storage**.
4. Tap the contacts you want to export, then tap **Export** and **Yes** to confirm.
5. Enter a file name and tap **OK**.

Share a contact

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

1. Press  >  > .
2. Open the contact you want to share.
3. Tap  > **Share**.
4. Choose the method for sending.

Gmail

This email client is Google's web-based email service. (See Synchronize Your Google Account on page 160.)

From a computer, launch your preferred web browser and navigate to www.gmail.com. Depending on your synchronization settings, Gmail (along with calendar events, phone numbers and other contact information) on your phone is automatically synchronized between your phone and your Gmail account on the web.

Create a Google Account

You must create and/or sign into a Google Account to use Gmail™, Google Talk™, Google Calendar™, and other Google Apps. Signing into a Google Account is also necessary to download applications from the Google Play Store app to sync your data (if applicable) with the Google servers, and to take advantage of any other available Google services on your phone.

If you don't have a Google Account, you will be 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.

1. From a computer, or from your phone's Browser, navigate to www.google.com.
2. On the main page, select **Sign In > SIGN UP**.
3. Follow the on-screen prompts to create your free account.

4. Log into your provided email address, locate the email from Google, and respond to the new email to both confirm and activate your new account.

Sign into Your Google Account

If you have a Google Account but have not yet signed in with your phone, follow these instructions to sign in to your Google Account.

1. Launch an application that requires a Google Account (such as Play Store or Gmail).
2. Tap **Existing**.

NOTE If you do not already have a Google Account, tap **New** and follow the on-screen prompts to create your new account.

3. Tap the **Email** and **Password** fields and enter your information.
4. Tap **Sign in**.
5. Select **Join Google+** to join or **Not now** to skip this step and join later.
6. Read the disclaimer about Backup and restore and checkmark the box to keep the phone backed up with the Google Account. Then, tap **Next**.

Your phone then communicates with the Google servers to confirm your information.

IMPORTANT Some applications, such as Calendar, work only with the primary Google Account (the first Google Account set up with your phone). If you plan to use more than one Google Account with your phone, be sure to sign into the one you want to use with such applications first. When you sign in, your contacts, Gmail messages, Calendar events, and other information from these applications and services on the web can be synchronized with your phone. You will be prompted to sign in or to create a Google Account the first time you start an application that requires one, such as Gmail or Play Store.

Access Gmail

Access your personal Gmail account directly on your phone.

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

► Press  >  >  > Gmail.


All of your conversations are displayed in your Inbox unless you delete, archive, or filter them. Conversations with new messages are displayed with bold subject lines. To read a message in a conversation, tap the conversation. (See Read Your Messages on page 133.)




 Indicates that this message was sent directly to you.

 Indicates that you were CC'd on this message.

View Your Gmail Inbox when Gmail is running


- If you are viewing a message or another label, tap  until you return to your Inbox.

Add Another Google Account

1. From your Gmail Inbox, tap  > **Settings**.
2. Tap **ADD ACCOUNT** in the upper right corner of the screen.
3. Tap **Existing** or **New**, then enter the necessary information.

Switch Between Accounts

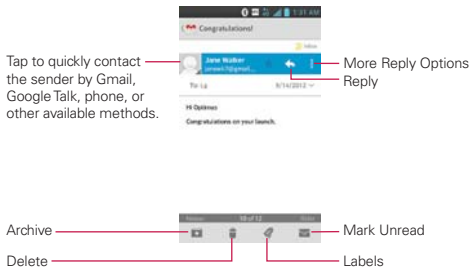
Gmail displays conversations and messages from one Google Account at a time. If you have more than one account, you can open the Accounts screen to view how many unread messages you have in each account and switch accounts.

- From your Inbox, tap  by the email account, then tap the account that contains the messages you want to read.

Read Your Messages

► Tap a conversation that contains the message you want to read.




When you open a conversation, the first unread or starred message is displayed.




If you want to contact the sender, tap the Contact's picture ID to open Quick Contact. (See *Communicate with Your Contacts* on page 125.) When reading messages in a conversation, you can use the buttons at the bottom of the screen to archive the entire conversation or delete it. After you delete a conversation, you can tap **UNDO** in a dark gray box that appears on the bottom of the screen. You can scroll to the bottom of a message to access buttons for replying to or forwarding the message, as described in *Read and Reply to Text Messages* on page 150.

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. Press  >  >  > **Gmail**.
2. Tap the conversation you want to view.
3. Tap the contact name to open that message.




When reading a message or when its tab is selected, you can tap  to return a read message to the unread state. For example, to remind yourself to read it again later.

Send a Gmail Message


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

1. Press  >  >  > **Gmail**.
2. Tap .

NOTE This will start the message from your default Gmail account. To send it from another account, on the Accounts screen, tap the triangle icon by the email account, then tap the account you want to use.

3. Enter a recipient's address. As you enter text, matching addresses are displayed from your Contact list. You can tap a suggested address or continue entering text to enter a new one.
4. Tap  > **Add Cc/Bcc** to copy (normal or blind status) recipients, if necessary.
5. Enter a subject for the message in the Subject field.
6. Continue into the next field to compose your email message.
7. Tap  > **Attach file** to add an attachment to the email.
8. Tap  to send the email.

– or –

If you're not ready to send the message, tap  > **Save draft** instead. You can read your drafts by opening messages with the Drafts label.

– or –

Tap  > **Discard** to erase the message (including any saved drafts).


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

Read and Reply to Gmail Messages

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


1. On a message, tap  to reply to the message.



- Tap  to select from **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 message.






- All of the messages in the conversation are included in the new message, any messages that follow the message you forward are omitted.

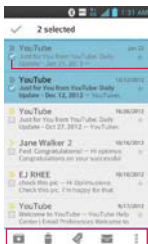
2. Tap  to send the email.

NOTE You can change the message action after you've started the message. Simply tap the  in the message header to the right of the current message action, then tap the one you want. For example, if you chose **Reply** but decide you want to **Reply all**.


Work with Conversations in Batches






With Gmail, you can archive, label, delete, or perform other actions on a batch of conversations at once.

1. From the Inbox or another label, tap the checkmark box to the left of each message for all the messages you want to include in the batch.
 - When you checkmark a conversation, the  (**Archive**),  (**Delete**),  (**Labels**),  (**Read/Unread**) or  (**More**) buttons appear at the bottom of the screen.



Tap to include the message in the batch.





Tap to select an action for the batch or tap  for more options.

2. Tap  (Archive),  (Delete),  (Labels),  (Read/Unread) or  (More).
 - The chosen action affects the selected batch of messages. If you accidentally delete a batch of conversations, you can tap **UNDO** in the grey bar (that appears briefly after the action) at the bottom of the Inbox screen to return the messages to the Inbox or appropriate label. You can also use **UNDO** after archiving, and reporting spam. If you never work with batches of messages, you can hide the check boxes to leave more room for the subjects of conversations. (See Change Gmail Settings on page 137 as following.)

Change Gmail Settings

You can change a number of settings for Gmail. Each Google Account has its own settings, so your changes affect only the current account. (See Switch Between Accounts on page 132).





Notification volumes and some synchronization settings can also be changed in the Settings application.

1. Press  >  >  > **Gmail**.
2. Tap  > **Settings** > **General settings**.
 - **Confirm before deleting:** Checkmark the checkbox to ask to confirm before deleting a message.
 - **Confirm before archiving:** Checkmark the checkbox to ask to confirm before archiving a message.
 - **Confirm before sending:** Checkmark the checkbox to ask to confirm before sending a message.

- **Reply all:** Checkmark the checkbox to make Reply all the default message action.
- **Auto-advance:** Opens a dialog box to set which conversation list is viewed next.
- **Message text size:** Opens a dialog box to set your message text size.
- **Hide checkboxes:** Checkmark the checkbox to hide checkboxes so that tap and hold will select an item.
- **Message actions:** Opens a dialog box to set when to show message actions.
- **Clear search history:** Tap to clear your search history.
- **Hide pictures in messages:** Pictures will not be displayed automatically until you allow by sender.

Individual Account Settings


You can set each of your accounts with specific, individual settings.

1. Press  >  >  > **Gmail**.
2. Tap  > **Settings**.
3. Tap the account whose settings you want to modify.
 - **Priority Inbox:** Checkmark to make Priority Inbox the default Inbox for this account.
 - **Email notifications:** Checkmark to receive a Status Bar notification when mail arrives.
 - **Ringtone & vibrate:** Opens a dialog box to set the Sync download amount for this account and how you want to be notified.

- **Signature:** Opens a dialog box to enter the signature you want to send at the end of your email.
- **Gmail Sync is ON:** Opens the Accounts & Sync screen to modify your sync settings for this account, or remove this account.
- **Days of mail to sync:** Opens a dialog box to set the number of days of mail to sync. Modifying this setting affects the sync download in the Ringtone & vibrate setting.
- **Manage labels:** Opens a dialog box to set which mail labels are synced.
- **Download attachments:** Checkmark to automatically download attachments to recent messages using a Wi-Fi connection.

Respond with Quoted Text

When you respond to a Gmail message you can choose to type within the previous text. For example, if the previous text includes multiple questions, you can insert your responses immediately after each question instead of responding as a separate message.

1. Open a Gmail message and initiate your response action (e.g., **Reply**, **Forward**, etc.).
2. Make sure **QUOTE TEXT** checkbox below the Compose field is checkmarked, then tap **RESPOND INLINE**.
3. Tap where you want to insert your text, then enter your text as necessary.
4. Tap  in the upper right corner of the screen to send the email.

Email

Use the Email application to send and receive mails from your webmail or other accounts, using POP3 or IMAP, or access your Exchange ActiveSync account for your corporate mail needs.

Although there is a separate Gmail application, the Email application can manage both Internet based email services (Gmail™ and Yahoo!™) and Corporate Work Email (Microsoft® Exchange ActiveSync®). The phone can also be manually configured to connect to other email systems.

NOTE If you have multiple email accounts, you must configure each account with its own settings.

If you want to send and receive email messages through an ISP (Internet Service Provider) account (such as Outlook), you will first need to set up an IMAP or POP account.

- **Internet Message Access Protocol (IMAP)** – This mail retrieval protocol is frequently used in large networks and commercial and institutional settings. IMAP4 is the current standard.
- **Post Office Protocol (POP)** - This protocol is supported by most ISPs and is currently more common among consumer applications. POP3 is the current standard.

