

# Phone Overview

## Front View



**NOTES** All screen shots in this guide are simulated. Actual displays may vary. Instructions to perform tasks in this guide are based on the default phone settings and may change depending on the software version on your phone.

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

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

**NOTES**

- Do not block the sensor or near the sensor to avoid problems with the touchscreen.
- The use of a film cover produced by manufacturers other than LG can cause a disturbance in touch operation, the display, etc.

3. **Quick Keys** Allow quick access to your most used applications. To add an icon, touch and hold the desired icon and drag it to the Quick Keys bar. Release it at the desired location. To remove an icon, touch and hold it, then drag it out of the Quick Keys bar.

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

5. **Home Key** Returns to the Home screen. If you're already viewing one of the Home screen extension canvases,

it navigates you to the central Home screen canvas. Touch and hold to view the most recently used applications.

6. **Menu Key** Opens an options menu with options that affect the current screen or application.
7. **Touchscreen** Displays all the information needed to operate your phone, such as applications, call status, date, time, signal status, and battery strength.
8. **Front Camera Lens** Use to take photos and video of yourself. Keep clean for optimal performance.

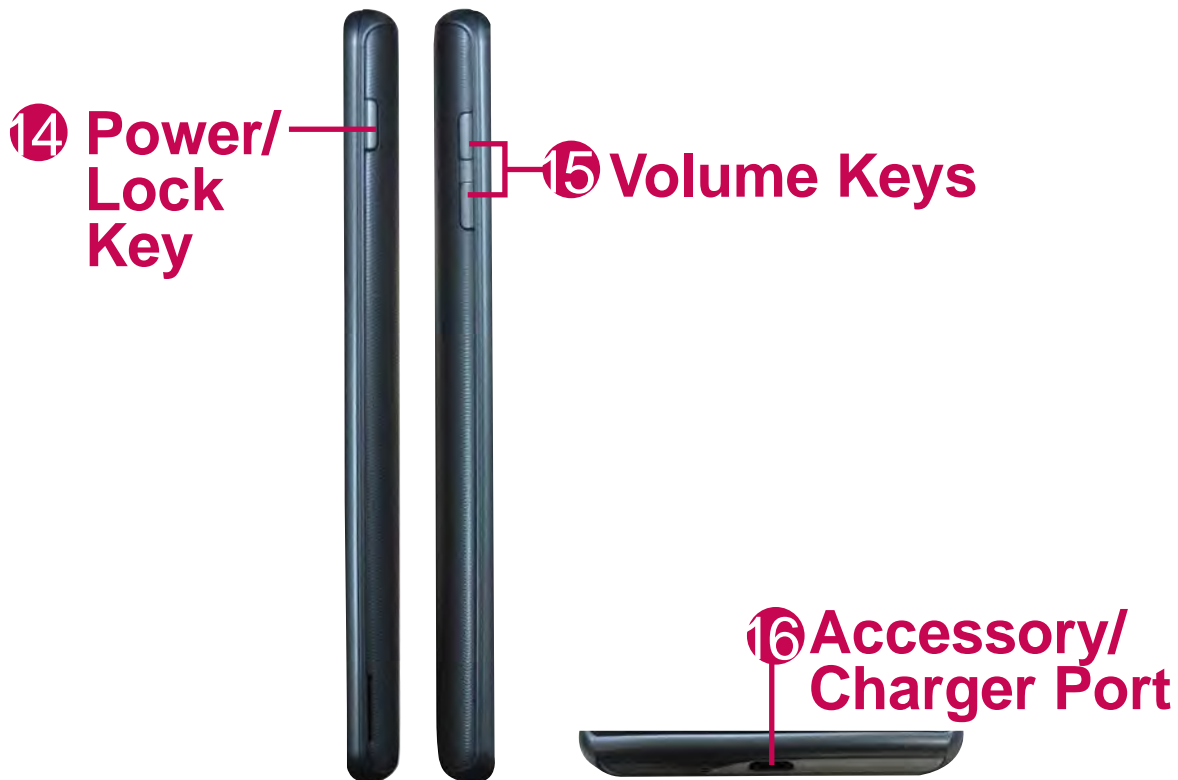
## Rear View



- 9. **3.5mm Headset Jack** Allows you to plug in an optional headset for convenient, hands-free conversations. You can also plug in headphones to listen to music.
- 10. **Back Camera Lens** Use for taking photos and recording videos. Keep clean for optimal performance.

- 11. **Back Cover** Encloses the battery compartment.
- 12. **Speaker** Allows you to hear sounds and ringers. It also allows you to hear the caller's voice when using Speaker mode.
- 13. **Microphone** Transmits your voice to the other caller and allows use for Voice-activated functions.

## Side View



14. **Power/Lock Key** Locks the screen with a single press. Press and hold to open the phone Options menu for the following options: Power off, Power off and restart, and Turn on/off Airplane mode. You can also change the ringer type from this menu.
15. **Volume Keys** Allows you to adjust the ringer, media volumes, or the in-call volume during a call.
16. **Accessory/Charger Port** Allows you to connect the phone charger, USB cable, or other compatible accessories.

# Installing the Battery and microSD Card

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

## Installing the battery

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

1. Use the fingertip cutout along the lower right side edge of the phone to remove the back cover.





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



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





## Removing the Battery

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

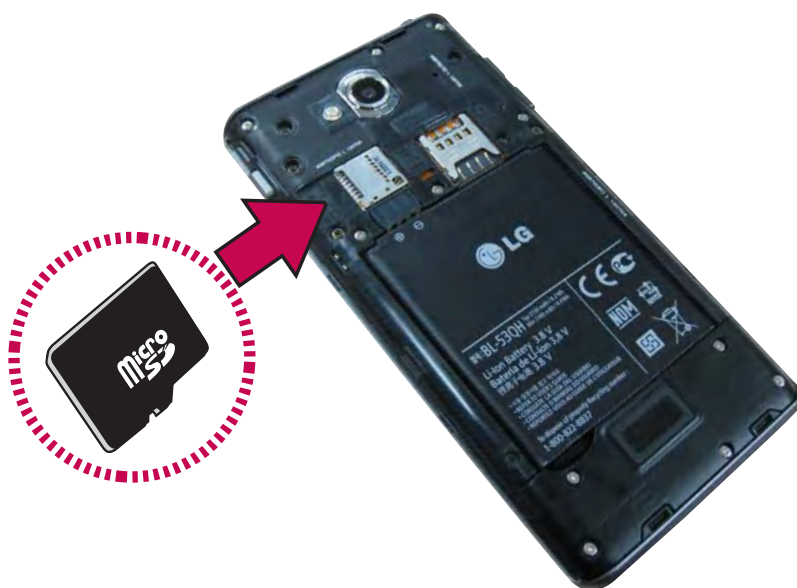


2. Remove the battery from the battery compartment by lifting the bottom of the battery using the fingertip cutout.



Installing the Battery and  
microSD Card (3/7)

# Inserting a microSD card



1. Remove the back cover (as demonstrated in the previous instructions) and locate the microSD card slot (microSD is inscribed near the slot opening).
2. Position the microSD card with the label side facing up and slide it into place until it is fully inserted and locked in place.

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

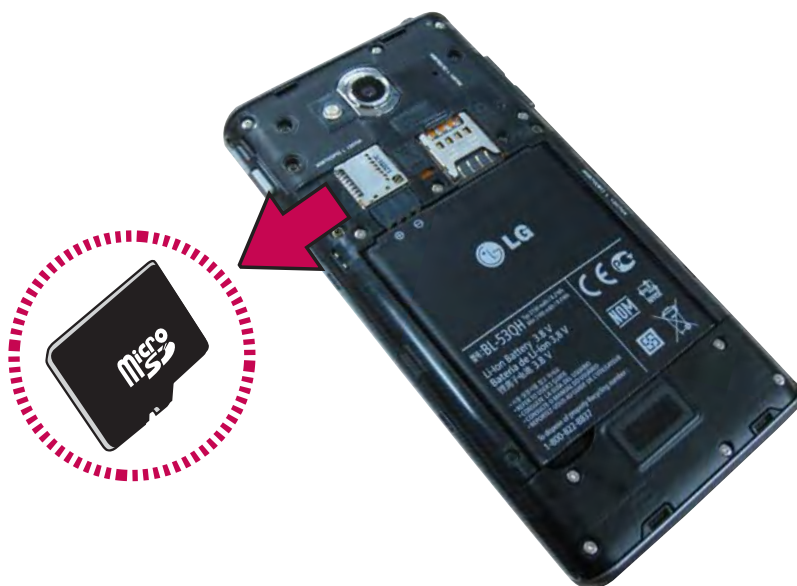
**NOTE** microSD cards are optional and sold separately.


## To remove the microSD card

1. You must first unmount the microSD card prior to removing it (see section below).
2. Remove the back cover and locate the microSD card slot.
3. Carefully pull the microSD card out to remove it.

## To unmount the microSD card

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



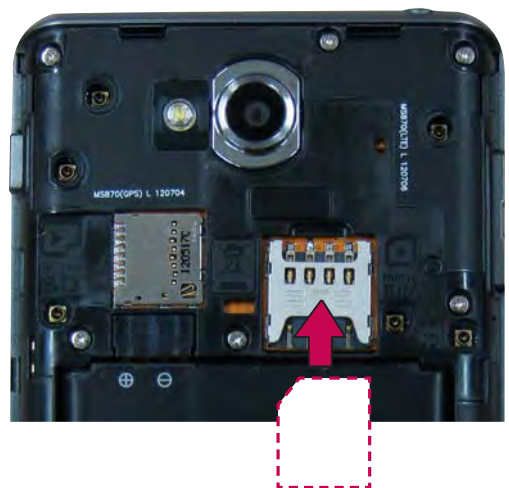
1. From the Home screen, touch the **Apps Key** .

2. Touch **Settings**  > **Storage**.

3. Touch **Unmount SD card** > **OK**.

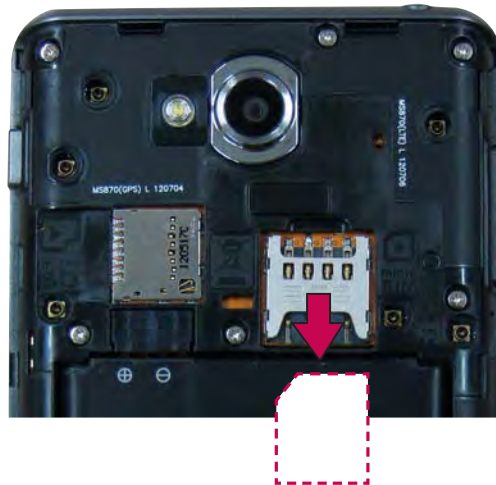
## Installing the 4G micro-SIM card

1. Turn the power off and remove the back cover and battery (as demonstrated in the previous instructions).
2. Locate the 4G micro-SIM card slot (a SIM card graphic is inscribed near the slot opening).
3. Position the 4G micro-SIM card with the label side facing up and slide it into place until it is fully inserted and locked in place.



## Removing the 4G micro-SIM card

1. Turn the power off and remove the back cover and battery.
2. Locate the 4G micro-SIM card slot.
3. Gently slide the 4G micro-SIM card out to remove it.

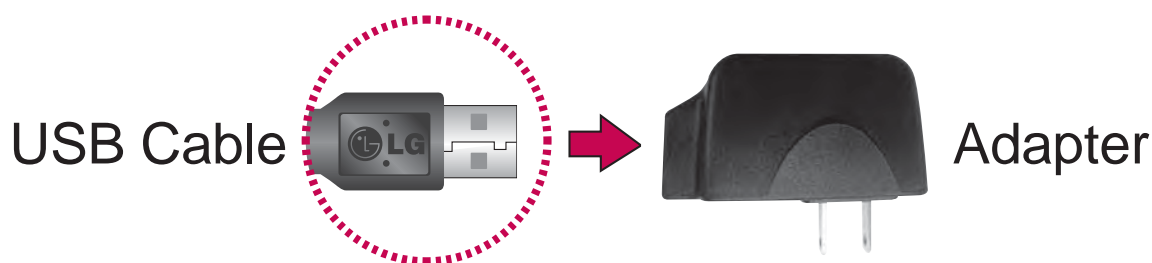


# Charging your phone

Your device comes with an adapter and a USB cable which connect together to charge your phone. To charge your phone:

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

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



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





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



## Charging with USB

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

# Optimizing Battery Life

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

## To stop applications from running in the background



From the Home screen, touch the **Apps Key**  > **Settings**  > **Apps** > **Running** tab and select the items that are no longer in use and touch **Stop**.

## Tips to extend the life of your battery

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

- ▶ Turn down screen brightness and set a shorter screen timeout.
- ▶ Turn off automatic syncing for Gmail, Calendar, Contacts, and other applications if you don't need it.
- ▶ Use the Power Control widget to control the wireless connections, GPS connection, Bluetooth power, display brightness, and syncing activity.



## To check the battery charge level

- ▶ From the Home screen, touch the **Apps Key**  > **Settings**  > **About phone** > **Status**.

The battery status (Charging or Discharging) and level (as a percentage of fully charged) will be displayed at the top of the screen.

## To monitor and control what uses the battery

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

- ▶ From the Home screen, touch the **Apps Key**  > **Settings**  > **About phone** > **Battery** > **Battery use**.

The screen will display battery usage time. A list of applications or services using battery power are displayed in order of energy used, from greatest amount to least.

- ▶ Touch an application in the Battery use screen to see the details about its power consumption. Different applications offer different kinds of information and they may even include

options to modify the settings so you can reduce power consumption by that application.

## Setup Wizard

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

You can also set up social networking accounts, such as Facebook and Twitter.

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

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




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

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




# Turning the Phone On and Off

## Turning the phone on

- ▶ Press and hold the **Power/Lock Key**  for a couple of seconds until the screen turns on.

## Turning the phone off

1. Press and hold the **Power/Lock Key**  until the Phone options menu appears.
2. Touch **Power off**.
3. Touch **Yes** to confirm that you want to turn off the phone.

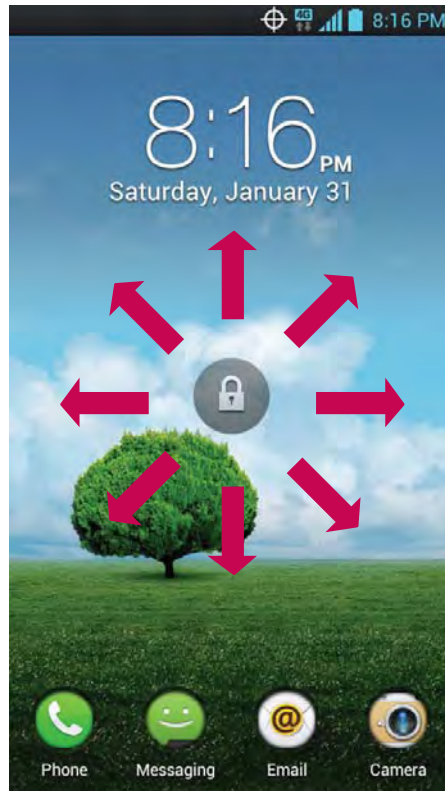
## To unlock the phone

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

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



2. Swipe in any direction to unlock. The last screen you were working on opens.

**NOTE** This is the default Lock Screen. If you've set up an Unlock Pattern, use your fingertip to draw the pattern.




## To turn the phone sounds off


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

From the Home screen, press and hold the **Power/Lock Key** , then touch **Silent mode** .

OR

Press the **Volume Down Key**  until all sounds are turned off or vibration is set.

OR

Open the Notifications panel and touch the Sound icon until  is displayed.

## Setting Up Your Device

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


**To set up your device, follow the steps below:**

1. On the Welcome screen, select your language and touch **Next**.
2. Set your internet connection and touch **Next**.

3. Select **Sign in** to sign into your Google Account or **Get an account** to create one. Touch **Not now** to skip to the next step. With a Google Account, Google applications are automatically synced between your phone and computer regardless of where you make an update.
4. Set your Google location settings and touch **Next**.
5. Set up your email and social networking accounts and touch **Next**.
6. Touch **Done** to start using the phone.

## Setting up your Google Account

1. At the setup screen, touch **Existing** or **New**.
2. Enter your username and password and any other necessary information (if creating an account).

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

### 3. Touch **Sign in**.

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

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

Username: \_\_\_\_\_@gmail.com

Password: \_\_\_\_\_

### **Your Google Account**

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

### **IMPORTANT**

- If you want to restore your settings to this phone, from another phone that was running Android release 4.0 or later, you must sign into your

Google Account now, during setup. If you wait until after setup is complete, your settings are not restored.

- If you don't have a Google Account, you're prompted to create one.
- If you have an enterprise account through your company or other organization, your IT department may have special instructions on how to sign into that account.
- When you sign in, your contacts, Gmail messages, Calendar events, and other information from these applications and services on the web are synchronized with your phone.
- If you don't sign into a Google Account during setup, you are prompted to sign in or to create a Google Account the first time you start an application that requires one, such as Gmail or Play Store.
- When you sign in, you're prompted to enter your username and password, using the on-screen keyboard.




# Phone's Status Icons

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




Notification icons

Status icons

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

The following icons indicate the status of your phone.

## Call icons







	Mute microphone during a call		Missed call
	In call		In call using Bluetooth device

	Speaker on	
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## Calendar & Alarm icons

	Alarm set		Calendar event
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## Email Messaging icons
















	New Email received		Sending Email failed
	Sending message failed		New text or multimedia message received
	Google Talk message received		New voicemail received

## Sound icons








	Music playing		Silent mode
	Vibrate mode		Phone jack connected

## Network icons














	4G network connected		4G network in use
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	Downloading data through 4G network		Uploading data through 4G network
	EVDO network connected		Using EVDO data network
	Download through EVDO data network		Upload through EVDO data network
	Downloading data		Uploading data
	GPS on		Searching the current location via GPS
	No service		Weak network signal
	Airplane mode		Roaming
	Location service on		

## Connectivity icons

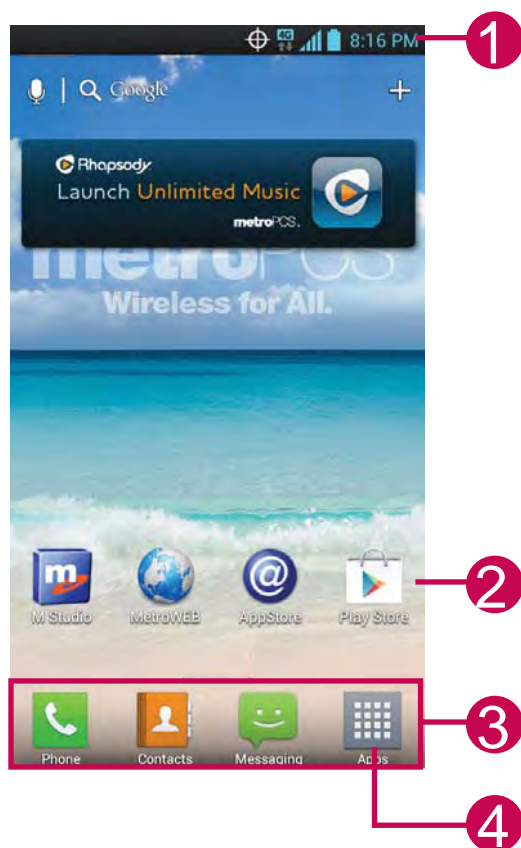
	Weak Wi-Fi signal		Strong Wi-Fi signal
	USB debugging connected		USB connected
	Bluetooth on		Bluetooth device connected
	4G Mobile Hotspot on		

# System icons

	More icons available		System secured
	System error		Preparing SD card
	No SIM card		SD card error
	Sync in process		Unknown SIM card
	Battery empty		Sync error
	Battery charging		Battery full
	Battery status unknown		

# Getting to Know the Home Screen

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





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

2. **Application Icon** Touch an icon (application, folder, etc.) to open the application and use it.
3. **Quick Keys** Provide easy, one-touch access to the functions you use the most.
4. **Apps Key** Touch to open the Applications screen to view all of your installed applications.


## Quick Keys


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

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

: Opens the **Contacts** application. You can access Dial, Call logs, and Favorites by touching the tabs across the top of the screen.



: Opens the **Messaging** application so you can send and receive text and multimedia messages.

: Opens the **Applications screen** and displays all pre-installed and downloaded applications.

**NOTE** To add an icon, touch and hold the desired icon and drag it to the Quick Keys bar. Release it at the desired location. To remove an icon, touch and hold it, then drag it out of the Quick Keys bar.

## To return to the Home screen

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

## To view other Home screen canvases

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

# Touchscreen

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

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

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

**Touch and hold** Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs. For example, to open a Context menu for editing a contact, touch and hold a contact entry until the menu pops up.



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

**Swipe or slide** 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 drag or slide the screen up or down to scroll a list or browse through the different Home screen canvases by swiping from left to right (and vice versa).

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

**Pinch-to-Zoom** Use your index finger and thumb in a pinch or spread motion to zoom in or out when using the MetroWEB, a map, or photos.

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

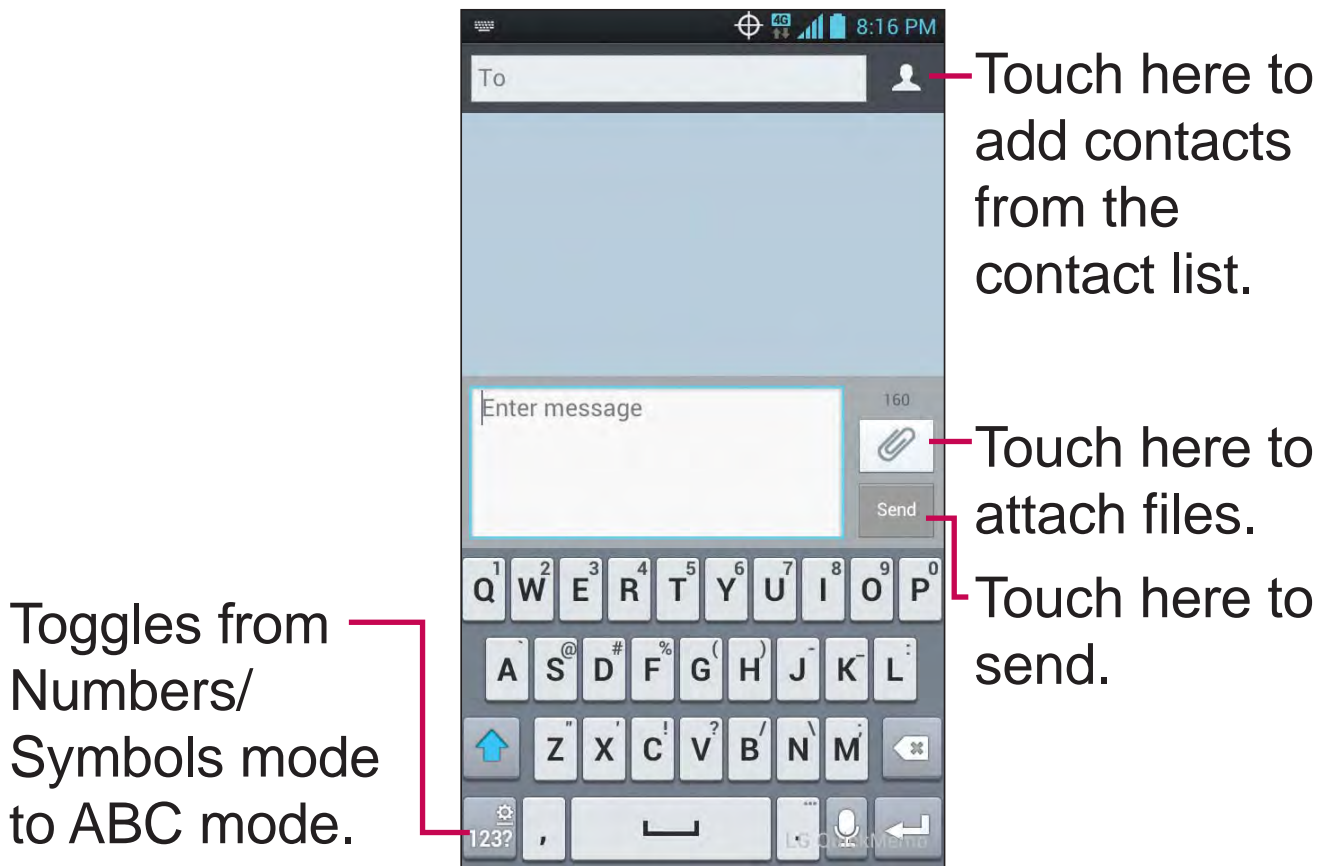
**Capturing the screen** If you press the **Volume down**  and **Power/ Lock Key**  at the same time, the current image on the screen is captured. You can find the captured image in the Gallery (Note that you cannot capture an image from some videos and applications).

## **Text Input Methods**



### **On-screen Keyboard**

You can easily enter text using the on-screen keyboard. The on-screen keyboard displays automatically on the screen when you need to enter text. To manually

display the keyboard, simply touch a text field where you want to enter text.




## Text input settings

To change your text entry settings and see the dictionary of terms you've used, from the Home screen, touch the **Apps Key**  > **Settings**  > **Language & input**. The following options are available.

**Language** - Allows you to change the keyboard language.


**Personal dictionary** - Allows you to add personal words that are not in the standard dictionaries.

**Default** - Allows you to choose the default keyboard to use when entering text.

**Google voice typing** - Checkmark to select Google voice typing to enter text. Tap  to change the Google voice typing settings.

**Select input languages:** Allows you to select the languages to support with Google voice typing.

**Block offensive words:** Checkmark to hide recognized offensive text.

**LG Keyboard** - Checkmark to select the LG Keyboard to enter text. Tap  to change the following settings.

**Input language & type:** Allows you to select the keyboard language and type.

**Word suggestion:** Allows you to set word prediction and auto word correction.

**Auto capitalize:** Checkmark so capitalize the first letter of the word automatically.

**Auto punctuation:** Checkmark to insert a period when double tapping the space key.

**Voice typing key:** Checkmark to display the Voice typing key on the keyboard.

**Touch feedback:** Allows you to set key preview, sound feedback, and vibrate feedback when typing.

**Handwriting:** Allows you to set the pen width, color, and delay time.

**Hide keyboard:** Checkmark to allow the keyboard to hide by swiping down.

**Fuzzy pinyin:** Checkmark to automatically correct common pinyin mistakes.



**Software version:** Displays the LG Keyboard software version.

**Voice Search** - Allows you to set various voice search options.

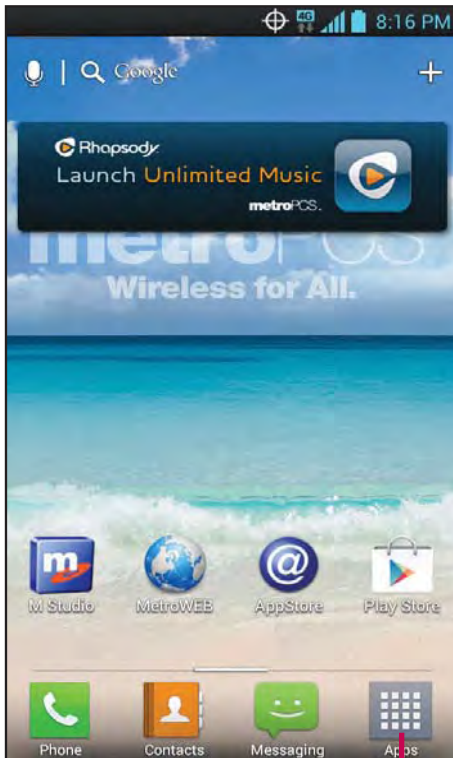
**Text-to-speech output** - Allows you to set the preferred speech engine, speech rate, and listen to an example of the speech engine.


**Pointer speed** - Allows you to change the pointer speed.

# 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 the Applications screen, which you access from your Home screen. Swipe to the left or right to view more applications. You can also touch the **Downloads** tab to display only downloaded applications or the **Widgets** tab to view only widgets.

## Home screen



Touch  to open the Applications screen.

## Applications screen



Slide the screen left or right to display more icons.


Touch an icon to open the application.

# Your Home screen

## Customizing an application icon from the Home screen



You can further personalize the Home screen by editing application icons using the images in your Gallery.

1. Touch and hold an icon until the canvas grid is displayed, then release the icon. An editing icon  appears at the upper right side of the application icon.
2. Touch the icon and select the desired icon design.



**OR**

Touch **Create photo icon** and select **Take photo** to open the Camera application and take a picture or **Select from Gallery** to choose one of the available photos.


**NOTE** Touch  to select bigger icons.

## Opening and Closing the Applications screen

### Opening the Applications screen

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

## Closing the Applications screen

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




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

## Customizing the Applications screen

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

## Rearranging the Applications screen icons



You can rearrange the order of the icons on the Applications screen to provide more convenient access to the applications you use the most.

1. From the Home screen, touch the **Apps Key** .
2. Touch the **Apps** tab (if necessary), then touch the **Settings** icon  at the top right of the screen. The Settings icon changes to a checkmark .
3. Touch and hold the application icon you want to move, drag it to its new position, then lift your finger. The remaining icons shift to the right.

**NOTE** If you drag the application icon onto another application icon, a folder is created with both of the applications in it.

## Reverting to alphabetical order



You can revert all of your application icons on the Applications screen back to the initial order.

1. From the Home screen, touch the **Apps Key**  to open the Applications screen.
2. Touch the **Menu Key**  > **Reset** > **OK**.





## Sorting applications

You can sort all of your application icons on the Applications screen by alphabetical order or installation date.

1. From the Home screen, touch the **Apps Key**  to open the Applications screen.
2. Touch the **Menu Key**  > **Sort by** > **Alphabetical order** or **Installation date**
3. Touch **OK**.



## Changing the icon size

You can change the size of the icons on the Applications screen.

1. From the Home screen, touch the **Apps Key**  to open the Applications screen.
2. Touch the **Menu Key**  > **Show small icons (Show large icons)** > **OK**.




## Changing the Applications screen wallpaper

You can personalize the Applications screen further by changing the wallpaper.

1. From the Home screen, touch the **Apps Key**  to open the Applications screen.
2. Touch the **Menu Key**  > **Apps wallpaper**.
3. Select from **Sky**, **Transparent Black**, **Transparent White**, and **Water Drop**.
4. Touch **Apply**.

## Checking application information

To check on an application's information from the Applications screen:

1. From the Home screen, touch the **Apps Key** .
2. Touch the Apps tab, then touch the **Setting** icon  at the top right of the screen. The Settings icon changes to a checkmark .

3. Touch any of the application icons to display an information dialog box.
4. Touch **OK** to exit.

## Opening and Switching Applications

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

### Opening an application

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


**TIP** You can customize your Home screen with the application icons you use most often. Applications are located on the Applications screen, but you can copy any application icon to your Home

screen for faster access. No matter where the icon is, on the Applications screen or your Home screen, just touch it to open and use it.



## Opening multiple applications

1. Touch an application icon to open it.
2. Touch the **Home Key** .

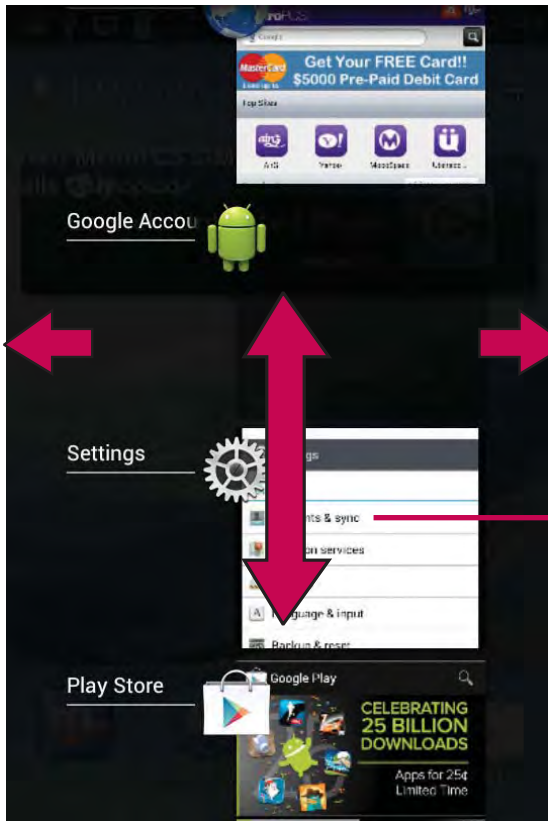
**NOTE** If the application icon you want is on your Home screen, simply touch the icon to open and use it.

3. From the Home screen, touch the **Apps Key** .
4. Touch the icon for the other application you want to open.

## Switching between multiple applications

1. Touch and hold the **Home Key** . A screen with the icons of the applications that you've used recently will appear.
2. Touch the application preview of the application you want to use or touch the **Back Key**  to return to the current

## screen



If you flick the application preview to the right or left, it disappears from the recent app list.

Touch an app preview to open that application (touching the background redisplay the Home screen).

## Adding application icons to the Home screen

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


1. Open the Applications screen.
2. Touch and hold the application icon you want to add to your Home screen. The Applications screen will close so that you can place the icon on the Home screen.
3. Lift your finger to place it or drag the

icon to where you want it on the screen, then lift your finger.

## Moving applications to other Home screen canvases

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



- ▶ **Drag:** Touch and hold, then drag the icon to the left or right edge of the screen to advance to the other screen canvases before lifting your finger.
- ▶ **Tilt:** Touch and hold an item, then tilt the device to move it to one of the Home screen canvases in that direction, then lift your finger.

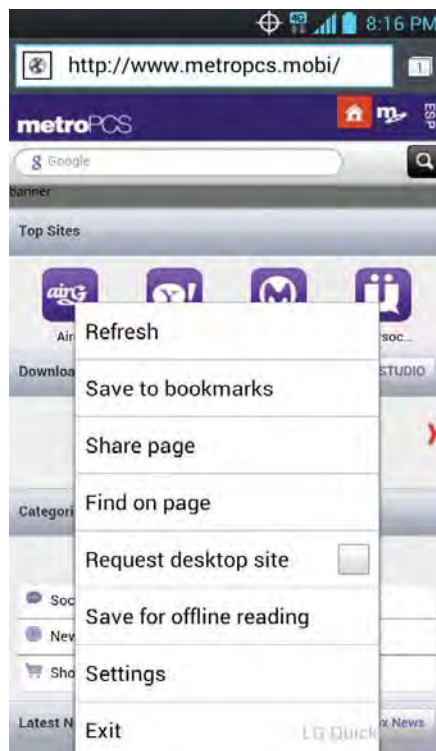
**NOTE** To be able to use the Tilt method, the **Move home screen items** function needs to be activated. From the Home screen, touch the **Menu Key**  > **System settings** > **Gestures** > **Move home screen items** checkbox.

# Working with Menus

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

## Options menus

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

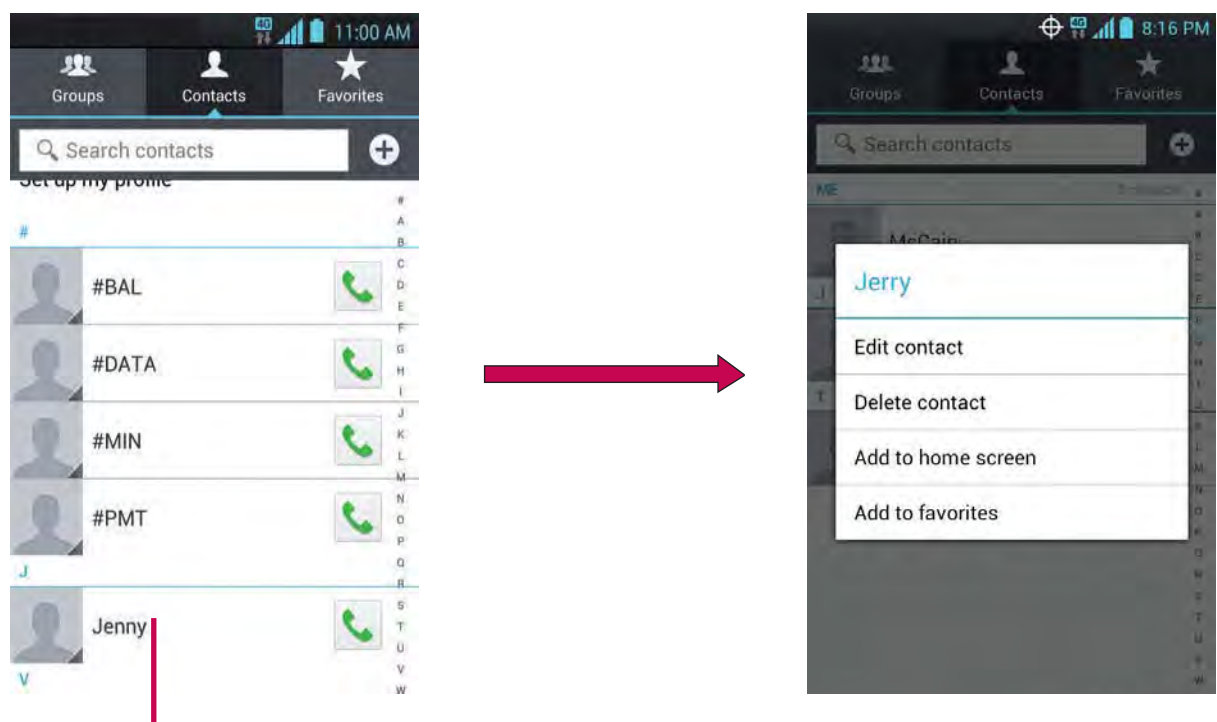




# Context menus

Context menus contain options that apply to a specific item on the screen.

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



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

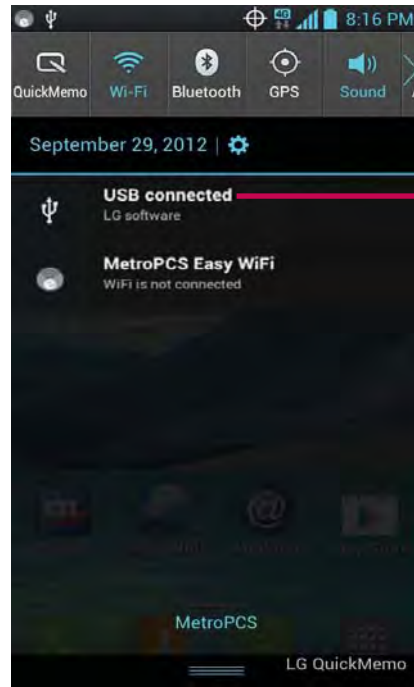
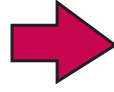
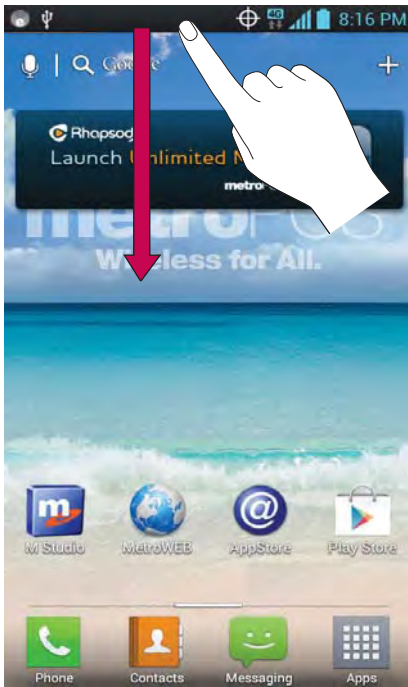
# Managing Notifications

Notification icons report the arrival of new messages, calendar events, alarms, as well as ongoing events, such as when you are in a call. When you receive a notification, the notification icon will be displayed in the Status Bar. You can open the Notifications panel to view a list of all recent notifications. Depending on your settings, you may hear a notification sound and/or the phone may vibrate.

## To open the Notifications panel

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

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




Touch a notification to open it.

## To respond to a notification



1. Open the Notifications panel. Your current notifications are listed in the panel, each with a brief description.
2. Touch a notification to view it.  
The Notifications panel will close and the application that corresponds to your response will open. For example, new voicemail notifications dial your voicemail box, and Gmail notifications open the Gmail application so you can read your new messages.

## To clear all notifications

1. Open the Notifications panel.
2. Touch the Clear icon . All event-based notifications will be cleared; ongoing notifications will remain in the list.



**TIP** You can also swipe the notifications to the left or right to remove them.

## To close the Notifications panel



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





















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

## Quick settings on the Notifications panel

The top of the Notifications panel includes a Quick settings bar. The icons in this bar provide a quick, convenient way to change settings without accessing any applications. The Quick settings bar icons include QuickMemo, Wi-Fi, Bluetooth, GPS, Sound profile, Airplane mode, Accounts & sync, Auto-rotate screen, Brightness, Data enabled, and Power saver. If you set more than four icons on the bar, swipe left and right to scroll through the list. Touch **Edit**  , then **Add**  to add items you want displayed in the Quick settings bar.


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






- ▶ QuickMemo activates the ability to create memos using the current screen.
- ▶ Wi-Fi On  and Wi-Fi Off .

- ▶ Bluetooth On  and Bluetooth Off .
- ▶ GPS On  and GPS Off .
- ▶ Sound , Vibrate , and Silent .
- ▶ Airplane mode On  and Airplane mode Off .
- ▶ Data On  and Data Off .
- ▶ Sync On  and Sync Off .
- ▶ Auto-rotate screen On  and Auto-rotate screen Off .
- ▶ Brightness 100% , Brightness 50% , and Brightness Off .
- ▶ Power saver On  and Power saver Off .

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

## Using QuickMemo

Tap the QuickMemo  icon in the Notifications panel Quick settings bar for the convenience of having a pen and paper at your fingertips. QuickMemo options are displayed at the top of the screen.



- Touch the **Note** icon  to display a blank paper background to write on.
- Touch the **Pen** icon  to select the pen type and pen color.
- Touch the **Erase** icon  to selectively erase pen marks using your fingertip.
- Touch the **Share** icon  to select how to share your memo.
- Touch the **Save** icon  to save your memo in your Gallery.



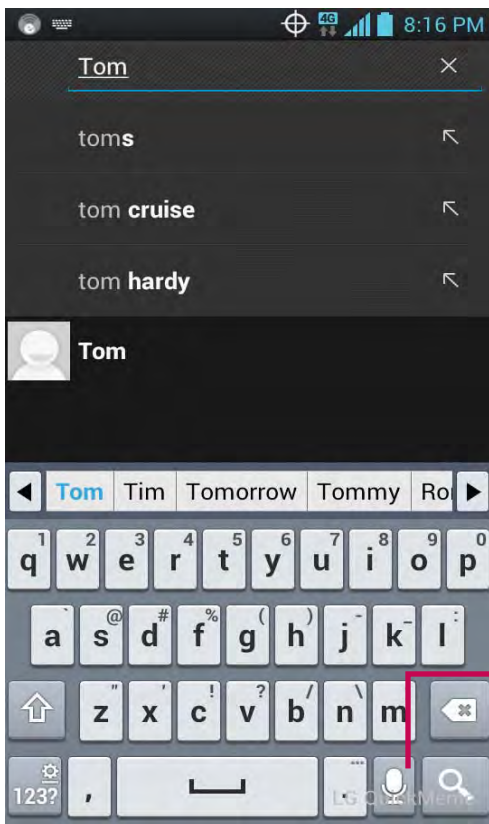
# Searching Your Phone and the Web

You can search for information on your phone and on the web by using the Google search application. Some applications, such as Gmail, Contacts, and MetroWEB have the ability to search contents within those specific applications. You can conduct the search by typing in the search terms or saying what you're looking for. Typing can be useful because the search application can provide suggestions so you don't necessarily have to type out your full request.

## Phone and Web search using text entry

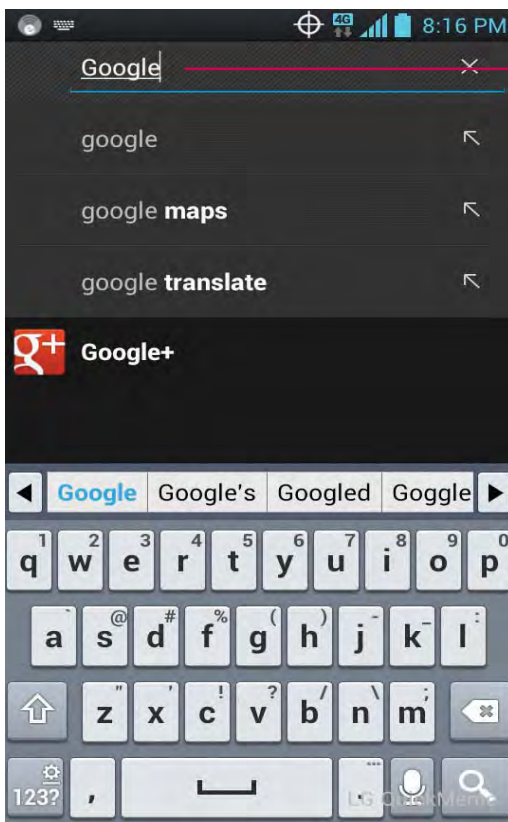
1. Touch the **Search Widget**  at the top of the Home screen or touch and hold the **Menu Key** .

The Quick Search Box will open automatically.




**Voice Search**  
Touch to search  
by voice.

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



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



You can use the Search preferences to configure some aspects of 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 settings, open the Search application and touch the **Menu Key**  **> Settings.**

3. Touch  to search for the entered terms.

# Locking the Screen

You can lock your screen so that only you can unlock it to make calls, access your data, buy applications, and prevent unauthorized use.

## Setting Swipe, Face Unlock, Pattern, PIN, or Password

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Lock Screen**.
2. Touch **Select screen lock**.
3. Touch **None, Swipe, Face Unlock, Pattern, PIN or Password**.

**None:** No lock screen is enabled so the screen will never be locked from use.

**Swipe:** A swipe motion in any direction on the touchscreen will unlock the screen.

**Face Unlock:** Unlocks the screen using face recognition. Keep in mind that Face Unlock is less secure than a pattern, PIN or password because it uses generalized shapes and dimensions to

verify your face.

**Pattern:** Unlocks the screen using a pattern you draw with your finger. The first time you set an unlock pattern, you will see a tutorial with instructions on how to create it. Read the tutorial and touch the **Next** button. Draw your pattern (connect at least 4 dots) and touch the **Continue** button. Then redraw your pattern and touch the **Confirm** button.

**NOTE** Follow the on-screen instructions to create a backup PIN number in case you forget your pattern.

**PIN:** Unlocks the screen with a number sequence. Enter a PIN (at least 4 digits) and touch the **Continue** button. Reenter your PIN and touch the **OK** button to confirm it.







**Password:** Unlocks the screen with an alphanumeric sequence. Enter a password (at least 4 characters) and touch the **Continue** button. Reenter your password and touch the **OK** button to confirm it.

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

## NOTES



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

## Hard Reset (Factory Reset)

1. Turn the power off.
2. Press and hold the following keys at the same time: **Power/Lock Key**  + the **Volume Down Key** .
3. Release the keys when the FACTORY HARD RESET screen is displayed.
4. Press the **Power/Lock Key**  to continue or the **Volume Keys**  to cancel.
5. Press the **Power/Lock Key**  once more to confirm or the **Volume Keys**  to cancel.

## Disabling the lock sequence



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

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Lock screen**.
2. Touch **Select screen lock**.





3. Confirm your unlock information.
4. Touch **None**.

## Changing Your Unlock Pattern

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Lock screen**.
2. Touch **Select screen lock**.
3. Draw your current unlock pattern.
4. Touch **Pattern** to change it.
5. You're prompted to draw and redraw your new pattern.
6. Enter a Backup PIN and touch **Continue**. Then confirm your Backup PIN and touch **OK**.

# Changing Your PIN or Password

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Lock screen**.
2. Touch **Select screen lock**.
3. Enter your current unlock sequence.
4. Touch **PIN** to change your number lock sequence or touch **Password** to change your alphanumeric lock sequence.
5. You're prompted to enter and reenter your new lock sequence.

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

## NOTES


- You have 5 opportunities to enter your unlock pattern, PIN or password. If you used all of the opportunities, you can try again after 30 seconds.
- If you have set up a Microsoft Exchange account, you are only allowed to set up a password to unlock the screen.

- When you can't recall your unlock pattern:
  - If you've created a Google Account on the phone, touch **Forgot pattern?**. Then you are required to sign in with your Google Account or enter the Backup PIN to unlock your phone.
- You can also perform a factory hard reset. Please note that this will delete all of your data from the device.


## Lock timer

If a security lock is enabled, touch **Lock timer** to set the delay time after the screen darkens due to inactivity before the screen automatically locks and requires you to enter your unlock sequence.



## Power button instantly locks

If a security lock is enabled, checkmark the box to enable this function so that pressing the **Power/Lock Key**  immediately locks the device. Remove the checkmark to disable it.

## The default Lock screen

Press the **Power/Lock Key**  to turn on the screen if it has timed out. If the unlock sequence is set to **Swipe**, the default Lock screen is displayed, but you can still conveniently check the date, time, and Status Bar icons. You can drag the Status Bar down to open the Notifications Panel without unlocking the screen. In addition, you can also quickly access four applications (the **Phone** application, the **Messaging** application, the **Email** application, and the **Camera** application) without fully unlocking the screen. Simply swipe the icon upward to open and use it.


# Changing the items on the default Lock Screen

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Lock screen**.
2. Touch **Clocks & shortcuts**.
  - ▶ To change the Quick access icons, touch one of the icons at the bottom of the screen, then touch the application you want to replace it with.
  - ▶ To change the date and time format, swipe left or right until the one you want is displayed.
3. Touch the **Save** button to save these settings.

# Customizing the Home Screen

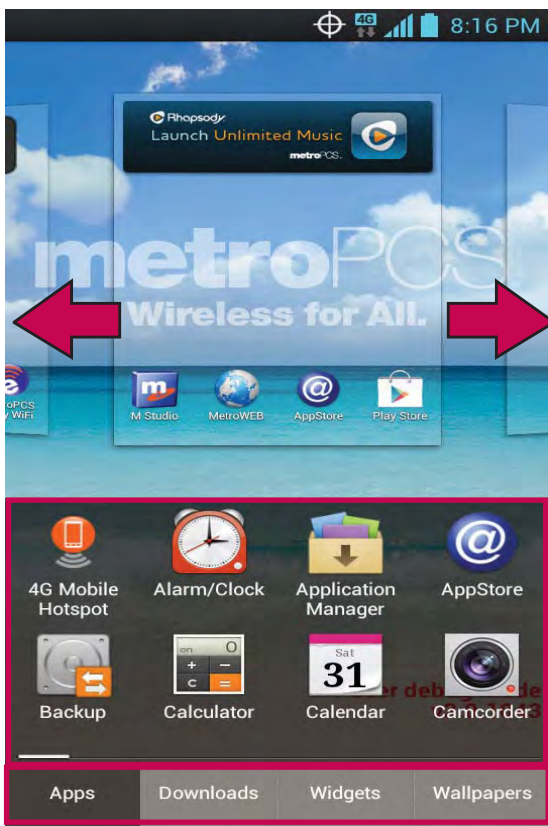
You can personalize your Home screen by adding application icons, shortcuts, widgets, and other items to any Home screen canvas. You can also change the wallpaper.