NOTE For more information, review your email carrier's support documents or contact your IT administrator.

Email Icons/Shortcuts

 - Email shortcut

 - Gmail shortcut






Status Bar - Notifications

 - New Email message received

 - New Gmail message received

Add an Email Account

The Email application only reveals all currently added mail accounts. To view additional email accounts within the main Email screen, they must first be added.

1. Press  >  >  > **Email**.
 2. Do one of the following:
 - If this is your first time to add an mail account, tap **Other** on the **Select email provider** screen.
 - If you have already added an mail account in Email, tap  > **Accounts** >  > **Add account**. If the **Select email provider** screen is displayed, tap **Other**.
 3. Enter the **Email address** and **Password** for your email account and then tap Next.
 - Tap **Manual** to configure your connection settings manually (POP3 , IMAP, or Exchange ActiveSync). Follow the on-screen prompts and enter the information specific to your carrier.
- IMPORTANT** If the account type you want to set up is not in the phone database, you will be asked to enter more details. Contact your email service provider or your company's Exchange Server administrator for your email settings and additional information.
4. Enter the account name and your name and tap **Done**.




Corporate Email

The Email application also provides access to your Exchange ActiveSync server via your phone. If your company uses Microsoft Exchange Server 2003, 2007 and 2010 as the corporate email system, you can use this email application to wirelessly synchronize your email, Contacts and Task information directly with your company's Exchange server.

IMPORTANT This Outlook application does not utilize Microsoft® ActiveSync to synchronize the phone to your remote Exchange Server. This synchronization is done wirelessly over the air (OTA) and not via a direct connection.

Set Up a Corporate Email Account

IMPORTANT Before setting up a Microsoft Exchange ActiveSync account on your phone, contact your company's Exchange Server administrator for your required email settings information.

1. Press  >  >  > **Email**.
2. Tap **Microsoft Exchange** (from the add new email account screen).
3. Enter your **Email address** and **Password** information, then tap **Next**. Consult your company's Exchange Server administrator for further details.
 - **Email address:** Your Outlook work email address.
 - **Password:** Typically your network access password (case-sensitive).
4. Enter a **Server address, Domain** and tap **Next**.
 - **Server:** Your exchange server remote email address. Typically starts with mail.XXX.com. Obtain this information from your company network administrator.

- **Domain:** Enter your network domain\login username. Make sure to maintain the "\" between the domain and the username.
- If your network requires SSL encryption, tap the Use secure connection (SSL) box to place a checkmark and activate this additional level of security.
- If your exchange server requires this feature, leaving this field unchecked can prevent connection.

NOTE Signal interruptions or incorrect username or password information can cause completion issues.

5. Configure your **Update schedule, Days to sync email** (days to synchronize between your phone and server), and activate any other email settings, then tap **Next**.
6. Read the on-screen activation disclaimer and, if prompted, tap **Activate**.
7. Identify your new account with a unique name and provide the outgoing name, then tap **Done**.

IMPORTANT You can synchronize over the air (not directly) with an Exchange Server running Microsoft Exchange Server 2003 Service Pack 2 (SP2) or Microsoft Exchange Server 2010.

NOTE You can have multiple Work Email (Microsoft Exchange) accounts active on your phone.

Open Email

Reading and replying to email on your phone is as simple as on your computer.


1. Press  >  >  > **Email**.
2. Tap a message to read, manage, or reply to.

- From your Inbox screen, tap to select the following options: **Refresh**, **Sort by**, **Accounts**, **Folders**, and **Account settings**.
- While in a message, the options described in the image below are available.




Create and Send Email


Create and send email using any account you have set up on your phone. Increase your productivity by attaching files such as pictures, videos, or documents to email messages.

1. From the Inbox, tap .
2. Enter the recipient's email address in the **To** field.
 - You can add as many message recipients as you want.

NOTE To send an additional carbon copy (Cc) or a blind carbon copy (Bcc) of the current email to other recipients, enter the recipients in the **Cc** or **Bcc** field.

3. Tap the **Subject** field and enter the email subject.
4. Tap the **Body** field and compose your email.
 - To add an attachment (such as picture, video, contact, event, audio, etc), tap .
 - You can access the internal storage and navigate to the file you wish to attach.



- Tap the file you wish to attach.

5. Tap  to send the email.

NOTE If you close the messaging window before sending it, it is stored in Drafts.

Reply to or Delete an Email Message

Replying to or deleting an email is also simple.

1. From the Inbox, tap an email message to view it.
2. With the email message displayed, tap  and choose **Reply**.
 - If you select **Forward**, you must specify the message's recipients.
3. Enter a new message body and tap .

Delete an Email Message

- ▶ Touch and hold an email (from your inbox list) and tap **Delete** from the pop-up context menu.

– or –


With the email message displayed, tap .

Configure and Sync Corporate Email Settings



You can sync and configure various settings for your corporate email and create a corporate email signature.

Sync Your Accounts

1. Press  >  > System settings > Accounts & sync.

2. Tap the Corporate account to reveal the account's synchronization settings screen.
3. Place a checkmark next to each option if you want the phone to automatically synchronize. If you want to manually synchronize, tap  > **Sync now**.

Configure Corporate Email

1. Press  >  > **System settings** > **Accounts & sync**.
2. Tap the Corporate account field to reveal the account's synchronization settings screen.
3. Tap **Microsoft Exchange settings** to access the following settings.
 - **Account name:** Displays the name used by the phone to track the account.
 - **My name:** Displays your name. Tap this to change it.
 - **Signature:** To add a signature or other information to outgoing email.
 - **Update schedule:** Choose the update schedule.
 - **Days to sync email:** Choose how many days of email you want to sync.
 - **Account & sync:** Goes back to Accounts & sync screen.
 - **Out of office settings:** Allows you to set your out of office settings and message.
 - **Message format:** Allows you to set the message format to HTML or Plain text.


- **Message size limit:** Allows you to set the size limit for messages.
- **Entire settings:** Allows you to set the general setting and notification settings, etc.
 - **Set default account:** Allows you to set the default account.
 - **Roaming:** Allows you to retrieve emails automatically while roaming.
 - **Split View:** Allows you to email list with email contents in landscape orientation.
 - **Notifications:** Allows you to decide whether to notify you of new email.
 - **Notification sound:** Allows you to select the notification sound for new emails.
 - **Vibrate:** Allows you to configure vibrate options for new emails.
 - **Vibrate Type:** Allows you to select the vibration type for new emails.
 - **Email permissible range:** Allows you to set the phone to notify you new email from **Everyone**, **My contacts**, **Favorite contacts**, or **Selected contacts**.
 - **Ask before deleting:** Checkmark to set the phone to ask before deleting email.
 - **Show images:** Checkmark to always show external images in mail.
 - **Conversational view:** Checkmark if you want to display email messages with the same subject as a thread.

- **Corporate directory:** Searches online directory for the recipient input.
- **Email preview:** Allows you to set how much lines of email to display as a preview in the mailbox.
- **Email preview (Split view):** Allows you to set how much lines of each email to display as a preview in the mailbox in split view.
- **Change login settings:** Allows you to change the login settings for your account.

4. Tap  to return to the previous screen.

For more detailed Corporate email information, see Corporate Email on page 142. For more information on Corporate Calendar synchronizing, see Synchronize Your Google Account on page 160.






Text and Multimedia Messaging


With text messaging (SMS), you can send and receive instant text messages between your wireless phone and other messaging-ready phones. When you receive a new message, you will be notified by your phone. Messaging is available via the Messaging application in your Applications screen. The  icon appears in Status Bar when a new text message is received.

NOTE See your service plan for applicable charges for text messaging.

Compose Text Messages

Quickly compose and send text messages on your phone.

1. Press  >  >  **Messaging** > .
2. Tap the **To** field and enter the recipient's phone number or email information using the on-screen keyboard.
 - **Contacts:** As you enter either a phone number or email address, if the information matches a current contact's entry information, you will see a match. When you see a match, tap the associated name to complete the addressing.
 - **Mobile:** Tap  to use the keypad to enter a wireless phone number directly.
 - **Email:** You can also enter the recipient's email address.
3. Tap a matching entry from the on-screen dropdown list. This list is populated by matches found from your managed accounts.
4. Tap the text field and enter your message.

- To enter a smiley from the menu options, tap  > **Insert smiley**. Make a selection from the list to insert it into your current message.

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

Read and Reply to Text Messages

When you receive a text message, your phone will notify you.

► Open the Notification Panel and tap the text message notification.

– or –

► Press  >  >  **Messaging** and tap the new message.

Reply to a Text Message






1. While viewing a message, tap the text field.
2. Compose your reply or use the preset messages or icons.
 - To enter a message, use your on-screen keyboard. (See Enter Text on page 48.)
 - To enter a smiley from the menu options, tap > **Insert smiley**. Make a selection from the list to insert it into the message.
3. You may select additional messaging options by tapping .
 - Options include: **Add subject**, **Insert smiley**, **Quick messages**, **Discard**, **Set priority**, **Change skin**.
4. Review your reply and tap **Send**.


Send a Multimedia Message (MMS)

When you need to add a little more to a text message, you can send a multimedia message (MMS) with pictures, voice recordings, audio or video files, or contact cards (vCard).

NOTE See your service plan for applicable charges for multimedia messaging.

Compose Multimedia Messages

1. Press  >  >  **Messaging** > .
2. Tap the **To** field and enter the recipient's phone number or email information. As you enter the phone number or email address, matching contacts appear on-screen. Tap an available matching recipient or continue entering the phone number or email address.
3. Tap text and enter your message.
4. Tap .
5. Select a multimedia attachment type:
 - **Image:** Opens the Gallery application. Use the on-screen navigation to select the picture you wish to send with the outgoing message.
 - **Take Photo:** Opens the Camera application. Take a picture, and then tap **OK** to use this image in your message. (See Take Pictures on page 186.)
 - **Video:** Opens the Gallery application. Use the on-screen navigation to select a video and attach it to your outgoing message.
 - **Record video:** Opens the Camcorder application. Record a video, then tap **OK** to use this video in your message. (See Record Videos on page 192.)

- **Audio:** Opens a menu that allows you to browse for audio files using different applications.
- **Record voice:** Opens the message recorder.
 - After recording your message, tap  to attach it to your message.
- **Slide:** Allows you to create a slideshow with your media files.
 - Tap **Add slide** to create a new slide.
 - Tap the created slide (example, Slide 1), tap **Add picture**, and then select the picture you want to add to the slide.
 - Tap the text field below the image to enter a caption for the picture.
 - When finished, tap **Done** to attach the slideshow to your message.
- **Contact:** Opens your Contacts list and allow you to select a picture of a Contact to send.