## To add an item to the Home screen

1. Go to the Home screen canvas where you want to add the item.
2. Touch **Add** . Or just touch and hold an empty spot on the Home screen canvas.

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

3. In the menu that opens, touch the desired tab.



Slide the screen right or left to view different screen.

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

Touch to access different tabs.

4. Touch and hold the desired item and drag it to the Home screen.

## To rearrange an item on the Home screen

1. Touch and hold the item.
2. Drag the item to a new location on the screen.



Pause at the left or right edge of the screen to drag the item onto the next available Home screen canvas.




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

**NOTE** If **Move home screen items** is enabled in the Gestures settings, simply tilt the device in the direction you want to move the item and it will slide to the canvases in that direction. Lift your finger when it arrives at the canvas you want.

## To remove an item from the Home screen

1. Touch and hold the item.
2. Drag the item to the Remove icon  at the top of the screen.
3. When the **Remove** icon changes to  lift your finger.

## To change the look of your Home screen

From the Home screen, touch the **Menu Key**  > **Home screen settings** to access **Theme**, **Animation**, **Screen swipe effect**, **Wallpaper**, **Scroll wallpaper**, **Scroll screens circularly** and **Home backup & restore**.

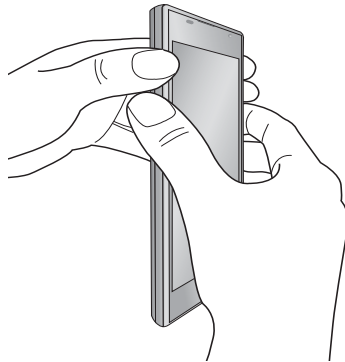
- ▶ **Theme:** Allows you to set the theme, each with a stylized Home screen wallpaper and unique application icons. Choose from Optimus, Biz, Cozywall and Marshmallow.
- ▶ **Animation:** Set whether you want to enjoy animated transitions for all supported effects (including when navigating from screen to screen) or to use the phone without any optional animation effects (this setting does not control animation in all applications).
- ▶ **Screen swipe effect:** Sets how the items on the Home screen canvases slide from one to the next. Choose from Basic, Breeze, Accordion, Panorama, Carousel, Layer, or Domino.
- ▶ **Wallpaper:** Allows you to set the wallpaper. Choose from Gallery, Live wallpapers, or Wallpapers.

- ▶ **Scroll screens circularly:** Checkmark this setting so that the Home screen canvases continuously rotate (does not stop at the far left or right right canvas).
- ▶ **Home backup & restore:** Touch to backup and restore app/widget configurations and themes.

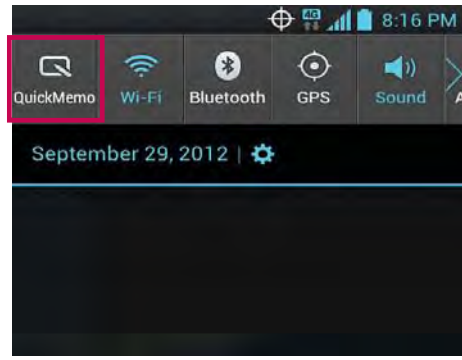
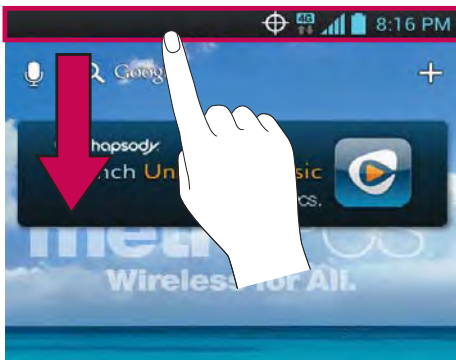
# QuickMemo

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.

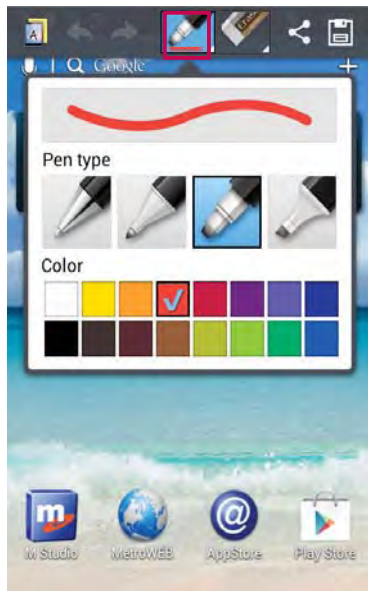
1. Access the QuickMemo feature by pressing both the Volume Up and Volume Down Keys for one second while viewing the screen you want to capture.





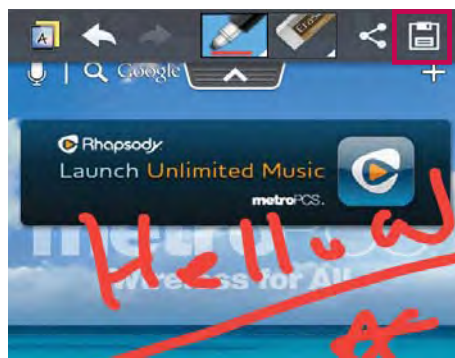
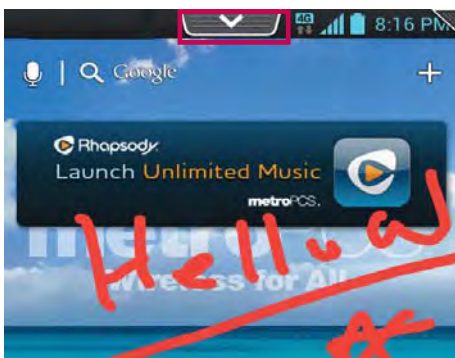
Or touch and slide the Status Bar downwards and touch .



2. Select the desired menu option from **Pen type**, **Color**, **Eraser**. Then create a memo.











3. Touch  from the Edit menu and select  to save the memo to your Gallery.



**NOTE** Please use a fingertip while using the QuickMemo function. Do not use your fingernail.

## Using the QuickMemo options

While using the QuickMemo function, the following options are available:

-  - Tap to select whether to use the background screen.
-  - 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.
-  - Drag each corner to crop the image.

## Viewing the saved QuickMemo

Open the **Gallery** and select the **QuickMemo** album.

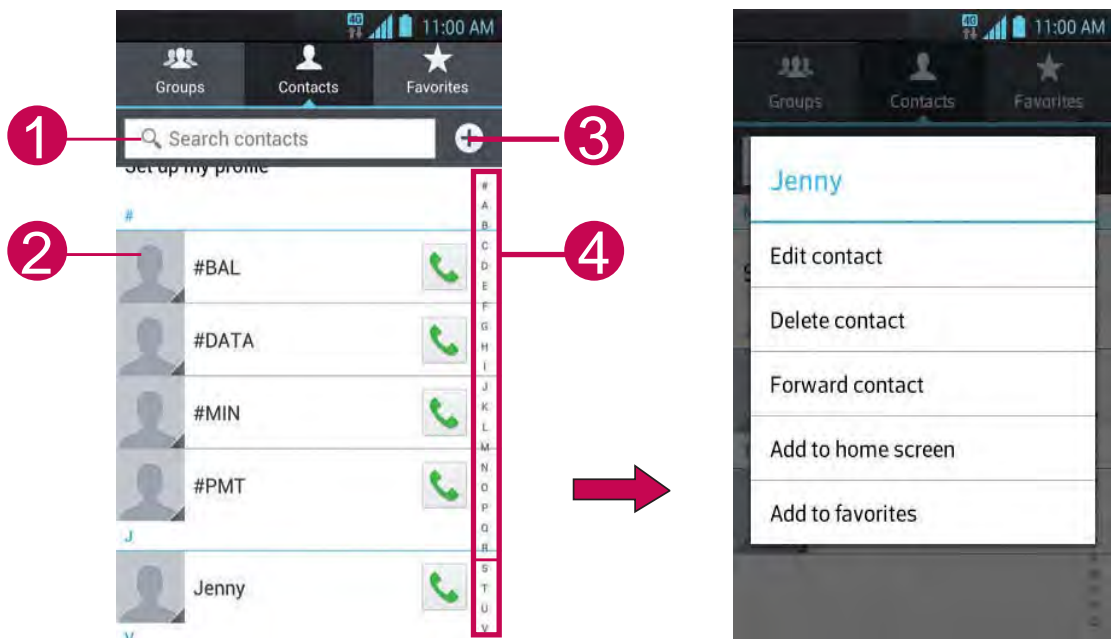
# Connecting Quickly With Your Contacts

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

- Open your Contacts list and touch the contact's picture.

Touching the contact's picture opens a Quick Contact dialog box displayed with icons for all of the ways you can communicate with that contact. The available icons depend on the information you have saved for that contact.





Contact list

Quick Contact  
for Android

1. Type in the name you want to search.
2. **Contact picture** Touch to open Quick Contact for Android for this contact.
3. **New Contact** Touch to add a new contact.
4. **Alphabetical Listing** Slide your finger vertically along the letters to view the entries under a specific letter.





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

# Connecting to Mobile Networks

When you buy your phone and sign up for service, your phone is configured to use your provider’s mobile networks for voice calls and for transmitting data.

Different locations may have different mobile networks available.

Initially, your phone is configured to use the fastest mobile network available for data. You can also configure your phone to access a different set of networks entirely, or to behave in specific ways when roaming.



	Connected to the 4G network (LTE).
	Connected to the EVDO network (EVDO revA).
	Signal strength - more bars that are lit, the stronger the wireless signal.
	Connected to another wireless service provider’s network (roaming).

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

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

## To disable data when roaming

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

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **More...** > **Mobile networks**.
2. Touch **Data roaming** to remove the checkmark from the box. With **Data roaming** unchecked, you can still transmit data with a Wi-Fi connection.



# Connecting to Wi-Fi Networks


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

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



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

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

	Connected to a Wi-Fi network (waves indicate connection strength).
	An open Wi-Fi network is available and in range.

When you connect to a Wi-Fi network, the phone obtains a network address and other information it needs from the network, using the DHCP protocol. To view advanced settings, from Wi-Fi settings touch the **Menu Key**  > **Advanced** or touch and hold the connected network > **Modify network** and check the **Show advanced options**.

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

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Wi-Fi**.
2. If the Wi-Fi button is on the left and the icon is grey-colored, drag the button to the right to turn on Wi-Fi . The button turns blue and your device scans for available Wi-Fi networks.
3. Touch a network and then touch **Connect** to connect to it.

- If the network is open, you can connect to the network directly by touching the Network name.
- If the network is secured, you will be prompted to enter a password (Ask your network administrator for details).
- When you're connected to a network, you can touch the network name in the Wi-Fi settings screen for details about the speed, security, address, and related settings.

## To receive notifications when open networks are in range

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

1. Turn on Wi-Fi, if it's not already on.
2. From the Wi-Fi settings screen, touch **Network notification** to checkmark the box. Touch again to remove the checkmark and stop receiving notifications.

## To add a Wi-Fi network

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

To add a secured network, you need to contact the network's administrator to obtain the password or other required security credentials.

1. Turn on Wi-Fi, if it's not already on.
2. From the Wi-Fi settings screen, touch **ADD NETWORK**.
3. Enter the **Network SSID** (name) of the network. If the network is secured, touch **Security** and touch the type of security deployed on the network.
4. Enter the required passwords and security credentials.



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

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch and hold the name of the network that you want to forget.
3. Touch **Forget network**.



## USB connection

USB connection is a feature that allows your device to connect to a PC using a USB cable.

- ▶ Allows the phone to be used as Mass storage when a microSD card is present in the device. It also allows you to transfer unprotected content from the phone to the PC and vice versa.

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

## To select a USB mode for a connection

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **PC connection** > **USB connection type**.
2. Touch **Media sync (MTP)** or **Camera (PTP)** to connect to the PC.
  - ▶ Touch **Charge only** to use only the charging function and not the USB function.

## Always ask

You can choose to be asked to confirm the USB connection when connecting to a computer.

When **Ask on connection** is checkmarked, the USB selection window is displayed.

## Using the Status Bar to change the settings



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

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

# microSD Card

## Unmounting and removing the microSD Card

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



1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Storage** > **Unmount SD card** > **OK**. Now you can safely remove the microSD card.
2. Remove the back cover.
3. Carefully pull the microSD card out of the slot.

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

**NOTE** microSD cards are optional and sold separately.



# microSD Card Settings

## Viewing Memory in the microSD Card

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Storage**.
2. Review the available information.
  - The storage capacity page is divided into two sections: Internal Storage and SD Card.

## Formatting the microSD Card

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

1. From the Home screen, touch the **Apps Key**  > **Settings**  > **Storage**.
2. Touch **Unmount SD card** and **OK** to release the microSD card from device use. The icon appears within the Notifications panel to indicate an unmounted microSD card.
3. Once released, touch **Erase SD card** > **Erase SD card** > **Erase everything**.

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

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

## Connecting Your Device to Your Computer

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

### To connect your device to a computer via USB

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



2. Open the Notifications panel and then touch **USB connected**.
3. Touch the connection mode you want to use to connect to the PC. Choose from the following options: **Charge only**, **Media sync (MTP)**, **USB tethering**, **LG software** or **Camera (PTP)**.



### **Using Media sync (MTP) mode**







When you connect the phone and PC using a USB cable and set your device's USB connection mode to Media sync (MTP), you will see one Portable Devices on the PC. You can copy files to/from the removable SD card.

# Sending data from your phone using Bluetooth

## Sending data using Bluetooth

You can use Bluetooth to send data by opening a corresponding application, not from the Bluetooth menu as on most other mobile phones.

- \* **Sending pictures:** Open the **Gallery** application, then open the picture and touch  > **Bluetooth**. Check whether Bluetooth is turned on, then touch **Search for devices**. Choose the device you want to send data to from the list.
- \* **Exporting contacts:** Open the **Contacts** application. Touch the Contact you want to export. Touch the **Menu Key**  > **Share** > **Bluetooth**. Check whether Bluetooth is turned on, then touch **Search for devices**. Choose the device you want to send data to from the list.

- \* **Sending multiple contacts:** Open the **Contacts** application. To select more than one contact, touch the **Menu Key**  > **Share** > **Select all** > **Attach** > **Bluetooth**. Check whether Bluetooth is turned on, then touch **Search for devices**. Choose the device you want to send data to from the list.
- \* **Connecting to FTP (only FTP server is supported on this handset):** From the Home screen, touch the **Apps Key**  > **Settings**  > **Bluetooth**. Slide  to the right so you can search for your phone on other devices. Find the FTP service and connect to the FTP server.
- If you want to search for this phone from other devices, go to from the Home screen, touch the **Apps Key**  > **Bluetooth**. Slide  to the right and touch **Make phone visible**. Your device will be able to be detected by other devices for 120 seconds.

# Calls

## Placing and Ending Calls

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

### To open the Phone application

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

### To place a call by dialing

1. Touch the **Phone Key**  to open the Phone application.





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

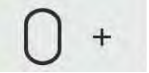
Touch to erase a digit. Touch and hold to erase the entire number.


Touch  to dial the number that you entered.

Touch to send a message to the number you entered.



## 2. Touch the keys on the dial pad to manually enter a phone number.

- If you enter a wrong number, touch the **Delete Key**  to erase digits one by one.
- To erase the entire number, touch and hold the **Delete Key** .

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


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

- You can use other phone features while the call is underway. If you open another application, the Call icon appears in the Status Bar for the duration of the call.
- Press the **Volume Keys** to adjust the call volume.
- Use the on-screen buttons to enter additional numbers, place the call on hold and take an incoming call, add another call, use the speakerphone, end the call, and other options.

**NOTE** If you opened other applications while on a call, you'll need to return to the Call screen to end the call. You can touch the **Home Key** , then the **Phone Key**  or drag the Notifications panel down and touch the Call icon. You can also touch the Contact's name or number at the top right corner of the Home screen.

## Airplane mode

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

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

2. Touch **Turn on Airplane mode**.




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



# Answering or Rejecting Calls

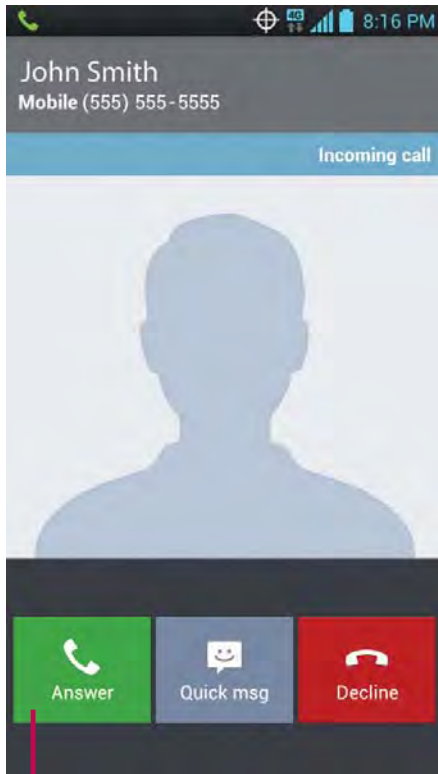
When you receive a phone call, the Incoming call screen opens with the caller ID and any additional information about the caller that you have saved in the Contacts list. All incoming calls are recorded in the Call log.

## To answer a call

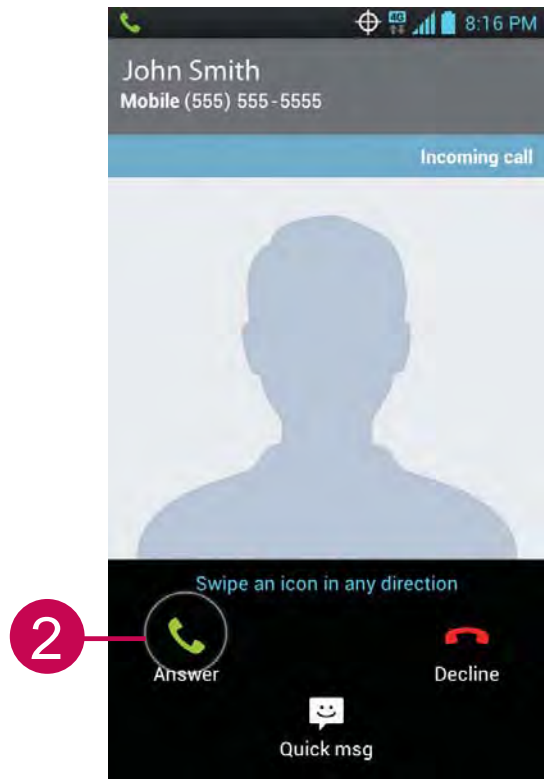
- 1 If the screen is unlocked, simply touch the **Answer Key** .
  - 2 If the screen is locked, swipe the **Answer** icon  in any direction to answer the call.
- If you were already on a call, touch the **Answer Key**  to place the first call placed on hold while you answer the new call.

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



## Unlocked Screen



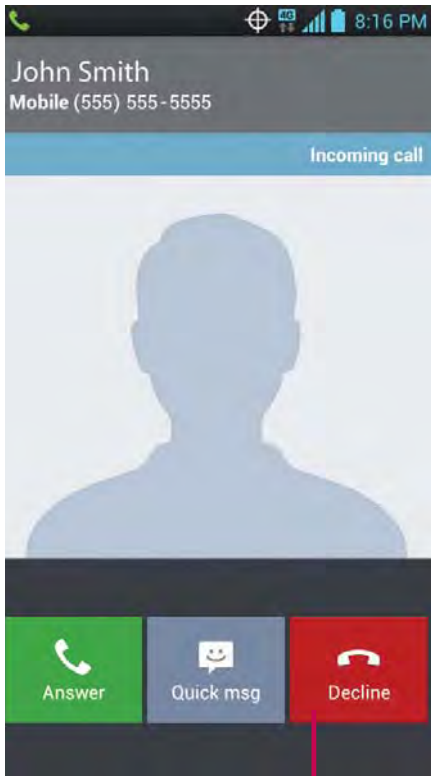
## Locked Screen



## To decline a call and divert it to voicemail

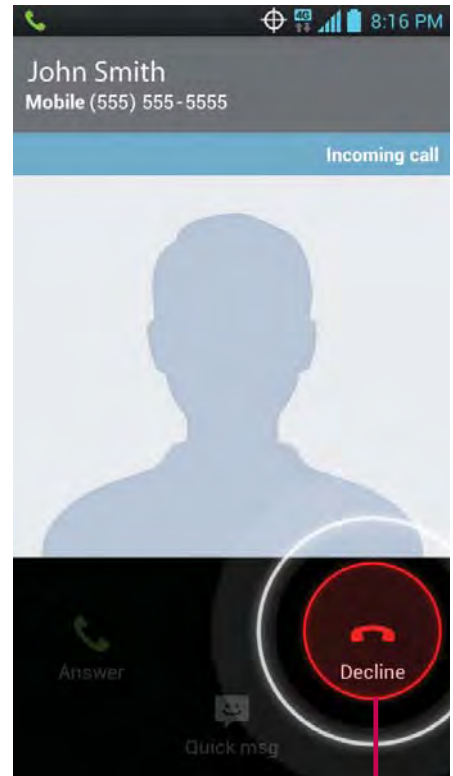
- 1 If the screen is unlocked, simply touch the **Decline Key** .
  - 2 If the screen is locked, swipe the **Decline** icon  in any direction to ignore the call.
- The caller is sent directly to your voicemail box to leave a message.

## Unlocked Screen





1

## Locked Screen



2

## To decline a call and send a text message



1. When you receive an incoming call and the screen is unlocked, touch the **Quick msg Key** . If the screen is locked, touch and drag the **Quick msg** icon  in any direction.
2. Touch the text message you want to send in place of answering the call.

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

# Working with the Call Log

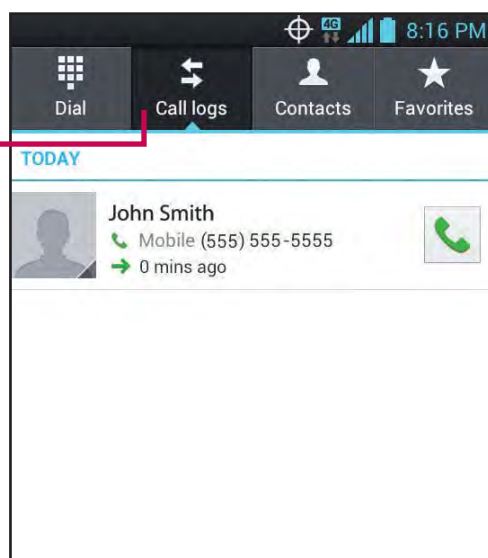
The Call log is a list of all of the calls you've dialed, received, or missed. It offers a convenient way to redial a number, return a call, or add a number to your Contacts.

## To open the Call log


- From the Home screen, touch the **Phone Key**  (in the Quick Keys bar) and then the **Call logs** tab  at the top of the screen.

The most recent calls are located at the top of the list. Scroll down to see older entries.


The Call log tab displays the history of all your calls.



## To dial a number in the Call log

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

## To add an entry's number to your Contacts

1. Touch and hold the call entry.
2. Touch **Add to Contacts** in the Context menu.
3. Touch  to add a new contact or choose an existing contact to add the new number to.


# Calling Your Contacts

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


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

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

## To call a contact

1. From the Home screen, touch the **Contacts Key**  from the Quick Keys bar.
2. Touch the contact you wish to call.
3. Touch the contact's phone number you want to call.

## To call a favorite contact

1. From the Home screen, touch the **Contacts Key**  from the Quick Keys bar, then touch the **Favorites** tab.
2. Touch the contact you wish to call.
3. Touch the contact's phone number you want to call.



# Voice Dialer

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

## To place a call by speaking

1. From the Home screen, touch the **Apps Key**  > **Voice Dialer** .

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

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

# Options During a Call



Touch to switch between a Bluetooth headset and the phone.

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


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

## WARNING!

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

## To mute the microphone during a call

► Touch the **Mute Key** .


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

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

The microphone is unmuted automatically when the call ends.

## To turn the speakerphone on or off

► Touch the **Speaker Key** .

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

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

The speaker is turned off automatically when the call ends.


### **Warning!**

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

## **To switch between a Bluetooth headset and the phone**

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

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

- ▶ Touch the **Bluetooth Key**  to switch the call from the headset to the phone, or vice versa.

# Managing Multiple Calls

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


## To switch between current calls



► Touch the **Swap Key** .