NOTE To remove or replace a picture or an audio attachment, on the Compose screen, tap  next to the attachment.

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

Save and Resume a Draft Message

While composing a text or multimedia message, tap  to automatically save your message as a draft.

To resume composing the message:

1. On the All messages screen, tap  > **Draft** to view a list of all of your drafts.
2. Tap the message to resume editing it.
3. When you finish editing the message, tap **Send** or **Send MMS**.

Managing Message Conversations




Text and multimedia messages that are sent to and received from a contact (or a number) are grouped into conversations or message threads in the All messages screen. Threaded text or multimedia messages let you see exchanged messages (similar to a chat program) with a contact on the screen.

To read a text message:

► Do one of the following:

- On the All messages screen, tap the message thread to open and read it.
- If you have a new message notification, touch and slide the Status Bar down to open the Notifications Panel. Tap the new message to open and read it.




To view a multimedia message (MMS):

1. Press  >  >  > **Messaging**.
2. On the All messages screen, tap a message thread to open it.
3. While viewing a message, tap the play icon (on the video or audio file) to playback the file or tap the image to view the picture.

TIP The file attachment on the multimedia message can be saved to your phone's internal storage or external storage. To save the attachment, touch and hold the file and tap **Save** attachments from the Message options context menu. Then, select where to save the file.

NOTE When Auto-retrieve in multimedia message settings is disabled, only the message header is downloaded. To download the entire message, tap the **Download** button at the right side of the message. For details, see **Text and Multimedia Message Options** on page 156.

To reply to a text or multimedia message:

1. Press  >  >  > **Messaging**.
2. On the All messages screen, tap a message thread to open it.
3. While viewing a message, tap the text field and type your reply message.
4. Once completed, tap **Send** or **Send MMS**.

To return to the All messages screen from a text message thread, tap .




NOTE To view the details of a particular message, in the message thread, touch and hold the message to open the options menu, and then tap **View message details**.

NOTE If a message contains a link to a web page, tap the message and then tap the link to open it in the web browser.

NOTE If a message contains a phone number, tap the message and then tap the phone number to dial the number or add it to your contacts.

To protect a message from deletion:

You can lock a message so that it will not be deleted even if you delete the other messages in the conversation.





1. Press  >  >  > **Messaging**.
2. On the All messages screen, tap a message thread to open it.

3. Touch and hold the message that you want to lock.
4. Tap Lock message on the options menu. A lock icon is displayed at the right hand side of the message.





Delete Messages

You can delete a single message or several messages at a time.

To delete a message thread:

1. Press  >  >  > Messaging.
2. On the All messages screen, tap the message thread that you want to delete.
3. Tap  > Delete.
4. Tap **Select all** and tap Delete.
5. When prompted to confirm, tap **OK**. Any locked messages in the thread will not be deleted unless you select the **Delete locked messages** check box.

To delete several message threads:





1. Press  >  >  > Messaging.
2. On the All messages screen, tap  > Delete.
3. Tap the **Select all** checkbox at the top left corner, then tap Delete.
4. When prompted to confirm, tap **OK**. Any locked messages in the thread will not be deleted unless you select the **Delete locked messages** check box.

To view contact details and communicate with a contact:

When you have received a message from someone in your stored contacts, you can tap the contact's photo or icon in the message thread to open a menu of options. Depending on the stored contact information, you can view the contact details, phone or send an email message to the contact, and more.

Text and Multimedia Message Options

The messages settings menu lets you control options for your text and multimedia messages including message limits, size settings, and notifications.

1. Press  >  >  > **Messaging**.
2. On the All messages screen, tap  > **Settings**.
3. Adjust the following settings according to your needs:

- **Storage**

- **Delete old messages:** Enable this option to delete older text messages when the limit for maximum number of text messages is exceeded.
- **Text message limit:** Sets the maximum number of text messages that can be stored on the phone (per conversation).
- **Multimedia message limit:** Sets the maximum number of multimedia messages that can be stored on the phone (per conversation).

- **Attachment storage:** Select where to save the attachments between **Internal storage** and **SD card**.
- **Signature:** Tap this to automatically add signature (blue checkmark displays).
- **Callback number:** Check this to automatically add callback number (blue checkmark displays).
- **Text Message (SMS) Settings**
 - **Set priority:** Select **Normal** or **High**.
 - **Message reassembly:** Enable this option (blue checkmark displays) so that multi-segment messages can be reassembled and shown as a single message. Each segment will still count toward your usage.
- **Multimedia Message (MMS) Settings**
 - **Auto-retrieve:** Enable this option to automatically retrieve the entire content of your multimedia message. When checked, the multimedia message header, message body, and any attachments will automatically download to your phone.
 - If you disable this option, only the multimedia message header will be retrieved and displayed.
 - **Roaming auto-retrieve:** Disable this option if you only desire the multimedia message headers to download while roaming. Enable this option to automatically download your complete multimedia messages even while roaming.
 - **Set priority:** Select **Low**, **Normal**, or **High**.

- **Conversation skin:** Allows you to select the desired conversation skin.
- **Notification**
 - **Notifications:** Enable this option if you wish to receive a notification in the Status Bar when a new text or multimedia message arrives.
 - **Preview:** Enable this option if you wish to preview the contents of messages when new messages arrive.
 - **New message popup:** Enable this option if you wish to see a new message as a pop-up.
 - **Notification sound:** Allows you to select a ringer to sound when a new message is received. Tap this option, and then select a ringtone that is specific to new text and multimedia messages. A sample will briefly be played upon selection.
 - **Vibrate:** Enable this option if you want the phone to vibrate when a new text or multimedia message is received.
 - **Vibrate type:** Choose what type of vibration you wish to apply to new messages.
 - **Message Reminder:** Enable this option if you wish the phone to remind you at every 2 minutes about the messages you haven't read.
- **Quick message:** Tap this to add or edit quick messages. Quick message is the specified text message to send out when you want to ignore an incoming call and respond to the caller with instead.




- **Emergency Alerts Settings**

- **Presidential alert:** Enable this option if you wish presidential alerts to be always presented. This is set to enabled by default.
- **Extreme alert:** Enable this option to receive extreme alerts.
- **Severe alert:** Enable this option to receive severe alerts.
- **AMBER alert:** Enable this option to receive AMBER alerts on child abduction.
- **Test alert:** Enable this option to allow monthly test alerts.
- **Font size:** Allows you to select the font size for emergency alerts.

Synchronize Accounts



Your phone is able to synchronize data from a variety of different sources or sites. These accounts can range from Google, a Corporate Exchange Server, and other social sites, including Facebook and Twitter.

Enable Auto-Sync

1. Press  >  > **System settings > Accounts & sync.**
2. Slide  to the right to turn on synchronization.
 - Tap an account you've already set up to choose the type of data you want to synchronize. For example, you can choose to sync your Google Calendar and/or Gmail data.

Synchronize Your Google Account




By default, there are no accounts managed by the phone. These must be added manually.

1. Press  >  > **System settings** > **Accounts & sync**.
2. Tap **ADD ACCOUNT** > **Google**.
3. Tap **Existing**.

NOTE If you do not already have a Google Account, tap **New** and follow the on-screen prompts to create your new account.

4. Tap the **Email** and **Password** fields and enter your information.
5. Tap **Sign in**. Your phone then communicates with the Google servers to confirm your information.
6. Read the disclaimer about Backup and restore and checkmark to keep the phone backed up with the Google Account. Then, tap **Next**.



Configure Google Sync Settings

1. Press  >  > **System settings** > **Accounts & sync**.
2. Tap the Google Account to reveal the account's synchronization settings screen.
3. Tap the type of data you wish to synchronize (**Sync Calendar**, **Sync Contacts**, **Sync Gmail**, **Sync Google Photos**, **Sync Google Play Books**, and **many more**).
4. Tap  to return to the previous screen.

Synchronize Your Corporate Account

Your phone is capable of synchronizing with your company's Exchange Servers.

To add a new Corporate account:

1. Press  >  > **System settings** > **Accounts & sync**.
2. Tap **ADD ACCOUNT** > **Microsoft Exchange**.
3. Follow the on-screen prompts to create your new Corporate email account. (See Corporate Email on page 142.)
4. Tap the options you wish to configure:
 - **Update schedule:** Allows you to configure when to update emails.
 - **Days to sync email:** Allows you to configure how many days of data you want to sync.
 - **Set as default:** Checkmark this if you wish to set as the default account.
 - **Sync Email:** Checkmark this option to sync emails.
 - **Sync Contacts:** Checkmark this option to sync contacts.
 - **Sync Calendar:** Checkmark this option to sync calendar.
5. Tap **Next**.
6. Read the disclaimer and tap **Activate**.





For more detailed Work/Corporate email information, see Corporate Email on page 142.

All your phone's features are accessible through the Apps list.

Play Store™




Play Store provides direct access to Android applications and games to download and install on your phone.

Access the Play Store

1. Press  >  >  **Play Store**.
2. If not already logged in with your Google Account, tap Existing.
3. Tap  and enter your Google Account information.
4. Touch **Accept** to agree to the Play Store terms of service.


NOTE Play Store options may vary depending on the version installed in your phone. Your Play Store application will update automatically when available.

Select and Install a Google Application







1. Press  >  >  **Play Store**.
2. Browse for an application. Once you have decided on one, tap it to view its details.
3. Read the application descriptions and comments.
4. Tap **Install** (for free applications) or the **Price** button (for paid applications).

NOTE Use caution with applications which request access to any personal data, functions, or significant amounts of data usage times.

5. Tap **Accept & download** (for free applications) or follow the on-screen instructions to pay for the application and tap **Accept & buy**.

6. Check the progress of the current download by opening the Notifications Panel.
7. You will be notified when the item is downloaded and installed on your phone.
8. On the Play Store screen, tap  > **My Apps**, tap the installed application in the list, and then tap **Open**.





Launch an Installed Google Application

1. Press  > .
– or –
Press  >  >  **Play Store** >  **My Apps**.
2. Tap the icon of the newly installed application.

Reinstall a Google Application

If the Android Operating System is ever updated, any data contained on the phone will be erased. The only data stored on the phone are Google applications available via Play Store.