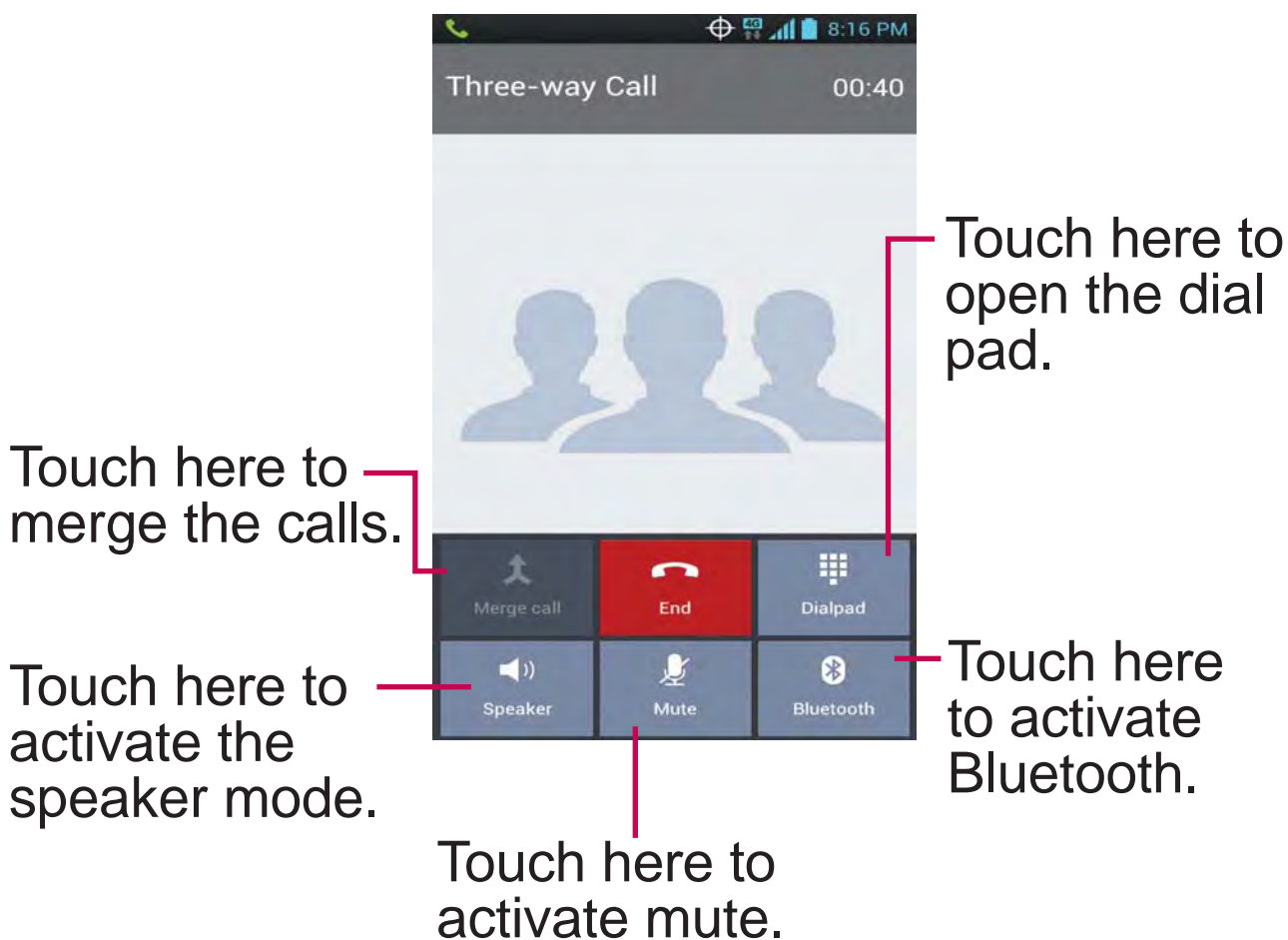
The current call will be placed on hold and you will be connected with the other call.

## To set up a conference call

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


1. Place a call to the first participant.
2. When you're connected, touch the **Menu Key**  > **Add Call**.

3. Touch the keys on the dialpad to manually enter a phone number, then touch the **Call Key** .
4. After you're connected, touch the **Merge call Key** . The participant is added to the conference call.






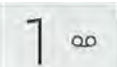
# Listening to Your Voicemail

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


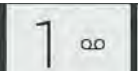
## To listen to your Voicemail

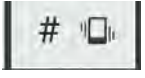
- Open the Notifications panel and touch **New voicemail**.

**OR**




- From the Home screen, touch the **Phone Key**  in the Quick Keys bar, then touch and hold .

## To set up your Voicemail

1. From the Home screen, touch the **Phone Key**  in the Quick Keys bar on the Home screen.
2. Touch and hold  to dial your voice mailbox.

3. If you hear a system greeting, touch  to interrupt it, if applicable.
4. Follow the setup tutorial.
5. Select a password.
6. Record a voice signature and greetings.

## To access your voice mail from your wireless device

1. From the Home screen, touch the **Phone Key**  in the Quick Keys bar on the Home screen.
2. Touch and hold  to dial your voice mailbox. If you hear a system greeting or your own greeting, touch the Pound Key  immediately to interrupt the system greeting and follow the prompts.
3. Follow the prompts to enter your password and retrieve your messages.

# Communication

## Contacts

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


## Using Your Contacts

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

### To open your Contacts application

► From the Home screen, touch the **Apps Key**  > **Contacts** .

OR

Touch **Contacts**  in the Quick Keys bar.

All of your contacts are displayed alphabetically in a list. If you have a new phone and haven't added any contacts yet, the **Contacts** application will display

hints on how to start adding contacts to your phone.

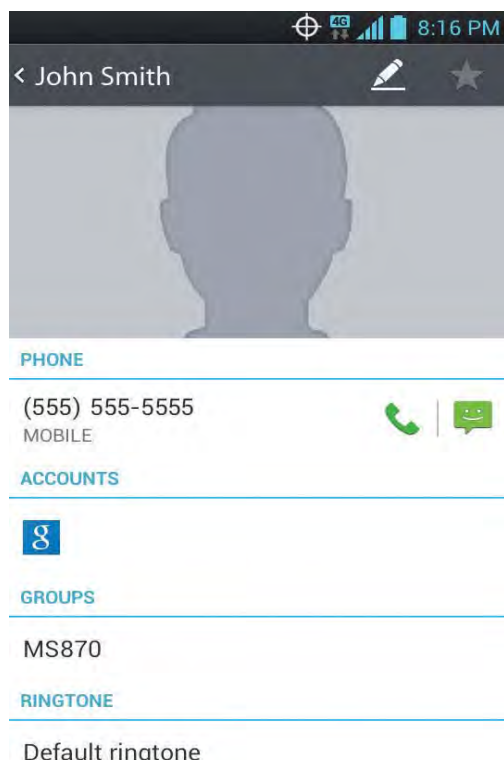
## To open a list of your favorite contacts

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





Favorites lists the contacts you've added to the list.

## To view details about a contact

1. Open your **Contacts** application.
2. Touch the contact whose details you want to view.



3. The Contact's information will be displayed. The following options are available.

- ▶ The Dial icon  places a call to the number.
- ▶ The Message icon  starts a message.
- ▶ The Email icon  starts an email.
- ▶ The Chat icon  starts a chat.

Touch the **Menu Key**  for the following menu options: **Delete**, **Share**, **Join**, **Export**, and **Add to home screen**.




## Adding Contacts

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


Since your contacts can come from a variety of sources, the Contacts

application attempts to join new information with existing similar contact entries, to create a single entry. You can also manage that process manually by joining or splitting entries.

## To add a new contact

1. Open the **Contacts** application.
2. Touch the **New contact** icon  to the right of the Search field.
3. If you have more than one account with contacts, touch  at the top of the screen and choose the account to which you want to add the contact.
4. Enter the contact's name.
5. Touch a category of contact information, such as phone number or email address, to enter that kind of information about your contact.
6. Touch a category's **Add new** icon  to add more than one entry for that category. For example, in the phone

number category, enter a work number and add a home number. Touch the label field to the right of the entered information to open a drop-down menu of preset labels. For example, **Work** or **Home** for a phone number.

7. Touch the **Picture Frame** icon  to select a picture to display next to the name in your list of contacts and in other applications.
8. When you're finished, touch the **Save** button.


# Importing, Exporting, and Sharing Contacts

If you have contacts stored in vCard format on a microSD card you can import them into your Contacts application on your phone. You can also export contacts in vCard format onto a microSD card.

Export to back them up to a computer or other device or so you can send a contact via email.

## To import contacts from your microSD card

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


1. Insert the microSD card (that contains the vCard files) into your phone.
2. Open the **Contacts** application.
3. Touch the **Menu Key**  > **Import/Export**.
4. Touch **Import from SD card**.



5. If you have more than one account on your phone, touch the account into which you want to import the contacts.
6. Touch the files you want to import to the microSD card. Then touch **Import**.


## To export contacts to your microSD card

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

1. Open the **Contacts** application.
2. Touch the **Menu Key**  > **Import/Export**.
3. Touch **Export to SD card**.
4. Touch the contacts you wish to export to the SD card. To export all contacts, touch **Select All** in the top left corner of the screen. Then touch **Export** and **OK**.

## To share a contact

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

1. Open the **Contacts** application.
2. Touch the contact you want to share to view the contact details.
3. Touch the **Menu Key**  **> Share**.
4. Choose the method for sending.
5. Enter the necessary information and share it.

# Adding a Contact to Your Favorites

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

## To add a contact to your favorites list

1. Open the **Contacts** application.
2. Touch a contact to view its details.
3. Touch the star to the right of the contact's name. When the contact is added to your favorites list, the star will be gold-colored.

## To remove a contact from your favorites list

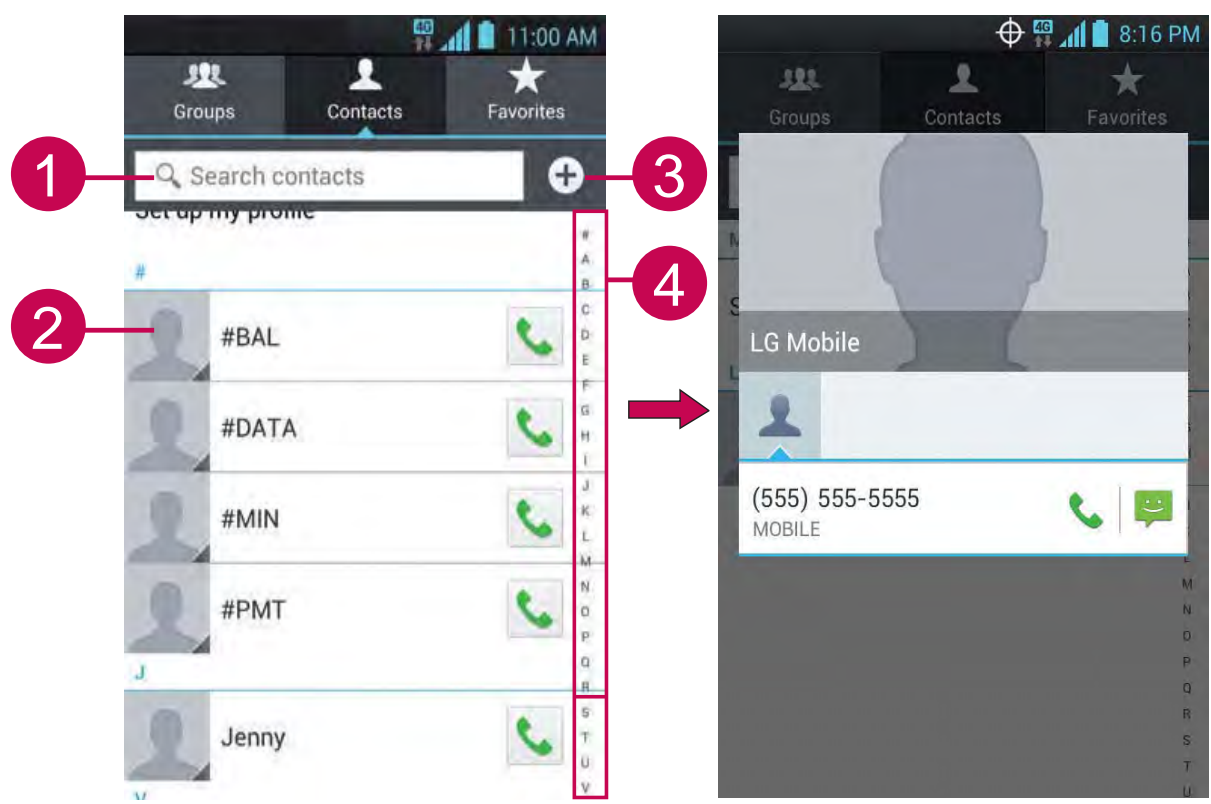
1. Open the **Contacts** application and touch the **Favorites** tab.
2. Touch a contact entry to view its details.
3. Touch the gold star to the right of the contact's name. The grey-colored star will indicate that the contact was removed from your Favorites list.

## Communicating with Your Contacts

From the **Contacts**, **Groups**, or **Favorites** tab, you can quickly call or send a text (SMS) or multimedia message (MMS) to a contact's default phone number. You can also open a list of all the ways you can communicate with that contact. This section describes ways to initiate communication when viewing your list of contacts. The Contacts application shares your contacts with many other applications, such as Gmail<sup>TM</sup> and Messaging.

# To connect by using Quick Contact for Android™

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



Contact list

Quick Contact for Android


- 1: Type in the name you want to search.
- 2: **Contact picture:** Touch here to open Quick Contact for Android for this contact.




- ③: **New Contact:** Touch here to add a new contact.
- ④: **Alphabetical Listing:** Slide your finger vertically along the letters to view the entries under a specific letter.


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

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


## To communicate with a contact

1. Open the **Contacts** application.
2. Touch the contact with whom you want to communicate.
3. In the contact's details screen, touch the way to start communicating with the contact.
  - ▶ The Dial icon  places a call to the number.

- ▶ The Message icon  starts a message.
- ▶ The Email icon  starts an email.
- ▶ The Chat icon  starts a chat.

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


## To call a contact's default number

1. Open the **Contacts** application.
2. Touch **Dial** icon  next to the contact entry you wish to call.

# Selecting Which Contacts are Displayed

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

## To change which groups are displayed


1. Open the **Contacts** application.
2. Touch the **Menu Key**  > **Display options**.
3. Touch an account to open its list of available groups.
4. Touch **All contacts** to display contacts from all of your sync'd accounts, touch a single account, or touch **Customize** to select more than one (but not all) account types to display their contacts.



# Joining Contacts

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

## To join contacts


1. Open the **Contacts** application.
2. Touch the contact entry to which you want to add information. The contact name for this entry will remain unchanged after you join with another contact.
3. Touch the **Menu Key**  **> Join**.
4. Touch the contact whose information you want to join with the first contact. The information from the two contacts will be merged and displayed under the name from the first contact.

# Separating Contact Information

Each contact entry on your phone may contain 'joined' information from a variety of sources.

If contact information from different sources was joined in error, you can separate the information back into individual contact entries on your phone.



## To separate contact information

1. Open the **Contacts** application.
2. Touch the contact entry whose information you want to separate.
3. Touch the **Menu Key**  **> Separate**.
4. Touch **OK** to confirm you want to separate the entries. The contact information will be separated into individual contact entries in the Contacts list.

# Email

You can use the **Email** application to read email from providers other than Gmail. The Email application supports the following account types: POP3, IMAP and Microsoft Exchange.

## To open the Email application

From the Home screen, tap the **Apps Key**  > **Email** .

The first time you open the **Email** application, a setup wizard opens to help you add an email account.

## Microsoft Exchange Email Account

**Email address** – Enter the account email address.

**Username** – Enter the account username.

**Password** – Enter the account password.

**Server address** – Enter the server address.

**Domain** – Enter the account domain (optional).

**Use SSL** – Choose whether or not to use SSL for Microsoft Exchange.

**Other (POP3, IMAP) Email Account**  
**Email address** – Enter the account email address.

**Password** – Enter the account password.

### **Incoming Server Settings**

**POP3 / IMAP4** – Select protocol type, either POP3 or IMAP4.

**Incoming server** – Enter the incoming email server address.

**Secure type** – TLS/SSL/Off.

**Port number** – Normally each account's default number will be displayed.

## Advanced Server Settings (Outgoing)

**Outgoing server** – Enter the outgoing email server address.

**SMTP secure type** – Choose from Off, SSL, or TLS.

**SMTP Port number** – Normally each account's default number will be displayed.

## The Accounts Screen

The Accounts screen lists your Combined Inbox and each of your email accounts.

1. Open the **Email** application and touch the **Menu Key**  **> Accounts**.
2. The Account list appears.

**TIP**      **To make a shortcut to the Inbox of an account:** In the accounts list, touch and hold an email account. Then tap **Add to home screen**. You can tap an account to view its **Inbox**. The default account from which you send email is indicated with a checkmark.

## To open your **Combined inbox**

If you have configured email to send and receive email from more than one account, you can view all messages sent to all accounts in your **Combined inbox**.

1. Open the **Email** application and touch **Combined inbox** (on the **Accounts** screen).

Messages in the **Combined inbox** are color coded on the left, by account, using the same colors used for your accounts in the **Accounts** screen. When a new email arrives in the inbox, there will be sound and vibration notification. Tap the email notification to end it.

# Composing and Sending Email

1. In the **Email** application, touch **Compose** .
2. Enter an address for the message's intended recipient. As you enter text, matching addresses will be offered from your contacts. Separate multiple addresses with commas.
3. Touch the **Cc/Bcc**, **From** field to copy or blind copy to other contacts/email addresses.
4. Touch the text field and enter the text of the message.
5. Touch **Attach**  to attach the file you want to send with your message.
6. Touch **Send**  to send the message.

If you are not connected to a network, for example if you're working in airplane mode, the messages you send are stored in your **Outbox** folder until you're connected to a network. If it contains any

pending messages, the **Outbox** will be displayed on the **Accounts** screen.

**NOTE** The messages sent using an Exchange account will not be stored on the phone; they will be stored on the Exchange server itself. If you want to see your sent messages in the **Sent** folder, you may need to open the **Sent** folder and select **Refresh** from the options menu.



## Working with Account Folders

Each account has **Inbox**, **Outbox**, **Sent**, **Drafts**, **Trash** and **Junk** folders.


Depending on the features your account service provider supports, you may have additional folders.

## Adding and Editing Email Accounts

### To add an email account

1. From the Home screen, touch the **Apps Key**  > **Email** .
2. Select the desired email provider.



If an email account is already set up, the wizard is not activated automatically. In this case, tap the **Menu Key**  > **Add account** on the Accounts screen.

## To change account settings

1. Open the **Accounts** screen.
2. Tap the **Menu Key**  > **Settings**.

## To delete an email account



1. Open the **Accounts** screen.
2. Touch and hold the account you want to delete.
3. Tap **Delete account** in the context menu and tap **OK** in the dialogue box to confirm.


# Gmail

## Opening Gmail and Your Inbox

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

### To open the Gmail application

From the Home screen, touch the **Apps Key**  > **Gmail** .


All of your conversations are displayed in your Inbox unless you delete, archive, or filter them. The current Google Account is displayed at the top of the Inbox. If you have more than one account, you can switch accounts to view the messages in each Inbox. Simply touch  to the right of the current account to select another account to display.

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

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


➤➤ indicates that this message was sent directly to you.

## Adding another Google Account

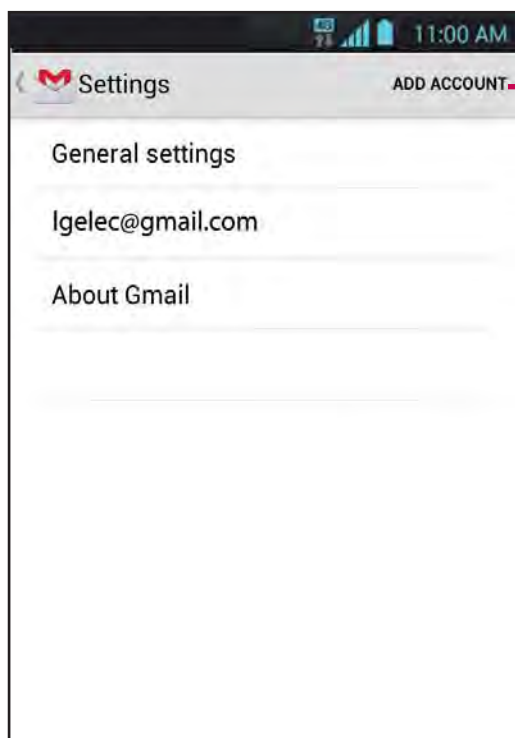
1. From your Gmail Inbox, touch the **Menu Key**  > **Settings**.
2. Touch **ADD ACCOUNT** at the top right corner of the screen.
3. Touch the **Existing** button or the **New** button, then enter the necessary information.

## To switch accounts

Gmail displays conversations and messages from one Google Account at a time. If you have set up more than one Google Account on your device, you can easily switch between them.

- From your Gmail Inbox, touch  on the header, then touch the account that contains the email you want to read.

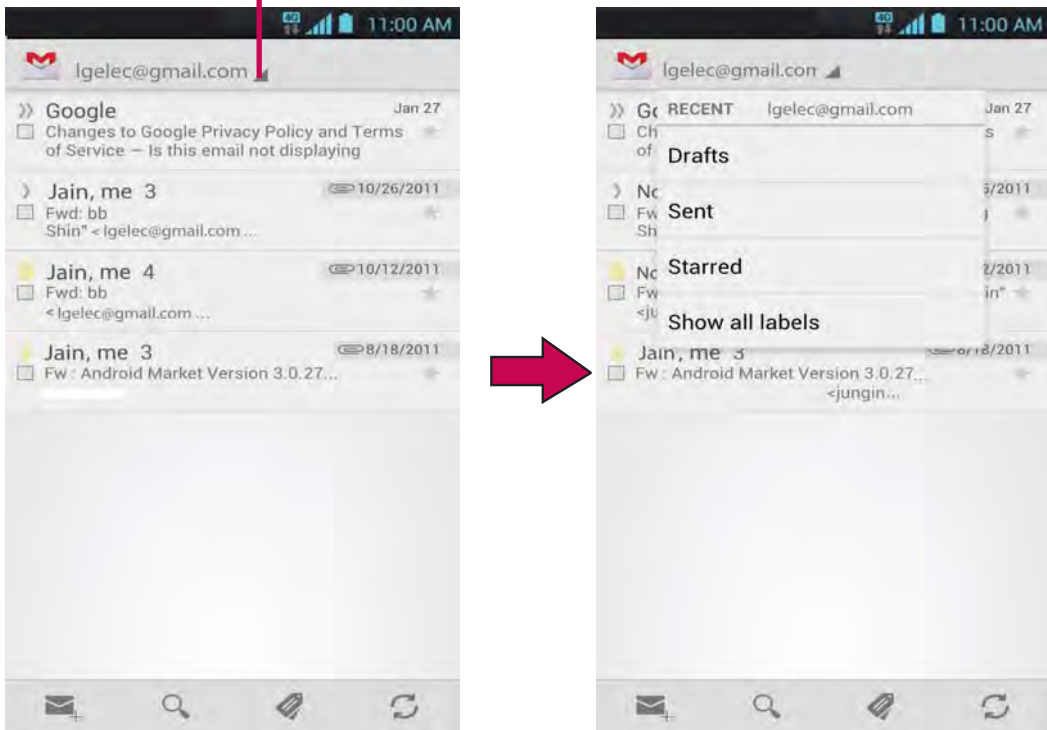
**NOTE** The number to the right of the selected Google Account indicates the number of unread messages you have in that account.



Touch here to add account.


## Accounts Icon

Touch here to switch accounts or folders.







Gmail Inbox

## Navigating in the Gmail application




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

The icons at the bottom of the screen allow you to navigate within the Gmail application.

While viewing your Inbox, swipe the screen up and down to scroll through the list and use the following icons:

- ▶ **Compose**  Touch this icon to start a new Gmail message.
- ▶ **Search**  Touch this icon to search within the Gmail application.
- ▶ **Labels**  Touch this icon to view your messages by Gmail label.
- ▶ **Sync**  Touch this icon to sync your Google Account(s) on your device.

While viewing a message, swipe the screen left and right to scroll through all of your messages and use the following icons:

- ▶ **Archive**  Touch this icon to send the message to your archive folder.
- ▶ **Delete**  Touch this icon to delete the message.
- ▶ **Labels**  Touch this icon to set labels for the message to help organize your messages.

- ▶ **Unread**  Touch this icon to return the message to an unread state.

## Reading Your Messages

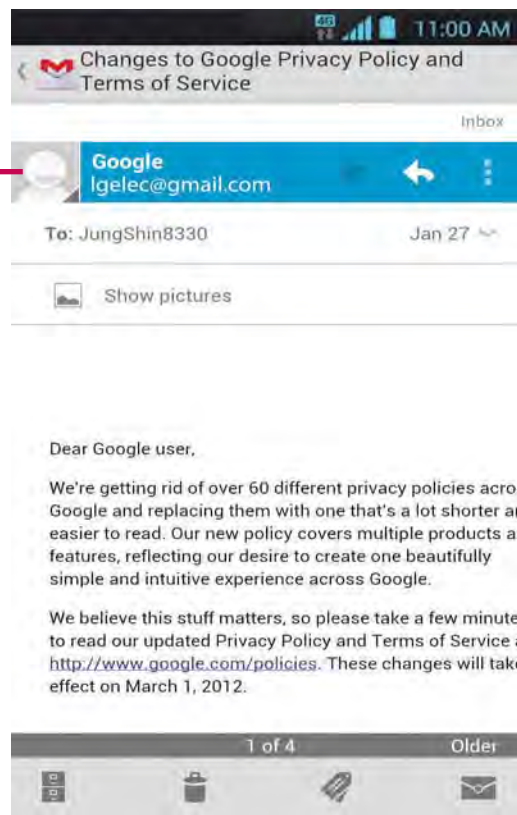
While viewing a list of conversations in your Inbox or in any list of labeled conversations, you can open a conversation to read its messages.

### To read a message






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

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

Touch the Contact's picture to open Quick Contact.






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

While reading messages in a conversation, you can use the icons at the bottom of the screen to archive the entire conversation , delete it , add a label , or label it as unread . After you archive or delete a conversation, you can touch **Undo**  at the bottom of the





screen to undo the last action and restore the message to its previous location.


You can also swipe left and right across the screen to scroll through and read the messages in your Inbox (or the conversation list you're working in).

While viewing a message, touch the message action icons on the message header to access options which include  to star it,  to reply to the sender, and  to access **Reply all** to reply to all addresses and **Forward** to forward the message to someone else.

## To reread a message

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




1. From the Home screen, touch the **Apps Key**  > **Gmail** . Then touch the conversation you want to view.
2. Touch the contact name to open that message.


While reading a message you can touch  to return a read message to the unread state. For example, to remind yourself to read it again later.

# Composing and Sending a Message

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

## To compose and send a message




1. From the Home screen, touch the **Apps Key**  > **Gmail**  > **Compose**  at the bottom left corner of the screen.

**NOTE** If you want to send the message from a different Google Account, touch  to the right of the current Google Account, then touch the account you want to use.

2. Enter a recipient's address.

As you enter text, matching addresses are offered from your Contacts list.

You can touch a suggested address or continue entering text to enter a new one.



3. Touch the **Menu Key**  > **Add Cc/Bcc** to copy (normal or blind status) recipients, if necessary.
4. Enter a subject for the message in the Subject field.
5. Enter your message in the text field.
6. Touch the **Menu Key**  > **Attach file** if you want to add an attachment to the email.
7. Touch the **Send** icon  at the top right corner of the screen to send your message.

**NOTE** If you aren't ready to send the message, touch the **Menu Key**  > **Save draft**.

# Replying to or Forwarding a Message

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

## To reply to or forward a message

1. Open the message you want to reply to or forward.
2. On the message header, touch the **Reply** icon , or touch the message actions icon , then touch **Reply all** or **Forward**.


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


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

You can add one or more people to an

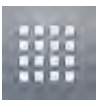


ongoing conversation by replying to all and then adding the new person's address(es) to the reply.

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

3. Enter your message and touch the **Send** icon  at the top right corner of the screen to send your message.

**NOTE** You can change the message action after you've started the message. Simply touch  in the message header and touch the option you want. For example, if you chose Reply but decide you want to Reply all.

## Google Account settings

1. From the Home screen, touch the **Apps Key**  > **Gmail** .
2. Touch the **Menu Key**  > **Settings** > **General settings**.

**Confirm before deleting** Mark the checkbox to ask to confirm before deleting a message.

**Confirm before archiving** Mark the checkbox to ask to confirm before archiving a message.

**Confirm before sending** Mark the checkbox to ask to confirm before sending a message.

**Reply all** Mark the checkbox to make Reply all the default message action.

**Auto-advance** Allows you to set which conversation list is viewed next.

**Message text size** Allows you to set your message text size.

**Hide checkboxes** Mark the checkbox to hide checkboxes and allow you to touch and hold to select an item.


**Message actions** Allows you to set when to show message actions.

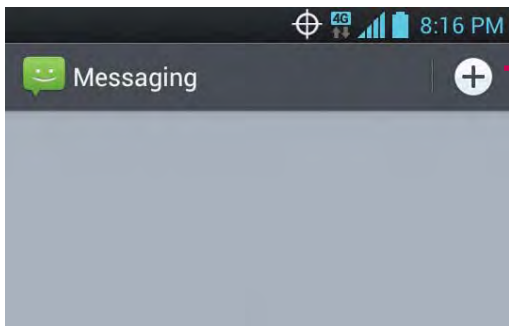
**Clear search history** Touch to clear your search history.

**Hide pictures in messages** Pictures will not be displayed automatically until you allow by sender.


# Messaging

## To open Messaging

- ▶ From the Home screen, touch the **Messaging Key**  in the Quick Keys bar.



Touch here to create a new message.

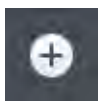
- ▶ Touch **New message**  to start a new text or multimedia message.
- ▶ Touch an existing message thread to open it.

## To delete a message thread from the Messaging window

1. Touch and hold the message thread.
2. Touch **Delete thread** in the Context menu that opens.
3. Touch **Delete** to confirm you want to delete the message thread.

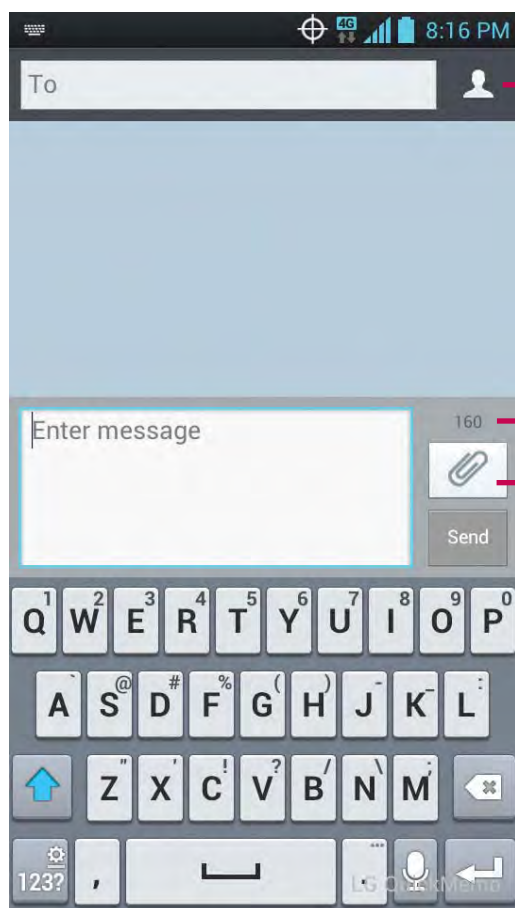


## To send a text message

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

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

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




Touch here to add contacts from the contact list.

Displays the number of characters entered and amount remaining.

Touch here to attach the files.


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

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



4. Touch **Send** to send the message.

Your message is displayed and responses appear in the same window, creating a message thread with that contact.

## To create and send a multimedia message

1. On the Messaging screen, touch **New message**  at the top right corner of the screen.
2. Enter a mobile phone number, email address, or Contact name in the **To** field. As you type, matching contacts appear. You can touch a suggested

contact or continue typing.


3. Touch the text field to start entering your message.
4. Touch the **Menu Key**  > **Add subject** to add a message subject.
5. Touch the **Attachment** icon  to open a dialog box where you can choose the type of media file to attach to the message.
  - ▶ If you touch **Picture**, you're prompted to select a picture from your Gallery.
  - ▶ If you touch **Capture picture**, the Camera application opens so you can take a picture and attach it.
  - ▶ If you touch **Video**, you're prompted to select a video from your Gallery.
  - ▶ If you touch **Capture video**, the **Camcorder** application opens so you can record a video and attach it.
  - ▶ If you touch **Audio**, you're prompted to

select an audio file from your microSD card.

- ▶ If you touch **Record voice**, the voice recording function opens and allows you to record an audio message and attach it.
- ▶ If you touch **Slideshow**, a dialog box opens and allows you to assemble photos, audios, videos, texts into a slideshow (up to 10 slides) to attach to the message. Use the buttons in the slideshow screen to preview the message, add or replace a picture, or remove a slide. Touch the **Done** button when you finish editing the slideshow.
- ▶ If you touch **Contact (vCard)**, you're prompted to select the contact(s) you want to send as vCard file(s).

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

## To respond to messages you receive

If you're working in a message window, messages that you receive from that contact are displayed. Otherwise, you receive a new message notification and a new message icon  appears in the Status Bar. When you touch the new message notification, the Message screen opens where you can reply to the message.

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

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

## To view details about a message

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

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

## Changing Messaging Settings

You can change a number of Messaging settings.

- To change the Messaging settings, open the **Messaging** application, touch the **Menu Key**  **> Settings**.

## STORAGE SETTINGS

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

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

**Multimedia message limit** Touch to set the number of multimedia messages to

save per thread.

## COMMON MESSAGE SETTINGS

**Signature** Allows you to enter a signature to automatically send with your messages.

**Callback number** Allows you to view or edit the callback number sent with your messages.

## TEXT MESSAGE (SMS) SETTINGS

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

**Set priority** Allows you to set the default priority for your text messages.

## MULTIMEDIA MESSAGE (MMS) SETTINGS

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

**Auto-retrieve** Uncheckmark this setting to download only the heading of

multimedia messages, allowing you to manually download the whole message when you're ready. This is useful for controlling how much data you download.

**Roaming auto-retrieve** Allows you to automatically retrieve messages while roaming.

**Set priority** Allows you to set the default priority for your multimedia messages.

## NOTIFICATION SETTINGS

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

**Notification sound** Allows you to select the notification sound when you receive a new message.

**Vibrate** Allows you to set the phone vibration setting when you receive a new message notification.

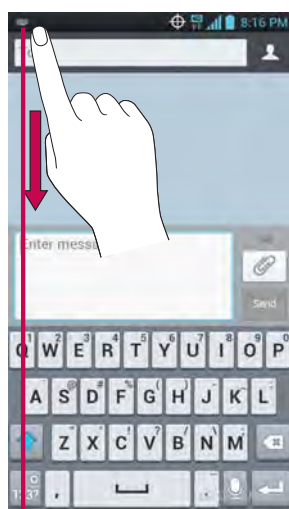


**New message popup** A pop-up will be shown when the messages are received.

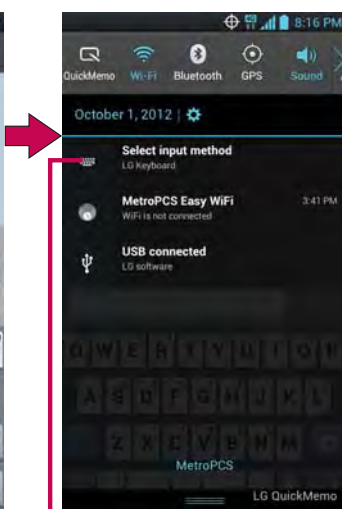
## How to select the type of keyboard you want

1. While entering text, open the Notifications panel and touch **Select input method**.
2. Choose between **Google voice typing** and **LG Keyboard**.

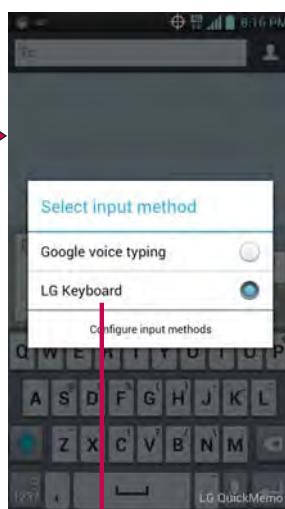
You will now be able to enter text using the new keyboard.



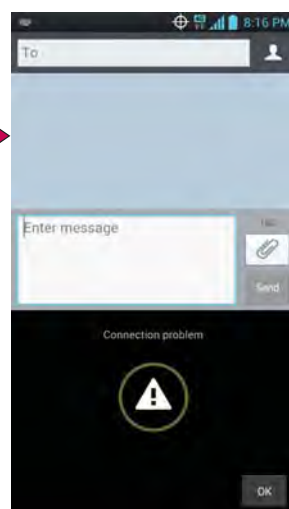
Touch and drag down.



Touch **Select input method**.


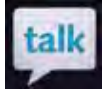


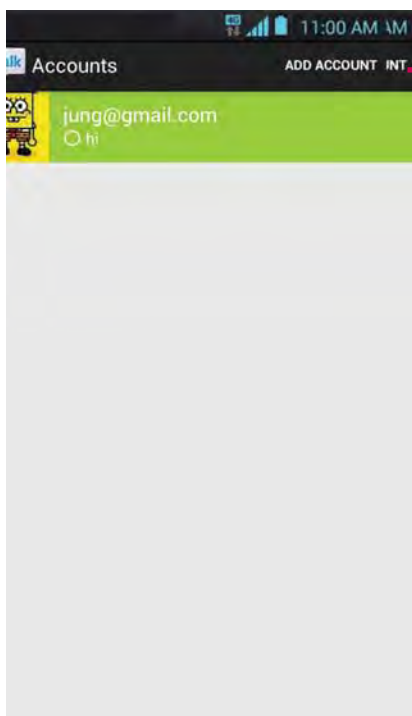
Choose the type of keyboard you want.



# Talk

## To open Google Talk and sign in

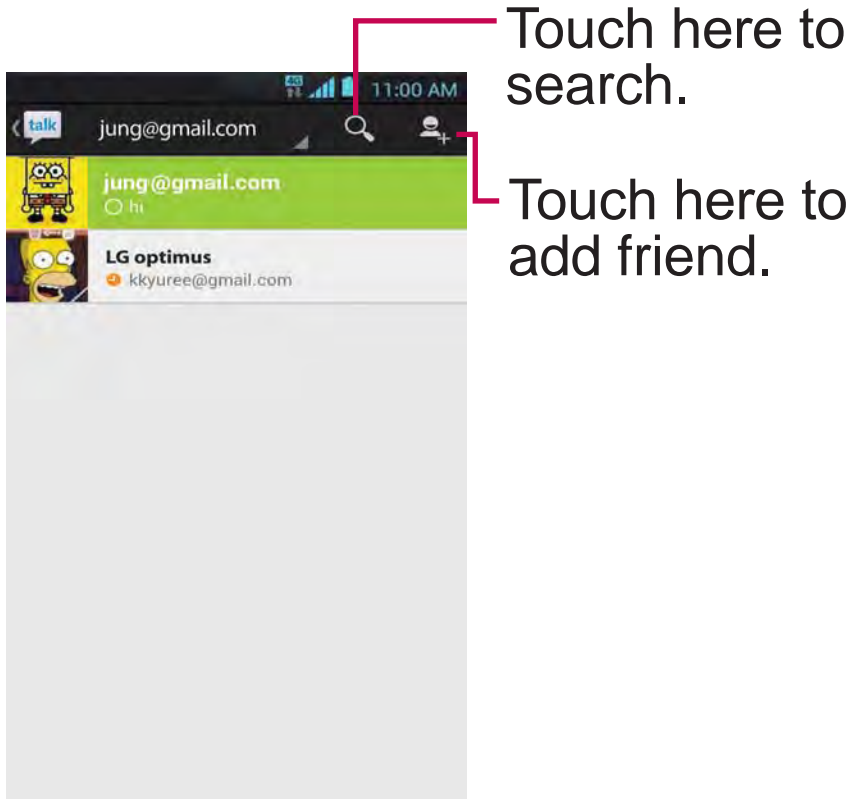
- From the Home screen, touch the **Apps Key**  > **Talk** . When you first open Google Talk, your Accounts list will be displayed. This list includes all of the Google Accounts you've added. Touch an account to see the Friends list.



Touch here to add an account.

## To sign out of Google Talk

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






► From your Friends list, touch the **Menu Key**  > **Sign out**.


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

# Chatting with Friends


## To chat with a friend

1. From the Home screen, touch the **Apps Key**  > **Talk** .

If you're already chatting with someone, you can touch  at the top left corner of the screen.

2. Touch the friend you want to chat with.
3. Enter your message, then touch **Send** .

## Friends list options

From the Friends list, touch the **Menu Key**  to access the following settings: **Display options**, **End all chats**, **Sign out**, **Settings**, **Help** and **Send feedback**.

## To accept an invitation to chat

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


► Touch the friend in your Friends list.

OR

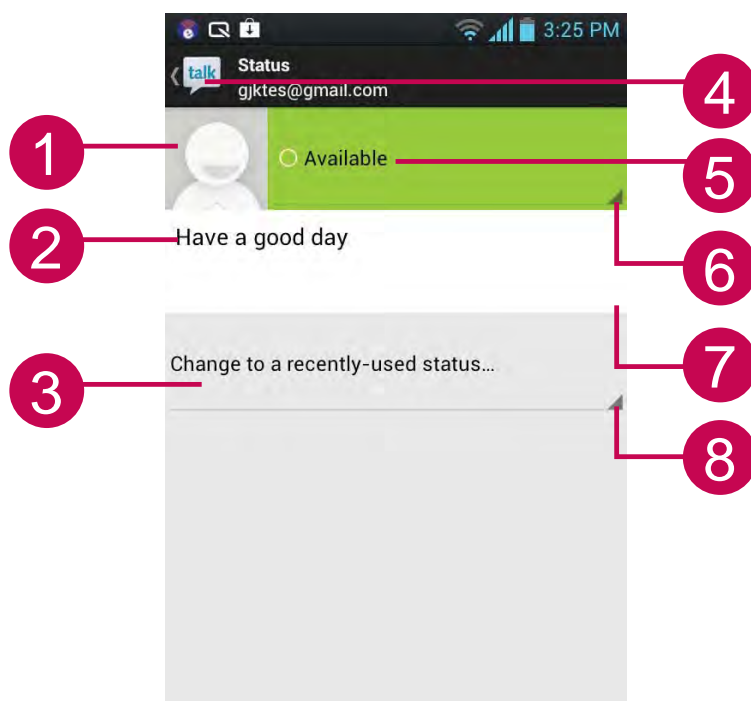
► Open the Notifications panel then touch the chat notification.

A chat window will open where you can exchange messages with your friend.

## Chat options

While you chat, touch the **Menu Key**  to access the following settings: **End chat, Go off the record, Friend info, Add to chat, Clear chat history, Settings, Help and Send feedback.**



## Changing and Monitoring Online Status








- 1 Touch to change your picture.
- 2 Your current status message.
- 3 Previously used status.
- 4 Touch here to return to your Friends list.
- 5 Your current online status.
- 6 Touch here to change your online status.
- 7 Touch here to change the status message.
- 8 Touch here to access previously used status text.


## Status Icons

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

	Available: Signed into Google Talk and available to chat.
	Away: Signed into Google Talk but not active.

	Busy: Signed into Google Talk but too busy to chat.
	Signed out of Google Talk.
	Invisible: Signed into Google Talk but appear signed out to others.
	Video Chat: Video chat is available.
	Voice Chat: Voice chat is available.



## Changing Google Talk Settings

To change the Google Talk settings, touch the **Menu Key**  from the friends list and touch **Settings**. Select the desired account and configure the settings.



# Voice Dialer

## Call a Contact by Voice Dialing

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

1. From the Home screen, touch the **Apps Key**  > **Voice Dialer** .
2. Say “**Call**” or “**Dial**” and then a name or a phone number. Or you can say “**Redial**” to redial the last number dialed.
3. If a list of results is displayed, touch the one you want to use.

## Open an Application using Voice Dialer

1. From the Home screen, touch the **Apps Key**  > **Voice Dialer** .
2. Say “**Open**” and then an application name.
3. If a list of results is displayed, touch the one you want to use. The device opens the corresponding application.






# MetroWEB

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

## NOTES

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

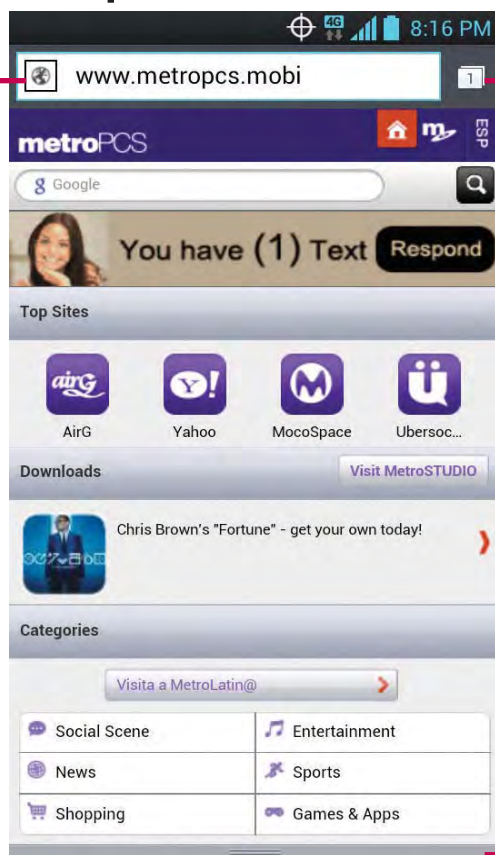
## Browse web pages

1. From the Home screen, touch the Home screen, touch the **Apps Key**  > **MetroWEB**  or touch the **MetroWEB** icon on the Home screen. To access a specific web page, touch the URL input field, enter the web address (URL) of the web page, and touch .

2. Touch the **Menu Key**  to access the MetroWEB options.

### URL Input Field


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





### Tabs






Allows you to view your open tabs.





Drag this tab upwards to display the toolbar.









3. While browsing the web page, the following options are available on the toolbar and by touching .

► To go to the previous page, touch the **Back** button  in the toolbar or touch the **Back Key** .

► To go to a next page in history, touch the **Forward** button .

- ▶ To zoom in or out, double-tap the screen. You can also use the pinch to zoom method. Place your two fingers on the screen and slowly pinch or spread them apart.
- ▶ To go to the home page, touch the **Home** button  in the toolbar.
- ▶ To open a new window, touch the **New tab** button  in the toolbar
- ▶ To view the list of bookmarks, touch **Bookmarks**  in the toolbar. You can also edit, or delete a bookmark from this menu.
- ▶ To stop loading a web page, touch the **Menu Key**  > **Stop**. The Stop option appears while a web page is loading.
- ▶ To reload the current web page, touch the **Menu Key**  > **Refresh**.

- ▶ To bookmark the current web page, touch the **Menu Key**  > **Save to bookmarks**.
- ▶ To send the web address (URL) of the web page to others, touch the **Menu Key**  > **Share page**.
- ▶ To search for text on the web page, touch the **Menu Key**  > **Find on page**.
- ▶ To copy and paste text, touch and hold the desired text from the web page. The selected text will be highlighted and a pop-up with the following options will appear: **Select all**, **Copy**, **Share**, **Find**, or **Web Search**. If you want to adjust the range of the text, drag the cursor from each edge of the text.
- ▶ To change the current mobile page to desktop page, touch the **Menu Key**  and check the **Request desktop site** checkbox.


- ▶ To access the current web page later, you can save it in the device storage by touching **Menu Key**  > **Save for offline reading** to access when offline. You can check the saved web pages by touching  > **Saved pages**.
- ▶ To customize the MetroWEB settings, touch the **Menu Key**  > **Settings**.
- ▶ To close the MetroWEB module, touch the **Menu Key**  > **Exit**.
- ▶ To view the currently active windows, touch the **Tabs** button . You can scroll up and down the open windows. To close the window, touch  or flick the window to the right or left. The windows closes and disappears from the screen.
- ▶ To open new incognito tab, touch the **Tabs** button  > **Menu Key**  > **New incognito tab**.

- To view the web page details, touch the icon to the left of URL bar.

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

## Bookmark your favorite web pages


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




1. Touch the **Menu Key**  > **Save to bookmarks**
2. You can edit the label and address (URL). You can also select the account and folder to add it to.
3. Touch **OK** to save the bookmark.

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

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

window, touch **Open in new tab**.

- ▶ To edit the bookmark details, touch **Edit bookmark**.
- ▶ To add the bookmark shortcut to one of the Home screen canvases, touch **Add shortcut to home**.
- ▶ To send the web address (URL) of the web page to others, touch **Share link**.
- ▶ To copy the web address (URL) of the web page, touch **Copy link URL**.
- ▶ To delete the bookmark, touch **Delete bookmark**.
- ▶ To use the web page as your MetroWEB homepage, touch **Set as homepage**.
- ▶ To delete the group of bookmark list at once, touch the **Menu Key**  **> Delete**. Touch each bookmark to be deleted to checkmark it, touch **Delete > OK**.

- ▶ To move the group of bookmark list at once, touch the **Menu Key**  > **Move**. Touch each bookmark to be moved to checkmark it, touch **Move**, select the subfolder, then touch **OK**.
- ▶ To view the recently visited web pages, touch  > **History** tab.
- ▶ To view the saved pages, touch  > **Saved pages** tab.

## Changing MetroWEB settings

You can configure a number of MetroWEB settings, such as managing your privacy settings.

- ▶ To open the MetroWEB settings screen, open **MetroWEB** and touch the **Menu Key**  > **Settings**.



## General

**Set homepage** Allows you to set the homepage to the following options: Current page, Blank page, Default page, Most visited sites, Other.

**Toolbar** Displays the toolbar on the bottom of the screen.

**Form auto-fill** Fill in web forms automatically.

**Auto-fill text** Set up text to be auto-filled.

## Privacy & Security

**Clear cache** Clear locally cached content and databases.

**Clear history** Clear the MetroWEB navigation history.

**Show security warnings** Show warning if there's a problem with a site's security.

**Accept cookies** Allow sites to save and read cookie data.

**Clear all cookie data** Clear all MetroWEB cookies.

**Remember form data** Remember data typed in forms for later use.

**Clear form data** Clear all saved form data.

**Enable location** Allow sites to request access to your location.

**Clear location access** Clear location access for all websites.

**Remember passwords** Save usernames and passwords for websites.

**Clear passwords** Clear all saved passwords.

## **Accessibility**

**Force enable zoom** Checkmark to override a website's request to control the zoom behavior.

## **TEXT SIZE**

**Preview** Allows you to see how the text size choices are affected as you move the slider on the Text scaling bar and the Minimum font size bar.

**Text scaling** Sets the text magnification when you access a web page. Move the slider along the bar to set it.

**Zoom on double-tap** Sets the zoom magnification when you double-tap the screen. Move the slider along the bar to set it.

**Minimum font size** Sets the minimum font size to display. Move the slider along the bar to set it.

## **INVERTED SCREEN RENDERING**

**Preview** Displays what the screen will look like if the Inverted rendering box is checkmarked.

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

**Contrast** Allows you to adjust the contrast level. This option is only available when the Inverted rendering option is selected.