NOTE Pictures, videos, applications and music are stored in the phone's internal memory. Contacts and Calendars are stored remotely on your remote Google or Outlook servers.




1. Press  >  >  **Play Store** >  **My Apps**.
2. Swipe the screen to the left and scroll through the list of previously downloaded Google applications and choose the one you wish to reinstall.
3. Follow the on-screen instructions.

Music





You can play audio files that are stored in your phone's internal storage. Copy audio files from your computer onto your phone before you open the Music application. The Music Player application supports audio files in numerous formats, including MP3, WMA, M4A (DRM-free AAC files, from iTunes®), AMR, MIDI, and OGG Vorbis.

Music Player






You can play music and set as ringtone.

1. Tap  >  >  **Music**.
2. You can select music tracks from the following tabs:
 - **Songs:** To browse through your downloaded music library.
 - **Albums:** To display your music library sorted by album.
 - **Artists:** To display your music library sorted by artist.
 - **Genres:** To display your music library sorted by genre.
 - **Playlists:** To select a customized playlist you've created.
 - **Folders:** To browse for music files using folders.
3. Once you've displayed a list of songs, you can browse through your available titles.
 - To listen to a song or playlist, tap it to begin playing.

Create a Playlist

1. Press  >  >  **Music** > **Playlists** tab.
2. Tap  > **New playlist**.
3. Enter a name and tap **OK**.
4. Select the songs you want to add to the playlist and tap **Add**.

Assign a Song as a Ringtone

1. Press  >  >  **Music** > **Songs** tab.
2. Touch and hold a song you'd like to use as your new ringtone. A context menu is displayed.
3. Tap **Set as ringtone** to set the selected song as your new default ringtone.
4. Confirm the song has been successfully assigned by navigating to your phone's ringtone menu.
 - Press  >  > **System settings** > **Sound** > **Phone ringtone**.








Back Up Your Downloaded Music Files

1. Connect your phone to your PC using a USB cable.
2. Use your computer to navigate to phone's **Music** folder.
3. Select and copy the music files to a folder on your computer's hard drive.

YouTube™

YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts and other original videos.

NOTE YouTube is a data-intensive feature.

1. Press  >  >  YouTube.
2. To search for videos, tap .
3. Enter the text to search for or tap  to search by voice.
4. If entering text, tap a suggestion below the search box or tap  to search.
5. Scroll through the search results and tap a video to watch it.
6. Tap  to return to the previous page.

GPS Navigation

Your phone's built-in GPS capability gives you access to a number of location-based services, including Maps, Navigation, and Scout™ by TeleNav.

Google Maps™




You can use Google Maps to find your current location, to view real-time traffic conditions, to get detailed directions by foot, public transportation, bicycle, or car, and to navigate by using spoken, turn-by-turn driving


instructions using the Google Maps Navigation (beta) service. You can search on a street map or a satellite image to locate an address or a landmark, and you can view some locations as if you were strolling down the street. If you join Google Latitude, you can view your friends' locations on your maps and share your location and other information with them. There are some locations that Maps does not have information about.

Launch Google Maps

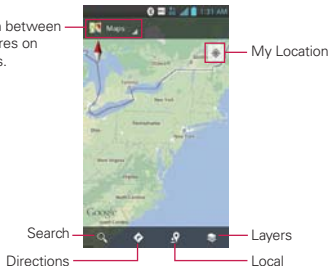
1. Press  >  >  Maps.

NOTE Before using any navigation programs, make sure your phone is set to allow location detection, and then select which sources you want to use.

Press  >  > **System settings > Location access**. Tap the **Access to my location** switch  to enable location detection. Tap the checkmark box next to **GPS satellites** and/or **Wi-Fi & mobile network location** for location sources.

2. Tap . The map centers on a blue arrow that indicates your location. A blue circle around the arrow indicates that your actual location is within the circle.




Tap to switch between various features on Google Maps.



To get an address and additional information for a location:

1. Touch and hold a location on the map. A balloon with the address and a thumbnail from Street View (if available) opens over the location.
2. Tap the balloon to access additional options.





To utilize Google Maps:

1. Press  >  >  **Maps**.
 - If prompted, read the What's new message and tap **OK**.



2. Pinch out or in to zoom in or out of the current map view.

– or –

Tap each icon at the bottom of the screen.







-  (Search) to search for a location.
-  (Directions) to get directions.
-  (Local) to find restaurants, cafes and more.
-  (Layers) to view locations and additional information overlaid on the map.

To search for a location:


1. While viewing a map, tap .
2. 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."
3. Tap . Markers with letter labels indicate search matches on the map.

4. Tap a marker to open a balloon that contains a label. Tap the balloon to open a screen with more information about the location, as well as options for obtaining directions.



To get directions:

1. While viewing a map, tap .
2. Enter a starting point in the **My Location** field, or leave as is to allow GPS to find your location, and your destination in the **End point** field.
 - Tap  to open a menu with options for selecting an address from your Contacts or a point that you touch on a map.
 - To reverse directions, tap  > **Reverse Start & End**.
3. Tap the icon for car, public transit, bicycling, or walking directions.
4. Tap **GET DIRECTIONS**. The directions to your destination appear as a route.
5. You can choose the directions format:
 - Tap **DIRECTIONS LIST** to read directions as text.
 - Tap  to see turn-by-turn directions.
 - Tap  to launch turn-by-turn GPS Navigation (beta) (if available for your region and transportation method).
 - When you're finished, tap  > **Clear Map** to clear the map.

To discover and share places:




1. While viewing a map, tap .
2. Tap a category to begin browsing. Results will appear on the map for the area you're currently viewing.
3. After discovering a place, you can see the location, get directions, or call.

To add layers for familiar features such as Traffic, Terrain or Google Latitude:

1. While viewing a map, tap . A dialog opens with a list of layers as well as shortcuts to any recent searches.
2. Tap the layer you'd like to view to place a blue checkmark. You can add multiple layers.
 - If you turn a layer on, the layer will remain on the map until you specifically turn it off or clear the map.
3. To clear the map of all layers, tap  > **Clear Map**.

Google Navigation

Another Google Maps navigation application is available on your phone. It uses your current location (provided by GPS communication to your phone) to provide various location-based services.

1. Press  >  >  **Navigation**.
2. Read the on-screen disclaimer and tap **Accept**.
3. Choose from the following on-screen options:
 - **Speak Destination** to use the voice recognition feature to search for matching locations in your area.

- **Type Destination** to manually enter a destination address.
- **Contacts** to receive turn-by-turn directions to the address stored for a selected **Contacts** entry.
- **Starred** to obtain directions to locations that have been starred within Google maps (maps.google.com).

Your phone's data capabilities let you wirelessly access the Internet or your corporate network through a variety of connections, including Wi-Fi, 4G, Data Services (3G Network), and Virtual Private Networks (VPN).


This section addresses your phone's data connections and the built-in web browser. Additional data-related features can be found in Accounts and Messaging, Applications and Entertainment, and Tools and Calendar.

Connect Wi-Fi

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 without entering any information. Others are hidden or implement other security features, so you must configure your phone to connect to them.

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

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

Turn Wi-Fi On and Connect to a Network

Use the Wireless & networks setting menu to enable your phone's Wi-Fi radio and connect to an available Wi-Fi network.

1. Press  >  > **System settings** > **Wi-Fi**.
2. Slide the **Wi-Fi** switch  to the right to turn Wi-Fi on and scan for available Wi-Fi networks.
 - A list of available Wi-Fi networks will be displayed. Secured networks are indicated by a lock icon.
 - If the phone finds a network that you have connected to previously, it automatically connects to it.
3. Tap a network to connect to it.
 - If the network is open, you will be prompted to confirm that you want to connect to that network by touching **Connect**.
 - If the network is secured, you will be prompted to enter a password. (Ask your network administrator for details.)
 - When you're connected to a network, you can tap the network name in the Wi-Fi settings screen for details about the speed, security, address, and related settings.

To receive notifications when open or secured networks are in range:

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

1. Turn on Wi-Fi, if it's not already on.
2. From the Wi-Fi settings screen, tap **Network notification** and select **Open networks** or **Any Wi-Fi networks**. Select **Off** if you want to stop receiving notifications.

Add a Wi-Fi Network

You can 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, tap **ADD NETWORK**.
3. Enter the **Network SSID** (name) of the network. If the network is secured, tap the **Security** drop-down menu and tap the type of security used for the network.
4. Enter the required passwords and security credentials.
5. Tap **Save**.

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

To forget a Wi-Fi network:



You can also make the phone forget about the details of a Wi-Fi network that you have added. For example, if you don't want the phone to connect to it automatically or if it is 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.
3. Tap **Forget network**.

Wi-Fi Direct

Wi-Fi Direct supports a direct connection between Wi-Fi enabled phones without an access point. Due to the high battery usage of Wi-Fi direct, it is recommended that you plug your phone into a power outlet while using the Wi-Fi Direct feature.

To turn on Wi-Fi Direct:

1. Press  >  > **System settings** > **Wi-Fi** > **Advanced** > **Wi-Fi Direct**.
2. Tap the **CREATE GROUP** checkbox. (A blue checkmark will appear.)
3. Tap **SEARCH** to search for available phones.

Data Services

With your service, you are ready to start enjoying the advantages of data services. This section will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the web with your phone.

IMPORTANT Certain data services requests may require additional time to process. While your phone is loading the requested service, the touchscreen or on-screen keyboard may appear unresponsive when in fact they are functioning properly. Allow the phone some time to process your data usage request.

Launch a Web Connection

Launching a web connection is as simple as opening the browser on your phone.

- Press  >  >  **Browser**.

NOTE You can connect to the Internet via Mobile network or via Wi-Fi (access by tapping  > System settings > Wi-Fi).

Once the Browser loads, you are directed to the home page.

TIP To change the default home page, tap >  > Settings > General > Set homepage.

NOTE The Browser automatically launches when a web link is touched from within an email or text message.

Data Connection Status and Indicators

Your phone notifies you of the current status of your data connection through status icons in the Status Bar. The following symbols can be displayed:



Your phone is connected to the high-speed 4G Mobile Broadband Network. When the signal bands are animated, your phone is scanning and connecting. During data transfer, the animated icon is not used (for example, when you are opening a web page). When the signal bands are gray, your phone is connected to the network, signal is weak.

When both the bands and the 4G icon are gray, there is no coverage and you are disconnected from the 4G network.



Your phone is connected to the high-speed Mobile Broadband Network(3G/1x). When the arrows are animated, your phone is transferring data. When the arrows are gray, your phone is connected to the network but is not currently transferring data. In either state, you can receive incoming calls.

If you do not see an indicator, your phone does not have a current data connection. To launch a connection, see [Launch a Web Connection](#) on page 175.

Virtual Private Networks (VPN)



From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

Prepare Your Phone for VPN Connection

Depending on the type of VPN you are using at work, you may be required to enter your login credentials or install security certificates before you can connect to your company's local network. You can get this information from your network administrator. Before you can initiate a VPN connection, your phone must first establish a Wi-Fi or data connection. For information about setting up and using these connections on your phone, see [Launch a Web Connection](#) on page 175 and [Turn Wi-Fi On](#) and [Connect to a Network](#) on page 172.

Set Up Secure Credential Storage

If your network administrator instructs you to download and install security certificates, follow the instructions below.



1. Press  >  > **System settings** > **Security**.
2. Tap **Install from storage** and browser for desired certificates.

You can then download and install the certificates needed to access your

local network. Your network administrator can tell you how to do this.

Add a VPN Connection

Use the Wireless & networks settings menu to add a VPN connection to your phone.

1. Press  >  > **System settings** > **More...** > **VPN**.
2. Tap **Add VPN network**.

NOTE A screen lock is required to configure VPN.




3. Configure the settings according to the security details you have obtained from your network administrator.
4. When finished, tap **Save**.

The VPN is then added to the VPNs section of the VPN settings screen.

Connect to or Disconnect From a VPN

Once you have set up a VPN connection, use the Wireless & networks settings menu to connect to or disconnect from the VPN.


Connect to a VPN

1. Press  >  > **System settings** > **More...** > **VPN**.
2. In the VPNs section, tap the VPN that you want to connect to.
3. When prompted, enter your login credentials, and then tap **Connect**. When you are connected, the VPN connected icon  appears in the notification area of the Status Bar.

4. Open the web browser to access resources such as intranet sites on your corporate network.

Disconnect From a VPN

1. Touch and drag down the Status Bar to open the Notifications Panel.
2. Tap the VPN connection to return to the VPN settings screen, and then tap the VPN connection to disconnect from it.

When your phone has disconnected from the VPN, the VPN **disconnected** icon  is displayed in the notification area of the Status Bar.

Browser

Your phone's web browser gives you full access to both mobile and traditional websites on the go, using 3G, 4G, or Wi-Fi data connections.

Learn to Navigate the Browser

Navigating through menus and websites during a data session is easy once you've learned a few basics. Here are some tips for getting around:

Scrolling

As with other menus on your phone, you'll have to scroll up and down to see everything on some websites.

To scroll a web page:

- Slide your finger on the screen in the direction you wish to scroll.

Selecting

Once you've learned how to scroll, you can start navigating the web.



To select items or links:

- ▶ Simply tap a link or an item.

Links, which are displayed as underlined text, direct you to web pages, select special functions, or even place calls.




Go Back

To go back one page:

- ▶ Tap  on your phone or  from the tool bar. Repeat this process to keep going back through your recently visited pages.

Find and Copy Text on a Web Page

To find text on a web page:

1. Tap  > Find on page.
2. Enter the text you're looking for.
 - As you type, the first word with matching characters is highlighted on the screen and subsequent matches are boxed.
3. Tap   to jump to and highlight the previous or next matching word.

To copy text from web page:

1. Open a web page and scroll to the beginning of the text you want to copy
2. Touch and hold the first word of the text you want to copy.

3. Drag either selection tab to expand or reduce the range of selected text.
 - To cancel the selection, simply tap unselected text or empty area.
4. Tap **Copy** on the pop-up menu. The text you selected is copied to the clipboard. You can now use the techniques described in Enter Text on page 48 to paste the copied text into a text field.

Go to a Specific Website

Follow the instructions to go to a particular website by entering a URL (website address).

1. Tap the URL field (top of the Browser window) and enter a new web address.
 - As you enter the address, possible matches are displayed. Tap an entry to launch the desired website.
2. Tap the suggested website.
 - or –
 - Tap the Go key on the keyboard.

Browser Menu

The Browser menu offers additional options to expand your use of the web on your phone.

Open the Browser Menu

The Browser menu may be opened anytime you have an active data

session, from any page you are viewing.


► From any open web page, tap .

Options available within the Browser menu include:

- **Refresh:** Reloads the current web page and displays the most current information.
- **Save to bookmarks:** Allows you to save the current page to your bookmarks.
- **Share page:** Allows you to send a URL via Bluetooth, Email, Gmail, and Messaging.
- **Find on page:** Allows you to search the current Web page for a word.
- **Desktop view:** Allows you to view the current page in desktop view.
- **Save for offline reading:** Allows you to save the current page for reading offline.
- **Settings:** Allows you to configure and manage your Browser settings.
- **Exit:** Allows you to completely exit the Browser.

Adjust Browser Settings


You can change the page settings for your browser, including default zoom level, pop-up blocking, display options, setting your home page, and more.

1. Tap  to open the Browser menu.
2. Tap **Settings**.


3. Select a sub-category and make the desired changes.
 - **General:** Settings for Homepage, Toolbar & Form auto fill.
 - **Privacy & Security:** Settings for managing personal data from web browsing and usage.
 - **Accessibility:** Settings for better visibilities.
 - **Advanced:** Adjust JavaScript and other web content settings.
 - **Bandwidth management:** Settings for Search result preloading and Load images.
 - **Labs:** Experimental functions provided by Google.

Set the Browser Home Page

Customize your web experience by setting your browser's home page.


1. Tap  to open the Browser menu.
2. Tap **Settings > General > Set homepage**.
3. Select one of the available options and enter the necessary information.

Reset the Browser to Default

1. Tap  to open the Browser menu.
2. Tap **Settings > Advanced > Reset to default**.
3. Tap **Yes** to complete the process.

Create Website Settings



You can create settings for individual websites.

1. Tap  to open the Browser menu.
2. Tap **Settings > Advanced > Website settings**. These advanced settings that can be configured for individual sites (ex: Clear location access).
3. Tap **OK** to complete the process.


Create Bookmarks

Make browsing easier by setting up and using custom bookmarks.

You can bookmark web pages so that you can quickly return to them.

1. From any open web page, open the toolbar at the bottom of the screen.
2. Tap . Three tabs are revealed:
 - **Bookmarks**: Displays a list of your current bookmarks.
 - **History**: Displays a record of your browsing history. These records are organized into folders such as: **Today, Yesterday, 5 days ago, and 1 month ago**.
 - **Saved pages**: Displays the pages you've saved for offline reading.
3. In the Bookmarks tab, tap  > **Add bookmark**.
4. Enter a descriptive name and URL for the new bookmark.
5. Tap **OK** to store the new entry to your Bookmarks list.


Create Bookmarks from Other Tabs

1. From any open web page, open the toolbar at the bottom of the screen and tap .
2. Tap the **History** tab.
3. Tap the star icon adjacent to a web page entry. The star now turns gold. This adds the “starred” website to your current Bookmarks list.


– or –

Touch and hold an entry from the list to display a context menu. Then, tap **Save to bookmarks** to add the selected entry to your current list of bookmarks.

Create a New Home Page

1. From any open web page, open the toolbar at the bottom of the screen and tap .
2. Tap either the **Bookmarks** or **History** tab.
3. Touch and hold an entry from the list to display a context menu.
4. Tap **Set as homepage** to assign the selected entry as your new homepage.

Add Bookmarks to Your Home Screen

1. From any open web page, open the toolbar at the bottom of the screen and tap .
2. Touch and hold an existing entry from the list to display a context menu.
3. Tap **Add shortcut to home** to add the selected entry to your Home screen.

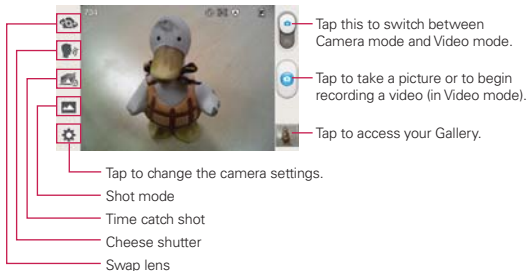
You can use the camera or camcorder to take and share pictures and videos. Your phone comes with a 5 megapixel camera with an autofocus feature that lets you capture sharp pictures and videos.

You can take pictures and record videos using the Camera application. You can also view your pictures and videos with the Gallery application.




NOTE Be sure to clean the protective lens cover with a microfiber cloth before taking pictures. A lens cover with smudges from fingers can cause blurry pictures with a “halo” effect.

Take Pictures

Taking pictures with your phone’s built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button.




To take a picture:

1. Press  >  >  **Camera** to activate camera mode. (Additional camera options are available through the camera settings page. See Camera Settings on page 187 for more information.)





2. Frame your subject on the screen.
3. Tap the subject on the screen to focus on it. A green square around the subject indicates that the camera has focused.

NOTE To zoom in, press the Volume Buttons.


4. Tap  until the shutter sounds. Your phone automatically saves the picture to the internal storage(or SD card).

Camera Settings

From the camera mode, tap each icon to adjust the following camera settings.

-  **Swap lens** to swap between the rear camera lens and the front camera lens.
-  **Cheese shutter** to turn on or off the voice shot. When on, you just say “Cheese”, “Smile”, “Whisky”, “Kimchi”, or “LG” to take a picture.
-  **Time catch shot** to capture the missing moment before pressing the shutter.
-  **Shot mode** to select the shot mode from: **Normal**, **HDR**, **Panorama**, **Continuous shot**, and **Beauty shot**.
 - **Normal**: Captures a normal photo shot.
 - **HDR**: Combines photos taken at different exposures to one optimal photo compensating for backlight by enhancing multiple exposure control.
 - **Panorama**: Multiple continuous photos are assembled into one single

panoramic image. Tap the Capture button to start then slowly turn the camera from one side of the screen to the other.