## **Advanced**

**Set search engine** Allows you to select which search engine to use.

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

**Enable javascript** Checkmark to enable javascript.

**Enable plug-ins** Allows you to set when to enable plug-ins.

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

**Storage** Allows you to set where to store your downloaded data.

## **PAGE CONTENT**

**Default zoom** Allows you to set the default zoom to far, medium, or close.

**Open pages in overview** Checkmark to show newly-opened pages in an overview format.

**Auto-fit pages** Checkmark to format web pages to fit the screen.

**Block pop-ups** Checkmark to block websites from displaying pop-ups.

**Text encoding** Allows you to set text encoding.

## **RESET DEFAULTS**

**Reset to default** Restores all of the MetroWEB settings back to the default values.

## **Bandwidth management**

**Pre-load search results** Allow MetroWEB to preload high confidence search results in the background.

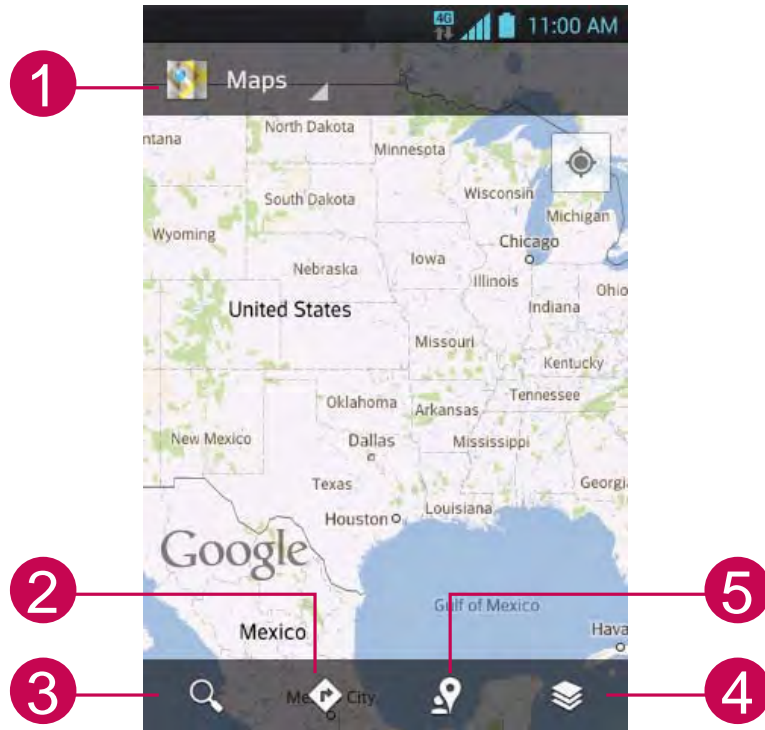
**Load images** Display images on Web pages.

## **Labs**

**Quick controls** Slide thumb from the left or right edge to open quick controls and hide app, URL bars, and the toolbar.

**Fullscreen** Use fullscreen mode to hide the Status Bar.




# Maps



1. **Maps Menu** Touch here to access **Map**, **Local**, **Navigation**, **Offers**, **My Places**, **Latitude**, and **Location history**.
2. **Directions** Touch to get directions to a destination.
3. **Search** Touch to perform a search.
4. **Layers** Touch to add layers to the map.
5. **Local** Touch to find types of places near your location.




## To search for a location


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

1. From the Home screen, touch the **Apps Key**  > **Maps** .
2. Touch the search icon  at the bottom of the screen.
3. In the search box, enter the place you're looking for. You can enter an address, a city, or a type of business or establishment. For example, "theater in New York".
4. Touch the **Search Key** on the keyboard.  
Red markers indicate search matches on the map.

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

## To get directions

1. From the Home screen, touch the **Apps Key**  > **Maps**  .
2. Touch **Directions**  .
3. Enter a starting point in the first box and your destination in the second box.







The starting point and destination can be entered manually using the keyboard or you can select places using their drop-down menus .


- ▶ The starting point dropdown menu includes **My current location**, **Contacts**, **Point on map**, and **My Places**.
- ▶ The destination dropdown menu includes **Contacts**, **Point on map**, and **My Places**.

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





**NOTE** When you search for a location in the **Maps** application, your current location is automatically entered as the starting point and a dialog box displays your recent searches allowing you to touch one to select it as the destination.





4. Touch the **Car** icon  for driving directions, the **Transit** icon  for transit directions, the **Cycling** icon  for cycling directions, or the **Walking** icon  for walking directions.
5. Touch **GET DIRECTIONS** at the bottom of the screen.
6. Your route is displayed on a map.
  - ▶ Touch a white circle marker on the map to see direction change indicators.
  - ▶ Touch  to display each direction instruction sequentially in a bubble at each juncture. You can touch  to step backward through the direction instructions.

- ▶ To view the directions in text format, touch **DIRECTIONS LIST** at the bottom left corner of the screen. From the directions list screen, touch **MAP VIEW** to return to the map view.
- ▶ Touch the **Back Key**  to return to map view.

## Switching between common features

The Maps application has icons for easy access to many common features used when searching for the places you want to go.

- ▶ Touch the **Maps menu**  at the top left corner of the screen to access Map, Local, Navigation, Offers, My Places, Latitude, and Location history.
- ▶ Touch the **Layers** icon  to access Traffic, Satellite, Terrain, Transit Lines, Latitude, My Maps, Bicycling, Wikipedia, and your search history.

- ▶ Touch the **Local** icon  to search for places near your location or your destination.
- ▶ Touch the **Directions** icon  icon to get directions.
- ▶ Touch the **Search** icon  to conduct a new search.
- ▶ Touch the **My Location** icon  to display your current location on the map.



## Maps settings


Access the **Maps** application, then touch the **Menu Key**  > **Settings**.

# Checking the Weather

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

## To get details about the weather

From the Home screen, touch the **Apps Key**  > **Weather** .

- ▶ Swipe right or left to scroll through the weather information for each of the cities in your list.
- ▶ Touch the **Refresh** icon  in the lower right corner of the Weather application screen to update the current weather of the city displayed on the weather application screen.

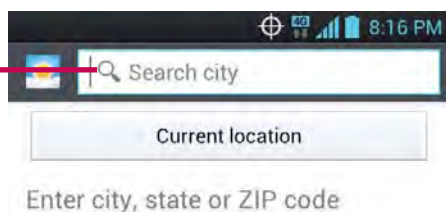
## To update or add city

The City list screen allows you to manage a list of cities that you want to monitor.

Touch the **Add** icon  to add a new city or update your current location.

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

Type in the city, state or ZIP code to search the name.



Touch to search.



# Checking the Weather

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

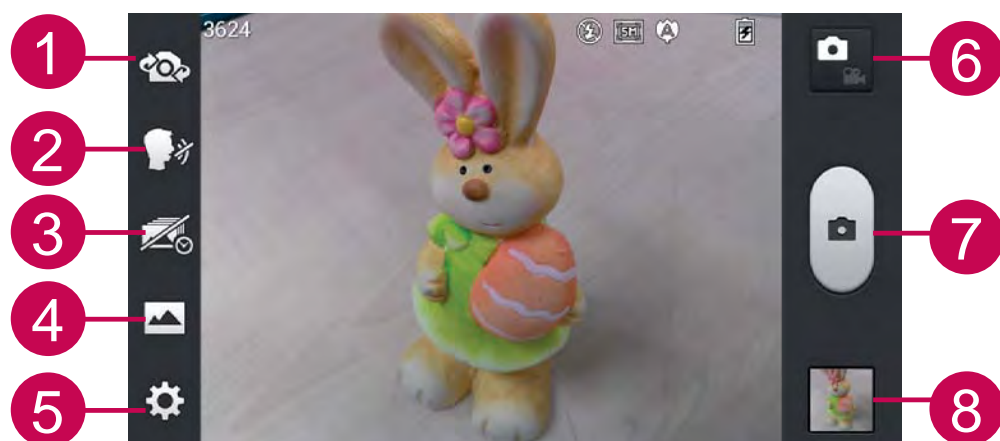
The location and related settings also affect the display of the Weather widget application.

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

# Camera

To open the Camera application, from the Home screen touch the **Apps Key**  > **Camera** .

## Getting to know the viewfinder




1. **Swap Camera** - Allows you to swap between the rear camera lens and the front camera lens.
2. **Cheese Shutter** - Allows you to say voice commands to take a photo.
3. **Time catch shot** – Time catch shot allows you to capture the missing moments by taking five sequential pictures at once before the shutter key is touched.

4. **Shot Mode** – Allows you to set the Shot mode to Normal, HDR, Panorama, or Continuous shot.
5. **Settings** - Opens the Camera settings menu.
6. **Mode Switch** - Touch this icon to switch between Camera mode and Video mode.
7. **Capture** - Touch to take a photo.
8. **Gallery** - Accesses your saved photos from within Camera mode. Simply touch this icon and your Gallery will appear on the screen.








**NOTE** Default resolution is **5M(2560x1920)**.

## Photo options







You can make adjustments to optimize your shot. The following options are available:

- **Edit quick menu** : Allows you to change the quick menu functions that appear on the viewfinder.






- **Flash** : Allows you to set the Flash to **Off**, **On**, or **Auto**.
- **Zoom** : Allows you to zoom in or out on the subject.
- **Brightness** : Defines and controls of the amount of light entering the lens. Slide the brightness indicator along the bar toward “-” for a lower brightness image or toward “+” for a higher brightness image.
- **Focus** : Allows you to adjust the focus mode to **Auto** or **Face tracking**.
- **Image size** : Allows you to adjust the image size to **5M (2560x1920)**, **3M (2048x1536)**, **W3M (2304x1296)**, **1M (1280x960)**, **W1M (1536x864)**.
- **Scene mode** : Adjust for better image capture in different environments. Choose from **Normal**, **Portrait**, **Landscape**, **Sports**, **Sunset**, **Night**, and **Smart shutter**.
- **ISO** : Controls the camera's

sensitivity to light. Choose from **Auto**, **400**, **200**, **100**.

- **White balance** : Improves color qualities under different lighting conditions. Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent**, and **Cloudy**.
- **Color effect** : Applies artistic effects to pictures. Choose from **None**, **Mono**, **Sepia**, or **Negative**.
- **Timer** : Allows you to set a timer to delay taking the picture. Choose from **3 sec**, **5 sec**, or **10 sec**.
- **Geotagging** : Allows you to select if you want to save the location information for the pictures you take. Choose from **Off** or **On**.
- **Shutter sound** : Allows you to set the shutter sound. Choose from **Tone 1**, **Tone 2**, **Tone 3**, **Tone 4**, or **Off**.
- **Auto review** : Allows you to set if you want to automatically view the picture

after you take it. Choose from **Off**, **On**, **2 sec**, or **5 sec**.

- **Storage** : Sets where your pictures are saved. Choose from **SD card** or **Internal storage**.
- **Reset** : Resets all of the settings back to the default values.
- **Camera help guide** : Touch to get information about some camera features.


## Using the focus mode

You can select from the following focus options:

**Auto** Sets the camera to focus automatically.

**Face tracking** Sets the camera to detect and focus on human faces automatically.

# Taking a quick photo

1. Open the **Camera** application.
2. Hold the phone horizontally and point the lens towards the subject you want to photograph.
3. Touch the subject on the screen and a focus box will appear in the viewfinder.
4. When the focus box turns green, the camera has focused on your subject.
5. Touch the **Capture** button  to take the picture.

**NOTE** You can also press the Volume Keys to take a picture.

# Once you've taken the photo

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

The following options are available after taking a photo:



1. **Share:** Touch to share your photo using **Bluetooth, Email, Facebook, FileShare, Gmail, Google+, Memo, Messaging, Picasa, Twitter** or any other application you've downloaded that supports this feature.
2. **Set as:** Touch to use the image as a **Contact photo, Home screen wallpaper, or Lockscreen Wallpaper.**


3. Touch to delete the image, then touch **Yes** to confirm.
4. Touch to take another photo immediately. Your current photo will be saved to your Gallery.
5. Touch to view the Gallery of your saved photos. The thumbnail shows the recently taken photo.

## Viewing your saved photos


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

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


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

**SmartShare**  Touch to share the photo using SmartShare (turn on Wi-Fi if it's not already on).

**Camera**  Touch to take a photo, or record a video.

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

**Delete**  Touch to delete the photo, then touch the **Yes** button.

**Menu Key**  Touch to open an Options menu that includes the following additional options.



- ▶ **Set image as** Touch to set the photo as the icon identifying a contact or set it as your Lock screen wallpaper or Home screen wallpaper.
- ▶ **Move** Touch to move the picture to another album or folder.
- ▶ **Copy** Touch to copy the image to another album.
- ▶ **Rename** Touch to open the keyboard to rename the photo for easy identification.
- ▶ **Rotate left** Touch to rotate the photo counter-clockwise.

- ▶ **Rotate right** Touch to rotate the photo clockwise.
- ▶ **Crop** Touch to open a cropping box tool that allows you to manually crop the photo. Use your finger to move or resize the cropping box to encompass only the part of the photo you want to see, then touch the **OK** button.
- ▶ **Edit** Touch to edit the photo.
- ▶ **Slideshow** Touch to see your photos played in a slideshow.
- ▶ **Details** Touch to display information about the photo (e.g., file type, file size, etc.).

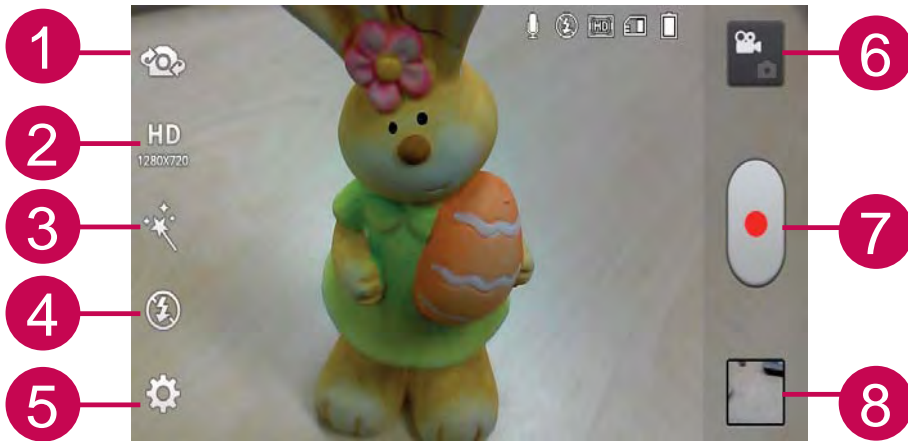
**TIP** You can use the pinch-to-zoom gesture to easily zoom in and out of the displayed picture.



# Video Camera

To open the Video Camera, from the Home screen touch the **Apps Key**  > **Camcorder** .


## Getting to know the viewfinder










1. **Swap Video Camera** - Allows you to swap between the rear camera lens and the front camera lens.
2. **Video size** - Allows you to choose the video size.
3. **Live effect** - Allows you to add various visual effects when recording a video.
4. **Flash** - Allows you to turn the flash on or off.





5. **Settings** - Opens the Camcorder settings menu.
6. **Mode Switch** - Touch this icon to switch between Camera mode and Video mode.
7. **Record** - Starts recording a video.
8. **Gallery** - Accesses your saved photos and videos from video camera mode.

## Video options



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

- ▶ **Edit quick menu** : Allows you to change the quick menu functions that appear on the viewfinder.
- ▶ **Zoom** : Zoom in or zoom out. Set the zoom before starting a video. You cannot change the zoom setting during recording.

- ▶ **Brightness** : Defines and controls the amount of sunlight entering the lens. Slide the brightness indicator along the bar toward “-” for a lower brightness video or toward “+” for a higher brightness video.
- ▶ **White balance** : Improves color qualities under different lighting conditions. Choose from **Auto**, **Incandescent**, **Sunny**, **Florescent**, and **Cloudy**.
- ▶ **Color effect** : Applies artistic effects to videos. Choose from **None**, **Mono**, **Sepia**, and **Negative**.
- ▶ **Geotagging** : Allows you to add location information to the video. This is ideal for geotagging purposes. Choose from **Off** or **On**.
- ▶ **Audio recording** : Allows you to select if you want to record audio for the video. Choose from **On** or **Off**.

- ▶ **Auto review** : Allows you to briefly view the video after taking it. Choose from **Off**, **On**, **2 sec**, or **5 sec**.
- ▶ **Storage** : Allows you to select where to store your videos. Choose from **SD card** or **Internal storage**.
- ▶ **Reset** : Resets all of the settings back to the default values.
- ▶ **Video help guide** : Allows you to get information of video.

# Recording a quick video

1. Open the **Camcorder** application.
2. The video camera viewfinder appears on the screen.
3. Holding the phone horizontally, point the lens toward the subject of the video.
4. Touch **Record**  once to start recording.
5. The video length timer begins counting.
6. Touch **Stop**  on the screen to stop recording.

**NOTE** You can also press the Volume Keys to start and stop recording.

# After recording a video

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



The following options are available:

1. **Play** Touch to play the video you just recorded.
2. **Share** Touch to share your video using **Bluetooth, Email, FileShare, Gmail, Google+, Messaging, YouTube** or any other compatible applications you have downloaded.

**NOTE** Additional charges may apply when multimedia messages are downloaded while roaming.

3. Touch to delete the video you just made, and confirm by touching **Yes**. The viewfinder will reappear.
4. Touch to record another video right away.
5. Touch to view the Gallery of your saved videos. The thumbnail shows the recently recorded video.

## Watching your saved videos

1. In the viewfinder, touch the video thumbnail at the bottom of the Camera application.
2. Your Gallery will appear on the screen.
3. Touch the video to play it automatically.

## Your Photos and Videos

### Adjusting the volume when viewing a video

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

# Gallery

## Opening Gallery and Viewing Your Albums

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

### To open Gallery and view your albums



- From the Home screen, touch the **Apps Key**  > **Gallery** .

OR

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



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



- ▶ Touch an album to open it and view its contents.
- ▶ Touch a picture or video in an album to view it.
- ▶ Return to the main Gallery screen at any time by touching  at the top left of the screen.
- ▶ Touch the **Menu Key**  to access **New Album, Delete, Hide/Show album, and Settings.**

## To share an album




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

1. From the Home screen, touch the **Apps Key**  > **Gallery** .
2. Touch and hold the desired album and then touch **Share**.

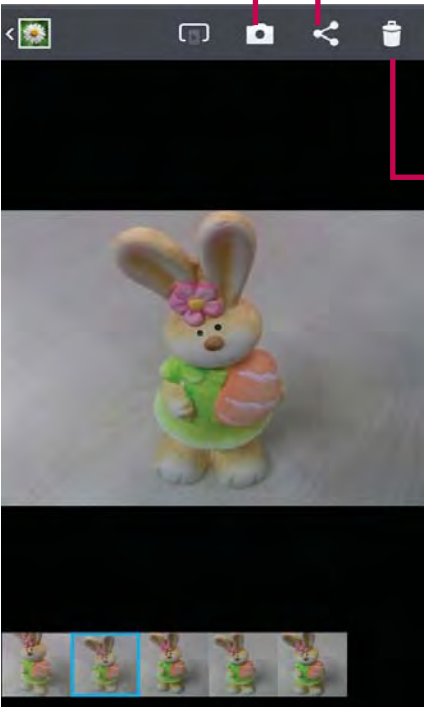
# Working with Pictures

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

## To view and browse pictures

1. From the Home screen, touch the **Apps Key**  > **Gallery** .
2. Open an album and touch a picture.
3. Touch the **Menu Key**  to access **Set image as, Move, Copy, Rename, Rotate left, Rotate right, Crop, Edit, Slideshow or Details.**

Touch here to go to camera mode.



Touch here to share.

Touch here to delete.

## To edit pictures

Touch here to undo the last action.



Touch here to save.

Touch here to redo the previously undone action.

Touch here to access the editing tools.

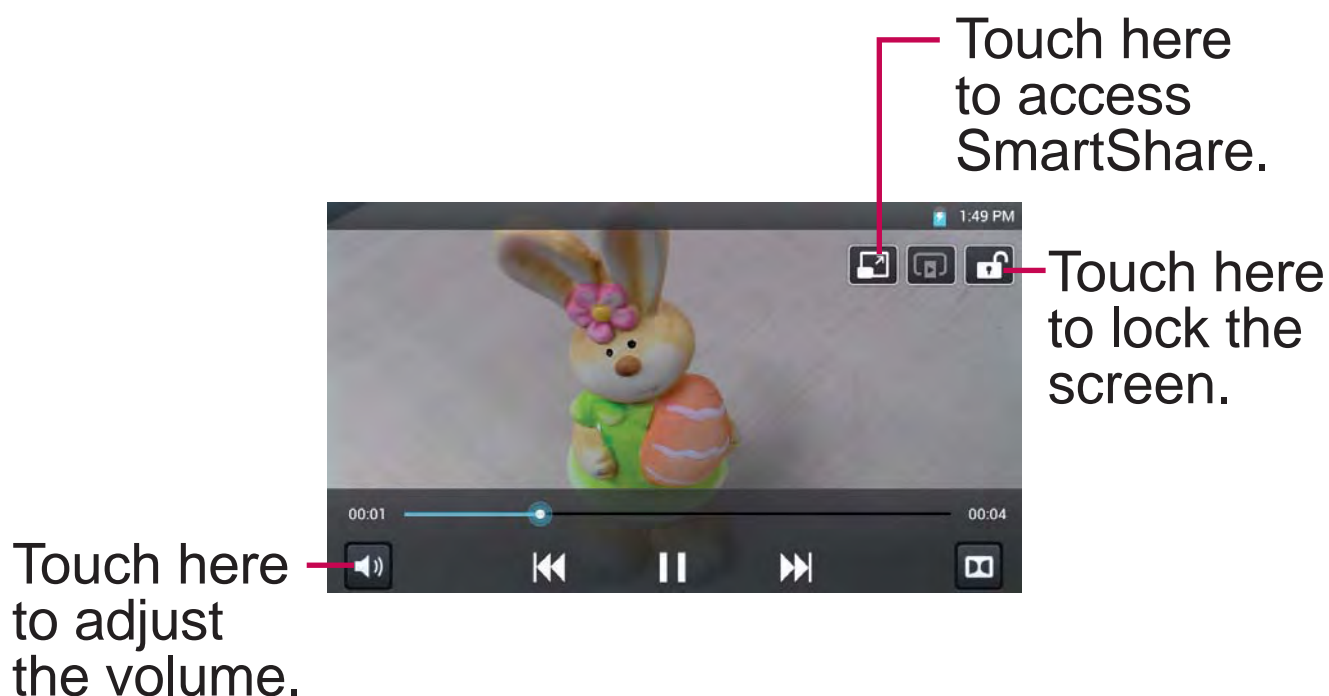
# Working with Videos

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

## To play videos

- Open a Gallery album, then touch a video.




The video plays in the orientation you recorded it in.






- Touch the screen while the video is playing to view the playback controls.

## To share a video

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

1. From the Home screen, touch the **Apps**  > **Gallery** , then touch an album.
2. While viewing an album, touch the **Share** .
3. Select the desired videos and touch **Share**.
4. In the dialog box that opens, touch the application you would like to use to share the selected videos.
5. Enter the necessary information and share it.



## To delete a video

1. From the Home screen, touch the **Apps Key**  > **Gallery** , then touch an album.
2. While viewing an album, touch the **Delete** icon  at the top right corner of the screen.
3. Touch to checkmark the video(s) you want to delete.
4. Touch **Delete** at the bottom of the screen.
5. Touch **Yes**.

**NOTE** Touch and hold a video file to delete a single video. Touch **Delete**, then touch **Yes** to confirm.

# Video Wiz

You can make your own movie using your images, videos, and music.

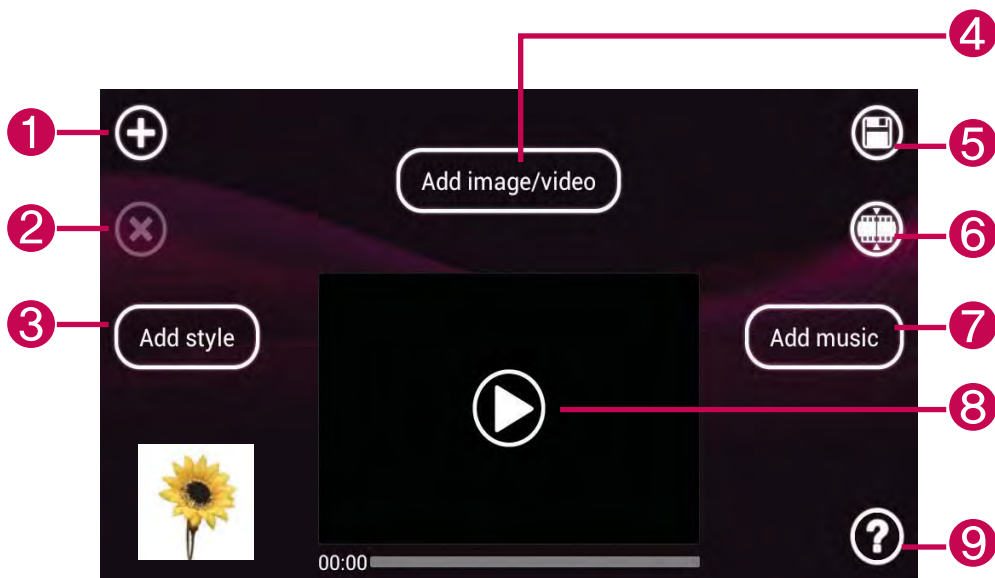
1. From the Home screen, touch the **Apps Key**  > **Video Wiz** .
2. Touch the **Add image/video** button (see ④ on the next page) to add the image and video files to make your music video.
- NOTE** You can add up to 20 images and 5 videos. Video files should be between 3sec. - 10mins.
3. Touch the **Add music** button (see ⑦ on the next page) to select the background music.
4. Touch the **Add style** button (see ③ on the next page) to select the style of video you want to create.
5. Touch the **Play** button (see ⑧ on the next page) to preview your music video.

**NOTE** The length of the final version will vary depending on the size and number of


the images, the size and length of the video footage, as well as the music added and the style selected.