- **Continuous shot:** Six continuous photos are taken, one after another.
- **Beauty shot** makes the facial skin to appear brighter and smoother.
-  **Settings** to adjust the following camera settings.
 - **Edit quick menu** to edit the quick menus on the viewfinder.
 - **Flash** to set the Flash mode. Choose from **Off**, **On**, or **Auto**.
 - **Brightness** to adjust the brightness setting compatible with the environment.
 - **Focus** to set a focus mode. Choose from **Auto** or **Face tracking**.
 - **Image size** to set the size of your picture.
 - **Scene mode** to choose a scene mode setting. Choose from **Normal**, **Portrait**, **Landscape**, **Sports**, **Sunset**, **Night**, and **Action**.
 - **ISO** to control the camera's sensitivity to light. Choose from **Auto** (default), **800**, **400**, **200**, or **100**.
 - **White balance** to select how the camera adjusts colors in different kinds of light in order to achieve the most natural-looking colors for your pictures. Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent**, or **Cloudy**.
 - **Color effect** to apply different color effects to your pictures. Choose from **None**, **Mono**, **Sepia**, or **Negative**.

- **Timer** to set your camera's timer. This is ideal if you want to be a part of the picture.
- **Auto review** to set whether to view the picture that was just taken. Choose from **Off (default)**, **On**, **2 sec**, or **5 sec**.
- **Geotagging** to use your phone's location-based services. Take pictures wherever you are and tag them with the location. If you upload tagged pictures to a blog that supports geotagging, you can see the pictures displayed on a map.
- **Shutter sound** to adjust the sound the shutter makes when taking a picture.
- **Storage** to choose where to save your pictures.




Other Menus

On the viewfinder, tap  to access the following menus.

- **Edit quick menu:** You can edit the quick menus on the viewfinder.
- **Reset:** You can restore all camera default settings.
- **Camera help guide:** You can see the help guide whenever you want to know how a function operates.

View Your Pictures




The Gallery is where you can access the Gallery of stored camera images. You can view them in a slideshow, share them with your friends, and delete and edit them.

1. Press  >  >  **Gallery**.
2. Select a location and tap an image to view your picture.







Gallery Options

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

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





1. Press  >  >  **Gallery** to view the images stored in the internal storage.
 - Drag left or right to view more albums.
2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
3. Tap a picture in an album to view it.



- Tap a picture again to reveal the following icons:
 -  **SmartShare**: Shares media files with DLNA certified devices.
 -  **Camera**: Opens the Camera.
 -  **Share via**: You can share the picture via various methods such as Messaging or Bluetooth.
 -  **Delete**: Deletes the picture.
- Tap  for the following options: **Set image as, Move, Copy, Rename, Rotate left, Rotate right, Crop, Edit, Slideshow, and Details**.
- Tap  to return to the previous screen.

Assign Pictures







After taking a picture, assign it as a picture ID for a Contacts entry or as the Home screen background image (wallpaper).

1. Press  >  >  **Gallery**.
2. Tap an album and tap an image to view it.
3. With the picture displayed, tap  > **Set image as**.
4. Select an option.
 - **Contact photo** to assign the picture to a Contact entry as a picture ID. Tap an entry from Contacts, crop the image and tap **OK** to assign the picture.
 - **Home screen wallpaper** to assign the picture as a background image, crop the image and tap **OK** to assign the picture.

- **Lock screen wallpaper** to assign the picture as a background image for your lock screen.



Record Videos





In addition to taking pictures, you can record, view, and send videos with your phone's built-in video camera.

1. Press  >  >  **Camera**.
2. Tap  to switch to Camcorder mode.
3. Select **MMS video** to record a short video for email or messaging or **Long video**.
4. Point the lens to frame the scene where you want to start.
5. Tap  to start recording the video. The length of the recording is displayed on the top left part of the screen.
6. Tap  to stop recording. Your video will be automatically saved to the Gallery.

Video Settings

From video mode, tap each icon to adjust the following camcorder settings.

-  **Swap lens** to swap between the rear camera lens and the front camera lens.
-  **Resolution** to define the resolution from **Full HD (1920x1080)**, **HD (1280x720)**, **TV(720x480)**, **VGA(640x480)**, **MMS(320x240)**, **MMS(176x144)**.

-  **Live effect** to provide various visual effects when recording a video. Choose an effect and tap .
-  **Flash** to turn on or off the flash.
-  **Settings** to adjust the following video settings.
 - **Edit quick menu** to edit the quick menus on the viewfinder.
 - **Brightness** to adjust the brightness setting compatible with the environment.
 - **White balance** to select how the camcorder adjusts colors in different kinds of light in order to achieve the most natural-looking colors for your videos. Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent**, or **Cloudy**.
 - **Color effect** to apply different color effects to your videos. Choose from **None**, **Mono**, **Sepia**, or **Negative**.
 - **Auto review** to enable auto review of your video.
 - **Geotagging** to use your phone's location-based services. Take pictures wherever you are and tag them with the location. If you upload tagged pictures to a blog that supports geotagging, you can see the pictures displayed on a map.
 - **Storage** to choose where to save your videos.

Other Menus









On the viewfinder, tap  to access the following menus.

- **Edit quick menu:** You can edit the quick menus on the viewfinder.




- **Reset:** You can restore all camera default settings.
- **Video help guide:** You can see the help guide whenever you want to know how a function operates.

Video Gallery Options

The Gallery is where you can access the Gallery of stored video images. You can view them, share them with your friends, and delete and edit them.

1. Press  >  >  **Gallery** to view the videos stored in internal storage.
 - Scroll left or right to view more albums.
2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
3. Tap a video to view it. You can access the following options:
 -  **QSlide:** Enables an overlay on your phone's display for easy multitasking.
 -  **SmartShare:** Shares media files with DLNA certified devices.
 -  **Lock/Unlock:** Locks the touch keys to prevent unintentional touches.
 -  **Screen ratio:** Allows you to adjust the screen ratio.
 - Tap  to access **Subtitle, Share, Trim, Brightness, Delete, Details,** and **Help** options.

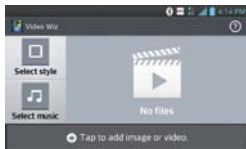
Play a Video





1. Press  >  >  **Gallery** to view videos stored in the internal storage.
 - Scroll left or right to view more albums.
2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
3. Tap a video in an album to play.
 - Tap the video to view the playback controls.





Video Wiz

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

1. Press  >  >  **Video Wiz**.
2. After seeing the brief introduction on the steps, tap **OK**.



3. Tap  to add images and/or video to your movie.
4. Tap the desired images and/or videos, then tap .
- To remove images or videos, tap  and tap  on the images or videos.

- To rearrange them, touch and hold an image/video, drag and drop it to the desired position.
5. Tap **Select style** to select the desired movie style.
 - Scroll through and select the style you want. As you scroll through the styles, a preview is displayed.
 6. Tap **Select music** to set the background music.
 7. Tap  to play your movie.
 8. Tap  to edit the video clip using Text, Sticker, and Magic spot.
 - After editing the video, tap .
 9. Tap  to save the video.

NOTE Tap  to view the help information on using this feature.



Learn how to use many of your phone's productivity-enhancing features.

VuTalk

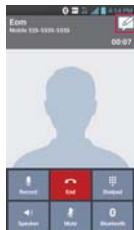
With the VuTalk feature, you can make an interactive and more creative notes with the other party. Visual communication is possible while sharing a photo, a map or cam preview.

- NOTES** Only available with the phone which has this feature as well.
 During a voice call, you can use VuTalk only when connected to the 4G data network or Wi-Fi.
 If there's no drawing or input for a while, the screen can be locked.
 Requires data connection. Data charge will apply to both phones.

Register VuTalk Before Use






1. Press  >  > .
2. Tap .

NOTE You can also register VuTalk service while you are in a call.







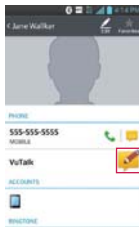
3. Tap the checkmark boxes to agree to VuTalk terms and conditions and VuTalk privacy policy.

VuTalk Settings

1. Press  >  > .
2. Tap  > **VuTalk settings**.
3. Tap the VuTalk switch  to turn it off or on.
4. Set the following options as as your preferences.
 - **Notification sound**: Select the desired notification sound.
 - **Vibrate**: Select the desired vibrate type.
 - **Show request popup**: Checkmark this option to display popup when VuTalk request is received.
 - **Contact sync**: Checkmark this option to sync contacts.
 - **Terms and Conditions**: Tap to view the terms and conditions of VuTalk.
 - **Deactivate my account**: Tap to deactivate your account for VuTalk. Read the disclaimer and tap **Yes**.


Communicate Visually with VuTalk

1. Press  >  > .
2. Tap  to display only the contacts who use the VuTalk feature.
3. Tap a contact to start VuTalk with.



4. In the contact's details screen, tap .


After the other party accepts your VuTalk request, you can start VuTalk with him/her.

5. Tap  to attach a photo, take a new photo, map view, or a sticker.



6. When you finish VuTalk, tap  or  to exit the VuTalk feature.

The created VuTalk screen is stored in **Gallery**.

NOTE If you press  and go back to the home screen, the VuTalk feature is still running.


QuickMemo™

The QuickMemo™ feature allows you to create memos and capture screen shots. You can use QuickMemo to easily and efficiently create memos during a call, with a saved picture or on the current phone screen.

1. While viewing the screen you want to capture and create a memo on, press and hold both Volume Buttons at the same time for one second to access the QuickMemo feature.




— or —








While viewing the screen you want to capture and create a memo on, slide the Status Bar down and tap .







2. Create a memo using the following options:

-  : Tap to enable an overlay on your phone's display for easy multitasking while keeping the memo in the background.

NOTE Tap  to exit the overlay function and go back to the QuickMemo.

-  : Tap to select whether to use the background screen or not use it.
-  : Tap to undo the most recent action.
-  : Tap to redo the most recently deleted action.
-  : Tap to select the pen type and color.
-  : Tap to use the eraser to erase the memo that you created.
-  : Tap to share the memo with others via any of the available applications.
-  : Tap to save the memo you've created.

NOTE Please use a fingertip while using the QuickMemo feature. Do not use your fingernail.

3. After capturing the screen, tap . You can crop the screen using the triangles in each corner. Touch and drag  to the desired part of the screen.
4. Tap  to show the Edit menu and tap  to save the current memo.
5. Tap **Notebook** or **Gallery** to select where to save the QuickMemo.

Discard QuickMemos:

- Tap  until you exit QuickMemo.




View the Saved QuickMemo

Your QuickMemos can be saved in the Notebook application or in the Gallery application.

To view QuickMemos saved in one of your notebooks:

- Press  >  > **Notebook** and select the **QuickMemo note**.

To view QuickMemos saved in your Gallery:

- Press  >  >  **Gallery** and select the **QuickMemo** album.

Capture the Screen

You can also capture the screen display.

- Press the **Down Volume Button + Power/Lock Button** at the same time.

The current image on the screen is captured and will be saved in your Gallery.

To view the screenshots:

► Press  >  >  Gallery and select Screenshots.

QSlide

From any screen, you can bring up a video, web browser, a memo, calendar, or calculator as a window inside your screen




1. From any screen, open the Notifications Panel and tap one of the QSlide apps. The app will appear as a resizable, moveable window on the screen.

- or -

While using an application that supports QSlide, tap . The function will be continuously displayed as a small window on your screen.

2. Resize or move the QSlide window using the following options.
 - Drag the corner to enlarge the window.

- Drag the top bar to move it.
- Tap  to make the QSlide app full size.
- Use the slider to adjust the transparency of the window.





3. To exit the QSlide function, tap .

NOTE You can open up to two QSlide windows at the same time.

SmartShare

The SmartShare application uses DLNA (Digital Living Network Alliance) technology to share digital content through a wireless network. Both phones must be DLNA certified to support this feature.






Turn On SmartShare and Allow Content Sharing

1. Press  >  >  **SmartShare**.
2. Tap  > **Settings**.
3. Tap **Contents share** to checkmark it which enables your phone to be detected by other phones.
4. Tap **Share contents** and checkmark the types of content you would like to share: **Photos, Videos, Music**. Then, tap **OK**.
5. Checkmark **Receive files** to allow other phones to upload media files to your phone.
6. Tap Sharing requests and select **Always accept**, **Always ask**, or **Always deny**.
7. SmartShare is now activated and ready to share the available content type(s) you selected for sharing.





Control Your Renderer Phones

Let your renderer phone (e.g., TV) play multimedia contents from your remote content library (e.g., PC).

NOTE Make sure that the DLNA functionality of your phones is properly configured (e.g., TV and PC).





1. Press  >  >  **SmartShare**.
2. Tap the **Player** icon  at the top right of the screen, then tap the device you want to use from the renderer device list.
3. Tap the **Library** icon  at the top left of the screen, then tap the device that has your remote content library.
4. You can browse through the content library to find the content(s) you want.
5. Touch and hold a content thumbnail and tap **Play** or tap > **Play**.

Download contents from the remote content library

1. Press  >  >  **SmartShare**.
2. Tap the **Library** icon  at the top left of the screen, then tap the device that has your remote content library.
3. You can browse through the content library to find the content(s) you want.
4. Touch and hold a content thumbnail, then tap **Download** in the context menu.

NOTE Some content types are not supported.




Upload contents from the remote content library

1. Press  >  >  SmartShare.
2. Tap the **Library**  icon at the top left of the screen, then select **My phone**.
3. You can browse through the local content library to find the content(s) you want.
4. Touch and hold a content thumbnail, then tap **Upload** in the context menu.
5. Select the device you want to upload the content to.




NOTE Some DLNA enabled phones do not support the DMS upload functionality and will not upload files. Some content types are not supported.

Share contents from your phone to your renderer device (e.g. TV)

NOTE Make sure that your renderer device is properly configured.

1. While watching your photos or videos using the Gallery application, tap  /  /  at the top of the screen.
2. Select the device from renderer lists to play the files.

NOTE Follow the similar steps to use the **Music Player** and **Video Player** to share contents.

-  : Need to be connected network
-  : Select the device on network
-  : Currently, the content is being shared through SmartShare.

NOTE Check that your device is connected with your home network using Wi-Fi connection to use this application.

Some DLNA enabled devices (e.g. TV) support only the DMP feature of

DLNA and will not appear in the renderer device list.

Your device might not be able to play some contents.

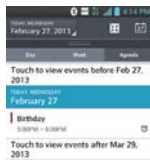
Calendar

With the Calendar application you can view the events you have scheduled in the coming days, weeks, or months.

Open the Calendar

- Press **Home** > **App Drawer** > **Calendar**. If you have created or subscribed to more than one calendar through Google Calendar™ on the web, events from each calendar are displayed in a different color. (For information about which calendars are displayed on your phone, see Display and Synchronize Calendars on page 213.)

Agenda view



Day view



Week view



Month view




In Agenda, Day, or Week view, tap an event to view its details.

Tap a day in Month view to open that day's events.

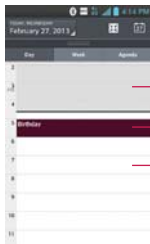
NOTE To go to any day in any Calendar view, tap **Go to date** > Go to date.

Change Calendar View

You can change the calendar view.

- ▶ Tap  > **Day, Week, Month, Agenda**. Each view displays the events in your calendar for the period of time that you specify.

- **Day View**

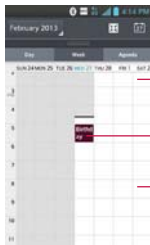


Drag left or right to view earlier or later days.

Tap an event to view its details.

Touch and hold a time slot or an event to create a new event at that time.

- **Week View**



Touch and hold a time slot or an event to create a new event at that time.

Tap an event to view its details.

Drag the screen left or right to view previous or future weeks.

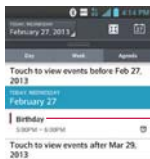
- Month View



Tap a day to view the events of that day.

Drag the screen up or down to view previous or future months.

- Agenda View



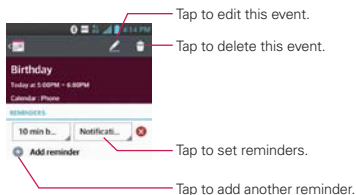
Tap an event to view its details.

Drag the screen up or down to view earlier or later events.

View Event Details


You can view more information about an event in a number of ways, depending on the current view.

- In **Agenda**, **Day**, or **Week view**, tap an event to view its details.
- In **Month view**, tap a day to switch to **Day view**. Then tap an event to open the event summary.



Create an Event

You can use the Calendar tool on your phone to create events that appear on your Phone and in your Google Calendar on the web.


1. Open the Calendar, and  > **New event**.
 - You can also touch and hold a spot in **Day**, **Week**, or **Month** view to open the new event screen with that day and time already entered.
2. Add details about the event.

- Enter a name, and other optional details about the event, just as you would on Google Calendar (on the web). If you have more than one calendar, you can choose the calendar to which to add the event. Tap the **Plus** button to add more reminders. (See Set an Event Reminder on page 212.)
3. Invite guests to the event.
 - In the **Guests** field, enter the email addresses of everyone you want to invite to the event. Separate multiple addresses with commas (,). If the people to whom you send invitations use Google Calendar, they'll receive an invitation through their Google Calendar and by email.
 4. Scroll to the bottom of the screen and tap **Save**.
 - The event will be added to your Calendar. You can also access and configure the event from Google Calendar on the web.

Edit or Delete an Event

You can edit or delete an event that you created on the phone or on the web. You can also edit or delete events created by others, if they have given you permission.

Edit an Event

1. Open Calendar and tap the event to open it. (See View Event Details on page 210.)
2. Tap . (For information on how to create or change event information, see Create an Event on page 210.)


3. Make your changes to the event.
4. Tap **Save**.

Delete an Event


► Tap an event to view the event details. Then, tap . Tap **Yes** to confirm.

Set 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.


1. Open **Calendar** and tap the event to open it. (See View Event Details on page 210.)
2. Tap  **Add reminder** to add a reminder.
3. Tap the reminder time to display a pop-up menu and choose your desired setting.
 - At the designated time, you will receive a notification to remind you about the event (See Respond to an Event Reminder on page 213.). You can also use Google Calendar (on the web) to configure additional reminders.

Delete an Event Reminder

1. Open Calendar and tap the event to open it.
2. Tap  to remove a reminder.

Respond to an Event Reminder

If you set a reminder for an event, the reminder notification appears in the Status Bar when the reminder time arrives. (See Notifications Panel on page 29.)

1. If you receive notifications in the Status Bar, drag the Notifications Panel down to your notifications. Tap the event notification to open the list of Calendar notifications.
2. Tap an event in the Calendar Notifications list to view more information about that event.
3. Tap **Snooze all** in the Calendar Notifications list to receive the reminder again 5 minutes later.
– or –
4. Tap **Dismiss all** in the Calendar Notifications list to delete all reminders in the list.
5. Tap  when viewing the Calendar Notifications list to keep the reminders. The reminders will remain in the Status Bar.


Display and Synchronize Calendars

Initially, all calendars that you create or subscribe to through Google Calendar on the web are also displayed in the Calendar application on your phone. You can select which calendars to show or hide on the phone, and which to keep synchronized.

(For more information, see Synchronize Accounts on page 159.)



Only the calendars that you've created or subscribed to on the web are shown in the **Calendars** list.

To select calendars to display:

1. Tap  > Calendars to display.
2. Checkmark the desired accounts to display those calendars.

Change Calendar Settings

You can change the settings for how the Calendar application displays events and how it notifies you of upcoming events.

- ▶ Open the Calendar, and tap  > Settings > Calendar view settings.
 - **Hide declined events:** When checkmarked, declined events so that they are not displayed in your calendar views. Tap to remove the checkmark and display all events in your calendar views.
 - **Month view style:** Select **Event brief** or **Timeline**.
 - **Show week number:** Displays the week number out of the year.
 - **Week starts on:** Opens a dialog box to configure from when the week starts on.
 - **Use home time zone:** When checkmarked, the phone displays calendars and event times in your home time zone when traveling.
 - **Home time zone:** Opens a dialog where you can set the time zone to use in Calendar when you're traveling, if you have the **Use home time zone** setting checked.
 - **Clear search history:** Allows you to remove all the searches you have performed.
- ▶ Open the Calendar, and tap  > Settings > Reminder settings.

- **Notifications:** Checkmark to allow notifications of new events. When Notifications is set, you can select the notification sound or vibrate type, and whether to pop-up the notification or not.
- **Default reminder time:** Allows you to select the default time set for event reminders.
- **Quick responses:** Allows you to edit the quick responses.


Folders

Folders allow you to organize other Home screen shortcuts and icons, or folders that contain all your contacts, contacts with phone numbers, or starred contacts. Your folder's contents are kept up to date automatically. Organizing in folders can create space to add more shortcuts, widgets, or applications on the Home screen.