6. Touch the **Save** button (see 5 below) to save the video.

**NOTE** Your saved music video is saved in the 'video wiz' folder of your microSD card.



## Video Wiz Options

**1 Add Media**  Touch this icon to add additional images and/or video to your movie.


► Touch **Images** to add images, then touch the image(s) you want to add.


► Touch **Videos** to add video footage,



then touch the video(s) you want to add.

- ▶ Touch **OK**  to exit after all of the media files have been added.

**2 Delete Media**  Touch this icon to remove the selected image(s) and/or video(s).

- ▶ Touch an image or video in the added media contents section, touch the **Delete Media** icon , then touch **Delete selected** (or **Delete all files**).

**3 Add Style** Touch this button to select the desired movie style.

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

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

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

**5 Save**  Touch this icon to save the movie file.


**6 Edit**  Touch this icon to edit the movie file.

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

▶ Touch the **Overlay Text** icon  to insert text.

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

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

▶ Touch **OK**  to exit when you're finished editing.

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




**8 Preview**  Touch this icon to play your movie.

**NOTE** Touch **Help**  to view information on how to use the Video Wiz application.

# Play Store™

Play Store allows you to browse and search for free and paid applications.

## To open the Play Store application

- From the Home screen, touch the **Apps Key**  > **Play Store**  or touch the **Play Store** icon  on the Home screen.

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

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



Touch here to search for the apps.

## To get help with Play Store

Play Store Help web pages are available from all Play Store screens.

- ▶ Touch the **Menu Key**  > **Help**.

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

## To open a screen with details about an application

- ▶ At any time while browsing Play Store, touch an application to open its details screen.

The Application details screens include a description, ratings, comments, and related information about the application. From this screen, you can download, install, uninstall, and rate the application, and more.

## To return to the Play Store home screen

You can return directly to the Play Store home screen from most other screens in Play Store.

- ▶ Touch the **Play Store** icon  at the top left corner the screen.

# Downloading and Installing Applications

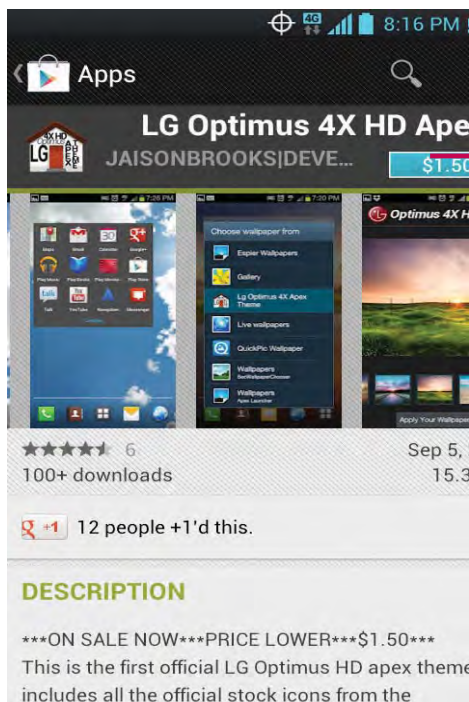
When you find an application you want, you can install it on your phone.

## To download and install an application

**NOTE** Before you can download a paid application, you must set up a billing arrangement.

1. Find an application you want and open its details screen.

In the application's details screen, you can read more about the application, including its cost, overall rating, and comments by users. Scroll down to the Developer Info section to view more applications by this developer, visit the developer's website, or send the developer an email message.



Here indicates the price.

2. Touch **Install** (for free applications) or the **Price button** (for paid applications). If the application requires access to your data or control of any functions on your phone, Play Store tells you what the application can access.

## WARNING!

Read this screen carefully. Be especially cautious with applications that have access to many functions or to a significant amount of your data. Once you accept on this screen, you are responsible for the results of using this item on your phone.

3. If you agree to the application's access requirements, touch **Accept & download** (for free applications) or **Accept & buy** (for paid applications).
- ▶ If you selected a paid application, you're redirected to the Google Checkout™ screen to pay for the application before it's downloaded to your phone.
  - ▶ If you selected a paid application (or after touching Accept & buy in Google Checkout™), you receive a series of notifications as the application is downloaded and then installed on your phone.

When the application is installed, you can touch the notification to open the application or open it by touching its icon in the Apps screen.

You have 15 minutes to try out an application and, if you decide you don't want it, to uninstall it for a refund.



If you have another Android™ phone, you can download a paid application to that phone using the same Play Store account, at no additional charge.

## To create a Google Checkout™ account

You must have a Google Checkout™ account associated with your Google Account to purchase items from Play Store.

- ▶ On your computer, go to <http://checkout.google.com> to establish a Google Checkout™ account.

OR

- ▶ The first time you use your phone to buy an item from Play Store, you're prompted to enter your billing information to set up a Google Checkout™ account.

## WARNING!

When you've used Google Checkout™ once to purchase an application from Play Store, the phone remembers your password, so you don't need to enter it the next time. For this reason, you should secure your phone to prevent others from using it without your permission.

# Music Player

## Transferring Music Files to Your Phone

The **Music Player** application plays audio files that are stored on your phone's microSD card. Copy audio files from your computer onto the microSD card before you open the Music Player application.

**NOTE** The LG USB driver needs to be installed on your PC before connecting your phone to transfer music.

### To copy music files onto the phone's microSD card

1. Connect the phone to your computer with a USB cable. If the default connection mode is not set to Media sync (MTP), open the **Notifications panel** and touch **USB connected > Media sync (MTP)**. Your computer will prompt you with different actions to take. Choose to open the folder to view files.

- Use the computer to organize your audio files then create a music folder at the top level of the microSD card.

**NOTE** The LG SPIRIT 4G™ can use a removable microSD card to store user content, such as photos, videos, and voice recordings. If the USB connection mode is set to Media sync (MTP) when connecting the phone to a PC via USB cable, one Portable Devices drive will be displayed on your PC, one for the internal memory and another for the microSD card (if installed). You can copy files to and from both disk drives.”

2. Use the computer to copy music and other audio files into the folder that you created on the microSD card.

- You can use subfolders on the microSD card to organize your music files or you can simply copy the audio files to the top level of the microSD card.

3. To disconnect your phone, open the **Notifications panel** and touch **USB**

**connected > Charge only.** Then disconnect the USB cable from the phone.



## Opening Music Player and Working with Your Library

After you've copied some music onto your microSD card you can open the Music Player application and see your library of music files, sorted in one of four ways.

### To open Music Player and view your music library

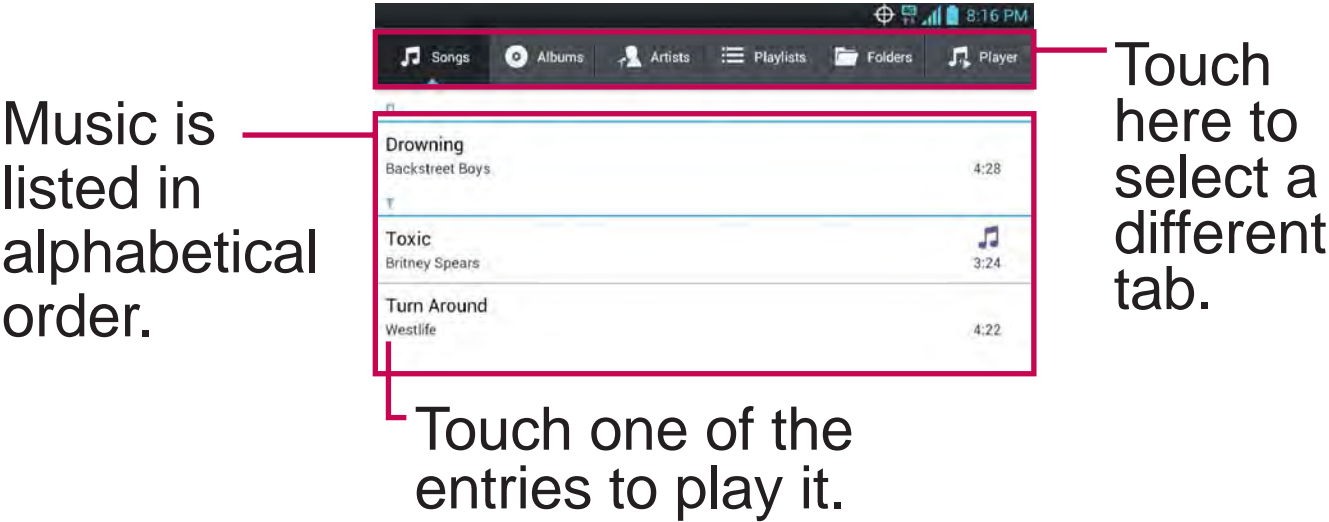
After you've copied some music onto your microSD card you can open the Music application and view your library of music files, sorted in one of four ways.


### To open the Music Player and view your music library

- ▶ From the Home screen, touch the **Apps Key**  > **Music Player** .


The Music Player application searches the microSD card for music files you copied to your card, then builds a catalog of your music based on the information contained in each music file. This can take from a few seconds to several minutes, depending on how many files you have copied onto the microSD card.

When the catalog is complete, the Music library screen opens with tabs at the top of the screen that you can touch to view your music library organized by Songs, Albums, Artists, Playlists, or Folders.



You can return to the main Library screen from the Playback screen in the Music Player application by touching the **Menu Key**  **> Library.**

## To search for music in your library

1. Open the main Library screen then touch the **Menu Key**  **> Search.**
2. Start typing the name of the artist, album, or track you're looking for. Matching songs are displayed in the list below the search box.
3. Touch a matching song to play it or touch a matching album or artist to view a list of associated songs.

## To delete a song from the microSD card

You can delete music from the storage card.

- Touch and hold a song in a library list. In the Context menu that opens, touch **Delete > OK.**

OR

- On the Playback screen, touch the **Menu Key**  **> Delete > OK.**

You can also delete music files from the microSD card when your phone is connected to the computer. To do this, connect your device as Media sync (MTP), browse for the music files you wish to delete and delete them from the folder.




# Playing Music

You can listen to music using the phone's built-in speaker, through a wired headset, or through a wireless Bluetooth stereo headset that supports the A2DP profile.

## To play music

- ▶ Touch a song in your library to listen to it.

OR

- ▶ While viewing a list of tracks in an album, touch the **Menu Key**  **>** **Play all.**

The Playback screen opens and the song you touched or the first song in the album or other playlist starts to play. Your music continues to play even when you switch applications or receive a phone call. The tracks in the current playlist play in order until it reaches the end, then stops. If you choose a repeat option, playback only stops when you stop it.











Touch here to restart, play or skip.

You can return to the Playback screen from most other screens in the Music Player application by touching the currently playing song at the bottom of the screen.

You can return to the Playback screen from any other application by opening the Notifications panel and touching the ongoing music notification.

# To control playback

The Playback screen contains several icons that you can touch to control the playback of songs, albums, and playlists:

	Touch to pause playback.
	Touch to resume playback.
	Touch to skip to the next track in the album, playlist, or shuffle. Touch and hold to fast-forward.
	Touch to restart the current track or skip to the previous track in the album, playlist, or shuffle. Touch and hold to rewind.
	Touch to open the current playlist.
	Touch to play the current playlist in shuffle mode (tracks are played in random order).
	Touch to set repeat mode to repeating all songs, repeat current song, or repeat off.
	Touch to set the Dolby Mobile setting, which enhances your audio listening.

	Displays the lyrics, if available. This icon is only activated when lyrics are available for the current song.
--	--

## To control playback volume

In addition to the techniques for setting media volume, you can control the volume of music in the Music Player application.



- ▶ Press the phone's up/down **Volume Keys**. A panel opens to show the current media volume. Some headsets include their own volume controls or ways to pause and resume playback or to skip tracks.

## To play your tracks in a party shuffle


When you turn on Party Shuffle, the Music Player application plays tracks from your microSD card in random order until Party Shuffle is turned off.

- ▶ In a Library screen, touch the **Menu Key**  > **Party shuffle**.

The Music Player application creates a playlist of tracks selected randomly from your microSD card and starts playing them.

- ▶ View the current playlist that Party Shuffle is playing by touching the **Playlist** icon  on the Playback screen.
- ▶ Add a track to the end of the Party Shuffle playlist by touching and holding the name of a track in your library. In the menu that opens, touch **Add to playlist > Now playing list**.
- ▶ Stop Party Shuffle by touching the **Menu Key**  > **Party shuffle off**.

## To customize settings in the Playback or a Library screen

From the Library or Playback screen, touch touch the **Menu Key**  > **Settings**.

- ▶ **Show notification** Shows the controller on the Notifications panel.
- ▶ **Sleep timer** Turns off the player automatically. Touch the following options to apply sleep timer: **Off, After 10 minutes, After 20 minutes, After 30 minutes, After 1 hour, After 2 hours**
- ▶ **Audio effects** Applies the following sound effect options: **Off, Dolby Mobile, Bass reducer, Treble booster, Bass booster, Vocal booster, Headset enhancer, Custom.**

## To use a song as a ringtone

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

- ▶ Touch and hold a song in a Library list. In the Context menu that opens, touch **Set as ringtone.**


OR

- ▶ On the Playback screen, touch the **Menu Key**  > **Set as ringtone.**

## Working with Playlists

You can create playlists to organize your music files into sets of songs, which you can play in the order you set or in a shuffle.

### To create a playlist

1. From the Music Player Library, touch the **Playlists** tab.
2. Touch the **Menu Key**  > **New playlist.**
3. Enter a name for the playlist and touch **OK**. The new playlist is added to the Playlist tab

### To add a song to a playlist

1. From the Music Player Library, touch and hold the song you want to add to a playlist.

2. In the context menu that opens, touch **Add to playlist** and touch the name of the playlist you want to add it to.

## To remove a song from a playlist

1. Open a playlist.
2. Touch and hold the song you want to remove then touch **Remove from playlist**.

## To delete a playlist

1. Open the Playlist library.
2. Touch and hold the desired playlist to display the Context menu, then touch **Delete > OK** to confirm.

## To rename a playlist

1. Open the Playlist library.
2. Touch and hold the desired playlist to display the context menu, then touch **Rename**.
3. Enter the new name and touch **OK** to confirm.





# Videos

You can play a wide variety of videos using the Videos application. The Videos application supports the following file formats: mp4, avi, wmv, mov, mkv (Codec: MPEG4, H.263, H.264, VC-1, DivX<sup>®</sup> and Xvid).

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




## To open the Videos application

- 1. From the Home screen, touch the **Apps Key**  > **Videos** .
- 2. Touch the video you want to play.

## Playback controls



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



	Pause playback.
	Play a video file.

	Touch to play the next video file. Touch and hold to fast-forward playback.
	Touch to play the previous video file. Touch and hold to rewind playback.
	Touch to set the Dolby Mobile setting, which enhances your music listening.

## Videos options

The following options are available from the Videos main screen:

- ▶ **Details** Touch and hold a video, then touch **Details**.
- ▶ **Delete** Touch the **Delete** icon  at the top right corner of the screen, then checkmark each video you want to delete. Then touch **Delete** > **Yes** to confirm.
- ▶ **Sort** Touch the **Sort** icon  at the top right corner to sort the videos by title, date, size, or type.



- ▶ **Grid/List View** Touch the **Menu Key**  > **Grid/List view** to view the videos in a grid or list.
- ▶ **Auto play next** Touch the **Menu Key**  > **On/Off** to automatically play the next video after the current video or stop playback.
- ▶ **DivX® VOD** to view the registration code to register your device to allow playback of DivX® protected videos.


# YouTube™

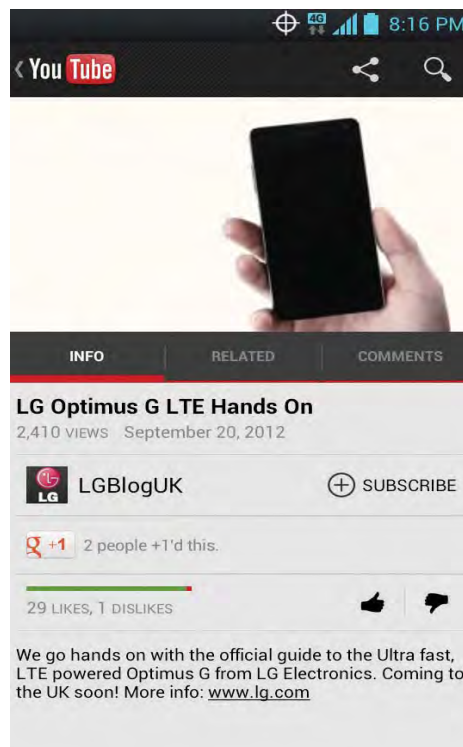
## Opening YouTube and Watching Videos

You can browse, search for, view, upload, and rank YouTube videos on your phone with the **YouTube** application.

### To open the YouTube application

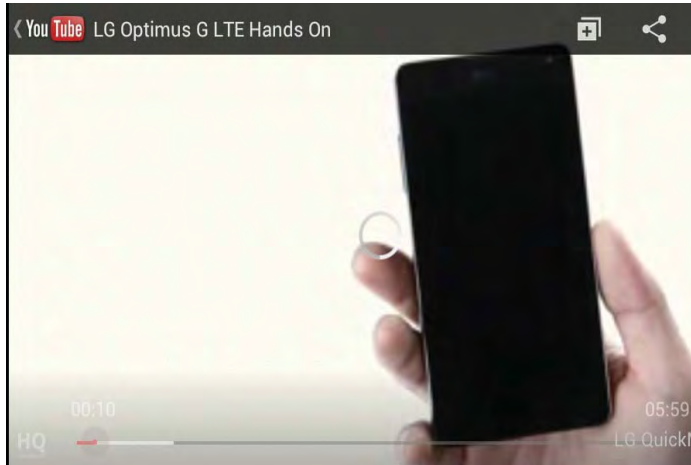
► From the Home screen, touch the **Apps Key**  > **YouTube** .



Touch a video to watch it or touch the **Menu Key**  to take other actions on the video.



# To watch and interact with YouTube videos



- ▶ Touch a video to play it.



- ▶ Touch the screen to view the Playback controls. You can pause and play the video or drag the slider to the point in the video you want to watch.
- ▶ Touch the **Back Key**  to stop playback and return to the videos list.
- ▶ Touch the **Menu Key**  for the following options: Add to, Like, Dislike, Copy URL, Flag, Add YouTube TV, Settings, Feedback, and Help.




For details about these features, visit the YouTube website.

## To search for videos

1. At the top of the main YouTube screen, touch .
2. Enter the text to search for or touch the **Microphone icon**  to search by voice.
3. Touch a suggestion below the search box or touch the **Search Key**.
4. Scroll through the search results and touch a video to watch it.

# FileShare




FileShare application allows you to share multimedia files and documents to other devices via Wi-Fi Direct.

1. To access this application, from the Home screen, tap **Apps**  > **FileShare** .
2. Choose the types of content you would like to share. Tap **Images**, **Videos**, **Music**, or **Documents**.
3. Tap the **Send file** icon  in the upper right corner of the screen, then checkmark the file(s) you want to share.
4. Tap **Send** to begin scanning for available devices, then select the device you want from the list.

# SmartShare

**SmartShare uses** DLNA (Digital Living Network Alliance) technology to share digital content through a wireless network. Both devices must be DLNA certified to support this feature.

## To turn SmartShare on and allow sharing contents

1. From the Home screen, touch the **Apps Key**  > **SmartShare** .
2. Touch the **Menu Key**  > **Settings**.
3. Touch **Discoverable** to checkmark it to allow your device to be detected by other devices.
  - ▶ Checkmark **Always accept requests** if you would like to automatically accept sharing requests from other devices.
  - ▶ Checkmark **Receive files** if you would like to allow other devices to upload media files to your phone.








**NOTE** Make sure that the microSD card is correctly mounted and the Receive files option in the Settings menu is checkmarked.

4. Under the SHARED CONTENTS section, touch to checkmark the types of content you would like to share. Choose from **Photos**, **Videos**, and **Music**.
5. SmartShare is now activated and ready to share the available content type(s) you selected for sharing.

## To control your renderer devices




Let your renderer device (e.g., TV) play multimedia contents from your remote content library (e.g., PC).

**NOTE** Make sure that the DLNA functionality of your devices are properly configured (e.g., TV and PC).

1. From the Home screen, touch the **Apps Key**  > **SmartShare** .
2. Touch the **To** icon  at the top right of the screen, then touch the device you want to use from the renderer device list.
3. Touch the **From** icon  at the top left of the screen, then touch 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 touch **Play** or touch the **Menu Key**  > **Play**.

# To 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, touch one of the icons  /  /  at the top of the screen.
2. Select the device from renderer lists to play the files.

**NOTE** The Videos uses similar steps to share contents.



: Need to connect to a network.  
Allows you to connect.



: Allows you to select a device on the network.






: Content is currently being shared through SmartShare.

**NOTICE** Check that your device is connected with your home network using a 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.




## To download contents from the remote content library

1. From the Home screen, touch the **Apps Key**  > **SmartShare** .
2. Touch the **From** icon  at the top left of the screen, then touch 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 touch **Download** in the Context menu.

**NOTICE** Some content types are not supported.

# To upload contents to the remote content library

**NOTE** Make sure that the microSD card is correctly mounted and the Receive files option in the Settings menu is checkmarked.

1. From the Home screen, touch the **Apps Key**  > **SmartShare** .
2. Touch the **From** 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 touch **Upload** in the Context menu.
5. Select the device of the remote content library to be uploaded.





## NOTICE

- Some DLNA enabled devices do not support the DMS upload functionality and will not upload files.
- Some content types are not supported.



# Voice Recorder

The **Voice Recorder** application records audible files for you to use in a variety of ways. Use them simply to remind you about something you don't want to forget (like a grocery list) or record sound effects that you can attach to a message or set as a ringtone for calls.

## Record a Voice Memo




1. From the Home screen, touch the **Apps Key**  > **Voice Recorder** .
2. Touch  to start recording.
3. Speak into the microphone.
4. When you're finished, touch .

The recording is automatically saved to your recordings list.

- ▶ Touch  to listen to your recording.
- ▶ Touch  to record a new voice memo.






► Touch  to view your list of recordings.

## Play a Voice Memo


1. From the Home screen, touch the **Apps Key**  > **Voice Recorder** .
2. Touch .
3. Touch the voice memo you wish to play.

**NOTE** You can send the voice memo to others by touching and holding a voice memo and touching Share.

## Managing your Voice Memos

1. From the Home screen, touch the **Apps Key**  > **Voice Recorder** .
2. Touch .
3. Touch the following options from the quick action bar at the top of the screen.
  - Touch the **New** icon  to return to the Voice Record screen to record a new audio file.
  - Touch the **Share** icon  to send

via **Bluetooth, Email, FileShare, Gmail, Memo, Messaging**, or other compatible applications you have downloaded.

- ▶ Touch the **Delete** icon  to delete voice memo(s). Touch the voice memo(s) to delete then touch **Delete > Yes**.

**NOTE** You can also touch and hold an audio file in the list to select **Details, Share, Delete**, or **Rename** in the Context menu that appears.



# Calendar

## Viewing Your Calendar and Events

Open the Calendar application to view events you've created or that others have invited you to.

When you first set up your phone, you configured it to use an existing Google Account or you created a new account. The first time you open the Calendar application on your phone, it displays any existing calendar events from your Google Account on the web.

## To open the Calendar application

► From the Home screen, touch the **Apps Key**  > **Calendar** .

Events from each account you've added to your phone and configured to synchronize calendars is displayed in your Calendar.

Events from each calendar account are displayed in a different color.

## To change your calendar view

No matter where you are in the Calendar application, you can easily switch calendar views. Simply touch the date in the upper left corner of the screen to display a drop-down menu of calendar views. Touch **Day**, **Week**, **Month**, or **Agenda**.

- ▶ To view more information about an event in the Agenda, Day, or Week view, touch the event.
- ▶ To view the events of a day in Month view, touch a day. The event will be displayed. Touch the event to view its details.

## Working in Day View

Day view displays a list of the events of one day, in a table of one-hour rows. The current time will be designated as a thick horizontal black line. If it's a day of commemoration (e.g., a holiday) it is listed at the top of the screen. All-day and multi-day events are displayed at the top. Part of the title of each event is displayed in the row that corresponds to when it occurs. To view other days, simply swipe left to see future days and right to see past days.

### To switch to Day view

- ▶ Touch the date in the top left corner above the calendar, then touch **Day** in the drop-down menu.

Touch here to switch to Week, Month, or Agenda view.



Touch here to create a new event.

## To learn more about events in Day view

- Touch an event to view its details.

## To add an event in Day view

- Touch and hold an empty spot or an event in the day to open a Context menu then touch **New event** to create a new event at that time.

**OR**

- Touch  and select the calendar you want to use (if applicable).

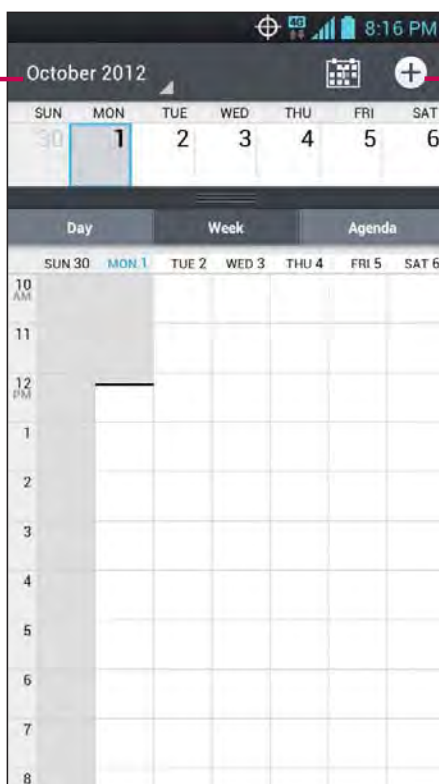
# Working in Week View

Week view displays a chart of the events of one week. All-day and multi-day events are displayed at the top. To view other weeks, simply swipe left to see future weeks and right to see past weeks.