Add a Folder

1. Drag and drop an app icon over another app icon.
2. A folder will be created with both app icons in it.

Rename a Folder

1. Tap the folder icon to open it.
2. Tap .
3. Enter the new folder name and tap **OK**.

NOTE You can also change the folder color.

Organize Items in a Folder

- Just drag a shortcut, an icon, or a folder and drop in a folder.

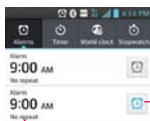
Alarm/Clock

You can use Alarm/Clock application to monitor several types of information at once, in addition to the current date and time.

Open the Alarm

The Alarm/Clock application also allows you to set alarms.

1. Press  >  >  Alarm/Clock.






Tap to turn an alarm on or off.

Tap to configure the alarm.







Tap to delete alarms.

Tap to add an alarm.

2. Tap an existing alarm to change its time and other attributes or tap  to add a new one.
3. Set the time of the alarm. You can change the time by taping the  and  buttons and the AM or PM buttons or tap the hour and minutes fields to enter the time with the keyboard.





4. Tap **Repeat** to set the days when you want the alarm to sound. (If you don't set a repeat, the alarm will only sound on the assigned day.)
5. Tap **Snooze duration** to set the snooze interval time.
6. Tap **Vibration** to have the phone vibrate, in addition to playing the ringtone.
7. Tap **Alarm sound** to select a ringtone for the alarm. The ringtone plays briefly when you select it in **Alarm sound**.
8. Set the alarm volume using the slider.
9. Tap **Auto app starter** to set an application to run when alarm is stopped.
10. Tap **Puzzle lock** if you want to do a puzzle to stop alarm.
11. Tap **Memo** to enter a name for the alarm.
12. Configure any of the other available settings.
13. When you're finished, tap **Save**.

Change Alarm/Clock Settings






1. Press  >  >  **Alarm/Clock**.
2. Tap  > **Settings**.
3. You can set the following options:
 - **Alarm in silent mode:** Tap to place a checkmark and allow your phone to play alarms even when it is in Silent mode.
 - **Side button behavior:** Allows you to set the desired behavior of the Volume Buttons when pressed during an alarm.

- **Puzzle lock options:** Allows you to choose the puzzle type to use during the puzzle lock.
- **Vibrate type:** Allows you to set the vibrate type.

Set a Timer

1. Press  >  >  **Alarm/Clock** >  **Timer** tab.
2. Tap the **Hour/Minute/Second** tabs to set the timer.
3. Tap **Vibration** to have the phone vibrate along with the alert sound. (A blue checkmark appears.)
4. Tap **Alert sound** to select the alert sound.
5. Use the **Alert volume** slider to set the alert volume.
6. When you're finished, tap **Start**.

Set World clock

1. Press  >  >  **Alarm/Clock** >  **World clock** tab.
2. Tap  to add a city.
3. Enter the city name in the search field and tap **Done**.





As you key in, the cities which starts from the letters are displayed.

– or –

Scroll through the cities list and tap the city.

4. You can add cities as many as you want. Repeat steps 2 and 3.



Play Stopwatch

1. Press  >  >  Alarm/Clock >  Stopwatch tab.
2. Tap **Start** to start stopwatch time.
3. Tap **Stop** to stop the stopwatch.
 - While measuring time, tap **Lap** to view lap times.

Tasks

You can add your tasks in Tasks application and synchronize with MS Exchange account.

Synchronize MS Exchange

1. Press  >  > System settings > Accounts & sync.
2. Tap **ADD ACCOUNT**.
3. Tap **Microsoft Exchange** to enter Email address and Password information. For further information about adding a Microsoft Exchange account, see Set Up a Corporate Email Account on page 142.
4. Make sure that you place a checkmark on **Sync Tasks**.

Add a task

1. Press  >  >  **Tasks**.
2. Tap  to add a new task.



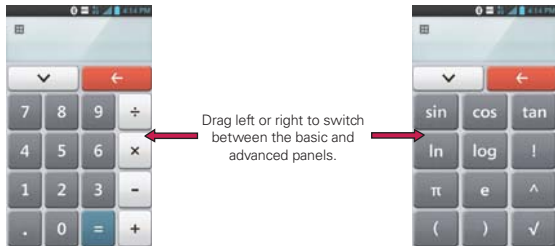
Select where to save this account, only on the phone or sync with MS Exchange account.



3. Tap **Tasks** and select the account.
4. Enter the corresponding information on each field and **Save**.

Calculator

You can use the Calculator application to solve math problems.

1. Press  >  **Calculator**.



2. Enter numbers and arithmetic operators on the basic panel.
3. Drag the basic panel to the left to open the advanced panel.
4. Touch and hold the Calculator's display to open a menu where you can copy what you've entered and access other tools.
5. Tap  to delete the last number or operator you entered. Touch and hold  to delete all of the entered information.

Bluetooth





Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth phones, such as headsets and hands-free car kits, Bluetooth-enabled handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually up to approximately 30 feet.

Turn Bluetooth On and Off




By default, your phone's Bluetooth feature is set to Off. Turning Bluetooth on makes your phone "discoverable" by other in-range Bluetooth phones.

NOTE Activating Bluetooth can drain your battery faster and reduce your available usage times. To conserve your phone's battery, turn off Bluetooth when not in use. Always turn off your Bluetooth when you are in locations that prohibit its use.

Turn Bluetooth On

1. Press  >  > **System settings** > **Bluetooth**.
2. Slide  to the right to activate the feature. When active,  appears within the Status Bar.

Turn Bluetooth Off

1. Press  >  > **System settings** > **Bluetooth**.
2. Slide  to the left to deactivate Bluetooth.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:



– Bluetooth is active



– Bluetooth is connected to a Bluetooth device





Bluetooth Settings Menu


The Bluetooth settings menu allows you to set up many of the characteristics of your phone's Bluetooth service.

Includes the following:

- Entering or changing the name your phone uses for Bluetooth communication
- Setting your phone's visibility (or "discoverability") for other Bluetooth phones

To access the Bluetooth Settings menu:

1. Press  >  > **System settings** > **Bluetooth**.
2. Slide  to the right to activate the feature. When active,  appears within the Status Bar.
3. Set the following Bluetooth options:
 - **LGL25L** (by default): Tap to rename your phone's Bluetooth name.

NOTE Your phone is visible for up to 2 minutes. This value appears as a countdown within this field. You can change the visibility timeout. From the Bluetooth settings screen, tap  > Visibility timeout, then tap your preference.

- **Make phone visible:** Tap to place a checkmark and make your phone visible to other phones for pairing and communication. Tap again to uncheck and make your phone invisible.


- **Device type to be searched:** Tap to select the type of devices you want to search for. The default settings is **All devices**.
4. Tap **Search for devices** at the bottom of the screen to search for in-range Bluetooth-compatible devices. Make sure the target device is set to be discoverable.

Pairing Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your phone and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

Pair Your Phone


1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap **Make phone visible** to make your phone visible. Your phone must be visible to successfully pair with an external device.
3. Tap **Search for devices**. (Your phone will display a list of discovered in-range Bluetooth devices.)
4. Tap a device from the list to initiate pairing.
5. Depending on the device, you might have to tap Pair to accept the passkey (if they match), confirm matching passkeys, or enter the passkey or PIN Code.
6. Tap **Done > OK** if you entered a passkey or PIN code or passkey.

7. The external device will then have to accept the connection and enter your phone's PIN code.
 - Once successfully paired to an external device,  appears within the Status Bar.

NOTE Due to different specifications and features of other Bluetooth-compatible phones, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible phones. Pairing between two Bluetooth phones is a one-time process. Once a pairing has been created, the phones will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

Disconnect a Paired Phone

Disconnecting a paired device breaks the connection between the device and your phone, but retains the pairing. At a later point when you wish to reconnect the device, there is no need to setup the connection information again.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings page, tap  next to the previously paired device (under the PAIRED PHONES section).
3. Tap **Unpair**.





NOTE Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or if it is powered off.

Send Items via Bluetooth





Depending on your paired phone's settings and capabilities, you may be able to send pictures, videos, Contacts information, or other items using a Bluetooth connection.

NOTE Prior to using this feature, Bluetooth must first be enabled, and the recipient's phone must be visible. If no phones are detected, tap **Search for devices** to begin a new search.

Send Contact Information



1. Press  >  >  **Contacts**.
2. Tap an entry to open its details page.
3. Tap  > **Share** > **Bluetooth**.
4. Tap a paired phone.
 - The external Bluetooth phone must be visible and communicating for the pairing to be successful.

Send Pictures and/or Videos

1. Press  >  >  **Gallery**.
2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
3. Tap , then checkmark pictures and/or videos to share.
4. Tap **Share** > **Bluetooth**.
5. Tap a paired phone.
 - The external Bluetooth phone must be visible and communicating for the pairing to be successful.

Disconnect Bluetooth Connection During an Active Call

You can manually disconnect or unpair from a Bluetooth phone through the Bluetooth settings menu.

- ▶ During an active call, where the audio is being routed through a connected Bluetooth phone (headset or hands-free connection), tap **Bluetooth** to route the phone's audio through the connected Bluetooth headset (On) or through the speaker (Off).
- When the call is routed to a Bluetooth headset, the current call area is surrounded by a blue box, the Bluetooth button indicates it's on, and the Bluetooth call icon  is displayed in the Status Bar.
- When Bluetooth is turned off, the call is routed through either the earpiece or speaker, the call area is surrounded by a green box, the Bluetooth button indicates it's off, and the Call icon  is displayed in the Status Bar.



NOTE Communication can be toggled between the Bluetooth headset and the phone earpiece or speaker by tapping the Bluetooth button On or Off.

System Updates

From time to time, updates may become available for your phone. You can download and apply updates through the Settings menu.




Update Your Android Operating System

This option allows you to update the Android Operating System (OS) on your phone via an over-the-air connection. There are two components: User-Interface (UI) firmware and Google OS.

1. Press  >  >  > **Settings > System updates > Update Firmware and Update LG software.**
2. Follow the on-screen instructions.




Update Your Profile

This option allows you to automatically update your online user profile information. If you choose to change your user name and select a new one online, you must then update the user name on your phone.

1. Press  >  >  > **Settings > System updates > Update profile.**
2. Follow the on-screen instructions.

Update Your PRL

This option allows you to download and update the PRL (Preferred Roaming List) automatically.

1. Press  >  >  > **Settings > System updates > Update PRL.**
2. Follow the on-screen instructions.

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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