## To switch to Week view

- Touch the date in the top left corner above the calendar, then touch **Week** in the drop-down menu.

Tab here to switch to Day/ Month or Agenda View.



Touch here to create new event.


## To learn more about events in Week view

- ▶ Touch an event to view its details.

## To add an event in Week view

- ▶ Touch and hold an empty spot or an event in the week to open a Context menu then touch **New event** to create a new event at that time.

**OR**

- ▶ Touch  and select the calendar you want to use (if applicable).

# Working in Month View

Month view displays a chart of the events of the month. Segments of each day with scheduled events are blue in the day's vertical bar. To view other months, simply swipe upward to see future months and downward to see past months.

## To switch to Month view

- Touch the date in the top left corner above the calendar, then touch Month in the drop-down menu.

Touch here to switch to Day/Week or Agenda view.



Touch here to create new event.

## To view more information about events in Month view

- ▶ Touch a day to display the events for that day. You can then touch the event to view more information about it.

## Working in Agenda View

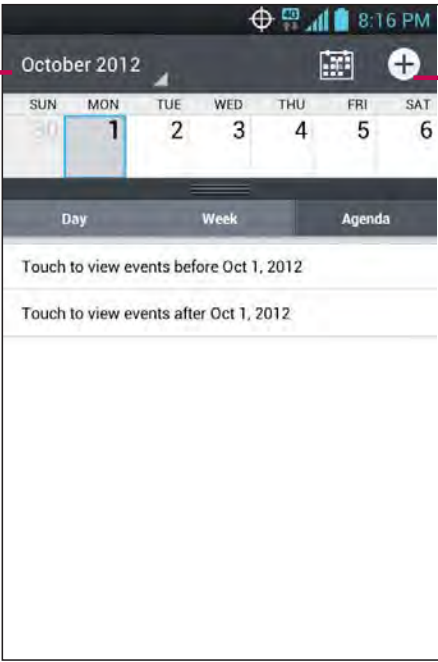
Agenda view is a list of your events in chronological order by day. A month's worth of events is displayed. To show earlier Agenda events, touch **Touch to view events before** at the top of your Agenda list. To show later Agenda events touch **Touch to view events after** at the bottom of your Agenda list. All-day and multi-day events are listed at the start of each day.

## To switch to Agenda view

- ▶ Touch the date in the top left corner above the calendar, then touch **Agenda** in the drop-down menu.



Tab here to switch to Day/Week or Month View.



Touch here to create new event.

## To learn more about events in Agenda view

► Touch an event.

A screen with details about the event opens.

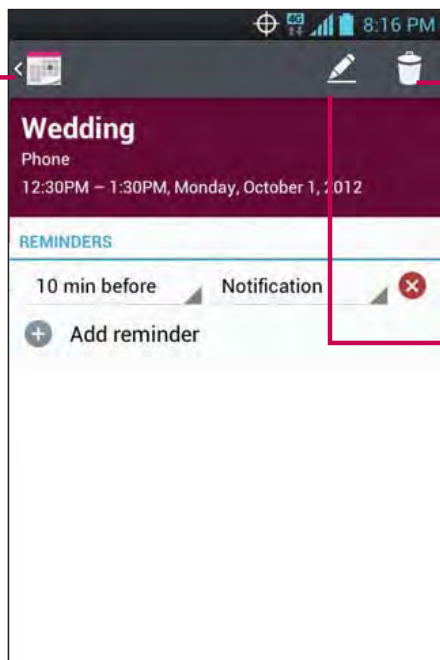
# Viewing Event Details

You can view more information about an event in a number of ways, depending on the current view.

## To view information about an event

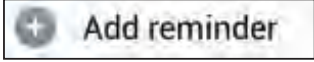

- ▶ In Agenda, Day, or Week view, touch an event to view its details.
- ▶ In Month view, touch a day to display the events. Then touch an event to view its details.



Touch here to go back to calendar view.




Touch here to delete the event.

Touch here to edit the event.

Touch the **REMINDERS** field to change reminder settings, touch  to add another reminder, or touch the **Remove reminder** icon  to remove the reminder.

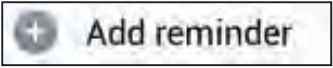
If you have permission to change the event, you can touch the **Edit** icon  (at the top of the screen) to edit the event or touch the **Delete** icon  (at the top right corner of the screen) to delete the event.

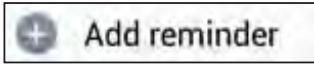
To share an event, touch the **Menu Key** , touch **Share** in the Options menu. Choose the method for sharing and complete as necessary.

# Setting an Event Reminder

You can set one or more reminders for an event, whether or not you created the event or have permission to edit its other details.

## To set an event reminder

1. Touch an event to view its details.
2. If no reminder is set, touch  to automatically add a reminder for 10 minutes before the event.


If a reminder is already set, touch touch  to set more reminders for the event.

3. Touch the **Time** field to set the length of time before the event that you want to be reminded of it. Touch the **Notification** field in the REMINDER section to set how you want to be reminded (by Notification or by email).

When the time comes, you receive a notification about the event.

You can use Google Calendar on the web to configure additional reminder settings.

## To delete an event reminder

1. Touch an event to view its details.
2. Touch the **Remove reminder** icon  next to the reminder field.

# Calculator





Allows you to perform simple mathematical calculations.

## To open and use the Calculator

- From the Home screen, touch the **Apps Key**  > **Calculator** .






- Enter numbers and arithmetic operators on the Basic panel.
- Drag the Basic panel to the left to open the Advanced panel.

- ▶ Touch and hold the Calculator's display to open a Context menu where you can copy what you've entered and access other tools.
- ▶ Touch the **Delete Key**  to delete the last number or operator you entered. Touch and hold the **Delete Key**  to delete all of the entered information.
- ▶ Touch the **Menu Key**  to open an Options menu to clear your calculation(s) history or change panels between Advanced and Basic.
- ▶ Touch  to view your calculator history. You can touch an entry to calculate it again or edit it.

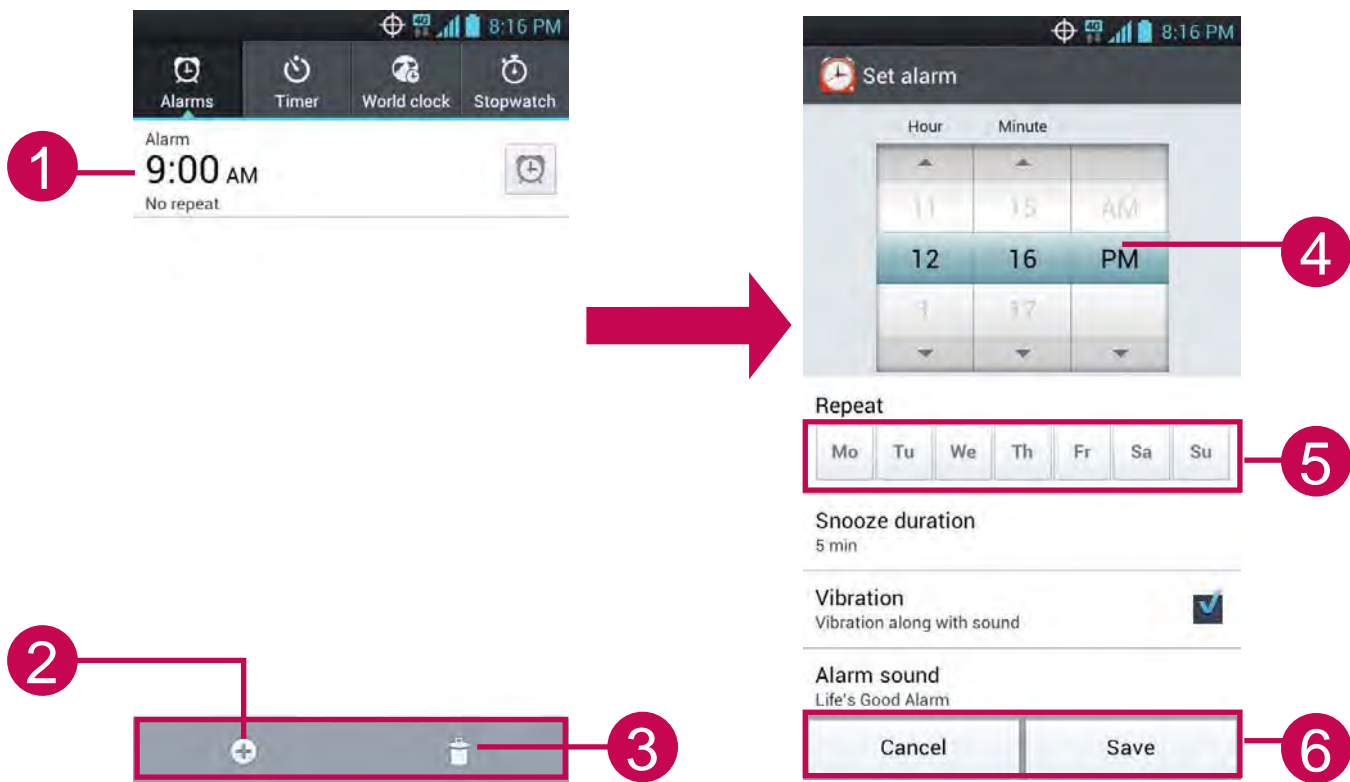
# Alarm/Clock

## To open the Clock application

- ▶ From the Home screen, touch the **Apps Key**  > **Alarm/Clock** .
- ▶ Touch the **Alarms** tab  at the top of the screen, if necessary.

## To set an alarm

1. Open the **Alarm/Clock** application and select from the following options.



The image shows two screenshots of the Alarm/Clock application interface. The left screenshot shows the 'Alarms' tab with an existing alarm set for 9:00 AM. A red circle with the number 1 points to the alarm time. A red circle with the number 2 points to a plus sign icon at the bottom left. A red circle with the number 3 points to a trash can icon at the bottom right. A large red arrow points from the left screenshot to the right screenshot. The right screenshot shows the 'Set alarm' screen. A red circle with the number 4 points to the 'PM' button. A red circle with the number 5 points to the 'Repeat' section, which includes buttons for Mo, Tu, We, Th, Fr, Sa, and Su. A red circle with the number 6 points to the 'Save' button at the bottom right.

- 1 **Existing Alarm** Touch here to modify this alarm's settings.



- 2 **New Alarm Icon** Touch here to create a new alarm.
- 3 **Delete Icon** Touch here to delete an alarm.
- 4 **Time Wheel** Scroll here to change the alarm time.
- 5 **Repeat Field** Touch here to set which days to activate the alarm.
- 6 **Set Alarm Screen**

2. Scroll the time wheel to set the alarm time.

- ▶ Enter the alarm time manually by scrolling the hour (or minutes) field.
- ▶ Scroll to **AM** or **PM** to set for morning or afternoon.

3. Touch the day(s) when you want the alarm to sound in the **Repeat** field. If you don't touch the Repeat setting, the alarm sounds only the one day you set it.

4. Touch **Snooze duration** to open a dialog box to set the amount of time to wait before sounding the alarm again if it is not dismissed. You can set the alarm to ring repeatedly from 5 minutes up to 1 hour.
5. Touch **Vibration** to checkmark the setting and have the phone vibrate, in addition to playing the ringtone.
6. Touch **Alarm sound** to select a ringtone from the alarm sounds or a music file. The ringtone plays briefly when you select it.
7. Slide the **Alarm volume** bar to adjust the volume.
8. Touch **Auto App Starter** if you want to set an application to run when the alarm is stopped.
9. Touch **Puzzle lock** to checkmark the setting, which requires you to wake up enough to solve a simple puzzle to dismiss the alarm.

10. Touch **Memo** to enter a name for the alarm.
11. When you're finished, touch the **Save** button.


## When the alarm sounds

- ▶ Touch the **Stop** button or, if set, use the gesture feature of simply flipping the device over to stop the alarm.
- ▶ Touch the **Snooze** button to stop the alarm for the snooze duration you set.

**NOTE** If Puzzle lock is set to On, using the gesture feature of flipping the device over will snooze the alarm instead of turning it off.



# Setting the Timer

The Timer application can be used to alert you with an audible signal when a set amount of time has passed.




1. Open the **Alarm/Clock** application and touch the Timer tab .
2. Set the time by scrolling the **Hour**, **Minute** and/or **Second** on the time wheel.
3. Touch **Vibration** to checkmark the setting and have the phone vibrate when the set time expires.
4. Touch **Alert sound** to select an alert tone for the timer from the alarm sounds or a music file.
5. Touch the **Start** button at the bottom of the screen. to begin the time countdown.
6. Once the alarm sounds, touch the **Stop** button to stop the timer.

## Setting the World Clock

This feature allows you to set up a list of cities to easily check current times in other time zones with a quick glance.

1. Open the **Alarm/Clock** application and touch the **World clock** tab .
2. Touch the **New City** icon  at the bottom of the screen then search through the available cities for the one you want.


## Managing the World Clock Cities

- ▶ Touch the **New City** icon  at the bottom of the screen to select another city for your list.
- ▶ Touch the **Delete** icon  at the bottom right corner of the screen to select one or more cities select a city to delete from your list.
- ▶ Touch the **Menu Key**  to delete all of the cities in your World Clock list.

- Touch and hold an entry in the list to open a Context menu to select **Set Daylight Savings Time** or **Delete**.

## Using the Stopwatch



This feature allows you to use your phone as a Stopwatch.

1. Open the **Alarm/Clock** application and touch the **Stopwatch** tab .
2. Touch the **Start** button at the bottom of the screen to start timing and touch the **Stop** button to stop the time. You can use the Lap function by touching the **Lap** button to record lap times.
3. Touch the **Reset** button to reset the Stopwatch or the **Resume** button to resume it.



# Polaris Office




With Polaris Office, you can view, create and edit document files on your device. The loaded files can be from microSD cards of your device, or from downloaded email attachments.

The Polaris Office application supports the following file formats: txt, doc, docx, xls, xlsx, ppt, pptx, pdf.



To access this application, from the Home Screen, touch the **Apps Key** , then touch **Polaris Office 4** .

## Create a New Document

- 1 From the Home screen, touch the **Apps Key**  > **Polaris Office 4** .
- 2 Register your name and email address on the User registration page.
- 3 Touch **List view**, **Grid view** or **Favorites** for folders and documents on your microSD card.

- 4 Touch  to start a new document.
- 5 Touch a document type.
- 6 Enter contents in the document using the tools at the bottom of the screen and the on-screen keyboard.
- 7 When you're done working on the document, touch  > **Save** (or **Save as** to enter a new document name) to save.
- 8 Enter the document name and tap **Save**.
- 9 Tap the **Back Key**  to exit.

## View and edit a document on your device

- 1 From the Home screen, tap the **Apps Key**  > **Polaris Office 4** .
- 2 Touch **List view**, **Grid view** or **Favorites** for folders and documents on your microSD card.
- 3 Move to the folder that contains the file that you want to open if it is not in the



root directory.

- 4 Touch the document that you want to view or edit.

**NOTE** You can also open an attachment in an email by tapping the attachment in the message.

- 5 The document opens for you to view. If you want to edit it, touch anywhere on the screen.

- ▶ To move between pages or pan through the document, scroll in the corresponding direction.
- ▶ To change the zoom level, simply pinch-to zoom to achieve the zoom level you want.
- ▶ Use the toolbar at the top of the screen to edit the document (Word, Excel, or PowerPoint file).



# Settings

The **Settings** application contains most of the tools for customizing and configuring your phone. All of the settings in the Settings menu are described in this section.

## To open Settings

► From the Home screen, touch the **Menu Key**  > **System settings**.

OR

► From the Home screen, touch the **Apps Key**  > **Settings** .

## Update your smart phone without a PC (FOTA)

This feature allows you to conveniently update your phone's software to a newer version via Firmware Over-the-Air (FOTA) without connecting a USB data cable.

1. From the Home screen, touch the **Menu Key**  > **System settings** > **About**

## phone > **Software update.**

### 2. Select the task.

#### **Device service**

- **Check now for update:** You can check the new software update and conduct the update (Wi-Fi mode is enabled for a download of more than 50MB).

#### **Update history**

- **Last update:** Displays the date of the last software update.
- **Next check for updates:** Displays the date when the next check for software update will occur.

**NOTE** - If no connection to the data network has previously been made since purchase, the timeline for the next update cannot be identified since the interval for the automated update will not be created.

- You will not be charged for data for software updates.
- Available software will be checked automatically.
- Make sure to check if the battery is

charged before update.

- After download, you can install the software immediately or select a later time for the installation.
- Each software version is update sequentially. Even after the update is complete, check if there is any newer version available.
- Some features and service may vary by area, phone, carrier, plan and software version.
- LG reserves the right to make firmware updates available only for selected models at its own discretion and does not guarantee the availability of the newer version of the firmware for all handset models.

## **Update your smart phone by connecting it to your PC**

This feature allows you to update the firmware on your phone to a newer version conveniently from the Internet without you needing to visit a service center.

1. Go to **www.lg.com > Support > Search** for the model.
2. Scroll down and click on the **SOFTWARE UPDATE** tab.
3. Install and execute the **USB DRIVER** and **LG MOBILE SUPPORT TOOL** by clicking the **Download** button.
4. Connect your phone to the PC using the USB Cable.
5. Click **Start Updating** within the LG Mobile Support Tool to begin.

**NOTE** • If your phone needs to update, the **Start Updating** button will be enabled.

- Please note that removing the USB data cable or battery during the update may seriously damage your mobile phone and make it inoperable.
- This feature is only available if or when LG makes a newer firmware version available for your device.

Please check to see if any problems you have encountered with your phone are described in this section, before taking the phone in for service or calling a service representative.

## **Bluetooth Devices**

**Q** What are the functions available via Bluetooth?

**A** Connecting to Stereo/Mono Headset, Car Kit, FTP server is possible. When it's connected to another phone via Bluetooth, you can receive Contacts data.

## **Bluetooth Headset**

**Q** If my Bluetooth headset is connected, can I listen to my music through my 3.5mm wired headphones?

**A** When a Bluetooth headset is connected, all system sounds are played over the headset. As a result, you will not be able to listen to music through your wired headphones.

# Contacts Backup

**Q** How can I back up Contacts?

**A** The Contacts data can be synchronized between your phone and Gmail™.

# Synchronization

**Q** Is it possible to set up one-way-sync with Gmail?

**A** Only two-way synchronization is available.

**Q** Is it possible to synchronize all the Email folders?

**A** The Inbox is automatically synchronized. You can view other folders by touching the **Menu Key**  and selecting **Folders**.

**Q** Is it possible to transfer Contacts data from a feature phone to an Android™ phone?

**A** Yes, if your contacts can be extracted into a .CSV file.

## How to transfer:

1. Create “.CSV” file with the contacts on your current phone (you may be able to use the PC suite software provided by LGE).
2. Log into Gmail with your PC.
3. Click **Contacts**.
4. Click **Import**.
5. Attach the “.CSV” file.
6. Your contacts will then be synchronized between your Android™ phone and Gmail.



## **Gmail Log-In**

**Q** Should I have to log into Gmail whenever I want to access Gmail?

**A** Once you log into Gmail, you don't need to log in Gmail again.

## **Google Account**

**Q** Is it possible to filter emails?

**A** No, email filtering is not supported via the phone.

# **YouTube™**

**Q** Is it possible to play YouTube videos?

**A** Yes, YouTube videos are supported but may have to be viewed through the YouTube application (and not the Browser).

## **Email**

**Q** What happens when I execute another application while writing an email?

**A** Your email will automatically be saved as a draft.

## **Email**

**Q** What happens when I execute another application while writing an email?

**A** Your email will automatically be saved as a draft.

## **Ringtone**

**Q** Is there a file size limitation for when I want to use a .MP3 file as a ringtone?

**A** There is no file size limitation.

## Message Time

**Q** My phone does not display the time of receipt for messages older than 24 hours. How can I change this?

**A** Open the message thread, then touch and hold the desired message and select **View message details**.

## microSD Card

**Q** What is the maximum supported size for a memory card?

**A** 32GB memory cards are compatible.

## Navigation

**Q** Is it possible to install another navigation application on my phone?

**A** Any application that is available on Play Store<sup>™</sup> and is compatible with the hardware can be installed and used.

## Synchronization

**Q** Is it possible to synchronize my contacts from all my email accounts?



**A** Only Gmail and MS Exchange server (Company Email Server) contacts can be synchronized.

## Wait and Pause

**Q** Is it possible to save a contact with Wait and Pause in the numbers?

**A** If you transferred a contact with the Wait and Pause functions saved into the number, you will not be able to use those features. You will need to re-save each number.

### How to re-save numbers with Wait and Pause:

1. From the Home screen, touch the **Phone Key** .
2. Dial the number, then touch the **Menu Key** .
3. Touch **Add 2-sec** pause or **Add wait**.

# Security

**Q** What are the phone's security functions?

**A** You are able to set the phone to require the entry of an unlock sequence (face unlock, pattern, PIN, or password) before the phone can be accessed or used.


## Unlock Pattern

**Q** What should I do if I forget my Unlock Pattern?

**A** After attempting the Unlock Pattern 5 times, you can touch the **Forget Pattern?** option and use your Google Account information or Backup PIN to unlock your phone.

**Q** How do I create the Unlock Pattern?

**A**

1. From the Home screen, touch the **Menu Key** .


2. Touch **Lock screen settings > Select screen lock.**
3. Touch **Pattern.** The first time you do this, a short tutorial about creating an unlock pattern appears.
4. Set up by drawing your pattern once > **Continue**, draw again > **Confirm.**

## **Speed Dial**

**Q** Is Speed Dialing supported?

**A** Yes. You can set Speed Dials as well as save a contact directly on your Home screen.

### **To set a Speed Dial:**

1. Open the **Contacts** application.
2. Touch the **Menu Key**  > **Speed dial.**
3. Touch the speed dial location and select the desired contact.

## To set a Direct Dial shortcut to your Home screen:

1. Touch and hold an empty area on your Home screen.
2. Touch **Widgets > Direct dial**.
3. Select a contact from your Contacts List.

## Memory

**Q** Will I know when my memory is full?


**A** Yes, you will receive a notification.

## Language Support

**Q** Is it possible to change the language?

**A** The phone has multi-lingual capabilities.

### To change the language:

1. From the Home screen, touch the **Menu Key**  **> System settings**.
2. Touch **Language & input > Language**.
3. Touch the desired language.

## Language Support

**Q** Which languages are supported when using Play Store?

**A** The **Play Store** application supports English and Spanish. Third party applications may not support all languages.

## VPN

**Q** How do I set up a VPN?

**A** VPN access configuration is different according to each company. To configure VPN access from your phone, you must obtain the details from your company's network administrator.

## Screen time out

**Q** My screen turns off after only 30 seconds. How can I change the amount of time for the backlight to turn off?

**A**

1. From the Home screen, touch the **Menu Key** .



2. Touch **System settings > Display > Screen timeout.**
3. Touch the preferred screen backlight timeout time.

## **Wi-Fi & 4G**

**Q** When Wi-Fi and 4G are both available, which service will my phone use?

**A** When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connectivity on your phone is set to On). However, there will be no notification when your phone switches from one to the other.

To know which data connection is being used, use the 4G or Wi-Fi icon at the top of your screen.

## Home screen


**Q** Is it possible to remove an application from the Home screen?

**A** Yes. Just touch and hold the icon until the **Remove** bar appears at the top of the screen. Then, without lifting your finger, drag the icon to the **Remove** bar.

## Application

**Q** I downloaded an application and it causes a lot of errors. How do I remove it?

**A**

1. From the Home screen, touch the **Menu Key** .
2. Touch **System settings > Apps**.
3. Touch the application > **Uninstall > OK**.

## Ringtones

**Q** Can I use music files for my ringtones?

**A** Yes. After saving a music file, you can use it for your ringtone.

1. Touch and hold a song in a library list. In the menu that opens, touch **Set as ringtone**.

## Alarm

**Q** Will my alarm be audible or will it go off if the phone is turned off?

**A** No, this is not supported.

**Q** If my Ringer Volume is set to **Off** or **Vibrate**, will I hear my alarm?

**A** Your alarm is programmed to be audible even in these scenarios.

## **Battery Time**

**Q** What is the maximum amount of time my phone's battery will last before I need to recharge it?

**A** Talk time : Approx. 455 mins

Standby : Approx. 20 days

## **Band**







**Q** Which wireless bands are supported by the phone?

**A** Your phone is able to operate on the 800MHz, 1900MHz, and AWS bands.

# Factory Reset

**Q** How can I perform a factory reset if I can't access the phone's setting menu?

**A** How to perform a factory reset:

1. Turn the power off.
2. Press and hold the following keys at the same time: **Power/Lock Key**  + **Volume Down Key** .
3. Release the keys when the FACTORY HARD RESET screen is displayed.
4. Press the **Power/Lock Key**  to continue or the **Volume Keys**  to cancel.
5. Press the **Power/Lock Key**  once more to confirm or the **Volume Keys**  to cancel.

**Attention:**

If a factory reset is performed, all installed applications and user data will be erased. Please remember to back up any important data before

performing a factory reset.


## Battery installing

**Q** Phone locked up and does not function

**A** Remove the battery and install it to restart your phone again. (similar to how you may restart your PC/ computer).

## Power Reset

**Q** Phone locked up and does not function

**A** In the case of a malfunction or lock up error, press and hold the **Power/Lock Key**  for 8 seconds to reset the phone.