



User Guide

INTUITION™ by  LG

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User Guide

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Guía del
Usuario

INTUITION™ by  LG

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Before you read

Before getting started, please review the separate Product Safety and Warranty Information guide for important product safety and warranty information about your device.

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FCC RF Exposure Information

WARNING! Read this information before operating the phone.

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

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.39 inches (1.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1.0 cm) must be maintained between the user's body and the back of the phone, including the antenna. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 0.39 inches (1.0 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

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

FCC Notice and Cautions

This device and its accessories comply with part 15 of FCC rules.

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

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

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

Part 15.19 statement

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions:

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

Part 15.21 statement

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

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If you experience interference with reception

(e.g., television), determine if this equipment is causing the harmful interference by turning the equipment off and then back on to see if the interference is affected. If necessary, try correcting the interference by one or more of the following measures:

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

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

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

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

* Information subject to change.

Cautions

- ▶ The user interface of Google applications (Google Search, Google Maps, Navigation, etc.) can vary depending on its software version.
- ▶ Locations are inaccurate when GPS and Wi-Fi are not set.
- ▶ With the Android operating system, some available Play Store applications only operate correctly with phones that have a specific screen resolution.

Please be advised that some of the applications on the Play Store may not be available for your phone due to LCD resolution requirement that does not match your phone. In addition, please be aware that 3rd party applications with programming defects may cause issues with your phone, including lock ups and resets.

- ▶ All the contents, including content the user created or downloaded, will be deleted after performing the factory reset.

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. **Proximity Sensor** Senses proximity toward other objects (such as your head) so that tap commands are not accidentally activated during a call.
NOTES • Do not block the sensor to avoid problems with the tap operations.
• The use of a film cover produced by manufacturers other than LG may cause a disturbance in tap operations, the display, etc.
2. **Front Camera Lens** Use to take pictures and record videos of yourself. You can also use this for video chatting. Keep it clean for optimal performance.
3. **Back Key** Returns to the previous screen. Also closes pop-up display items, such as menus, dialog boxes, and the on-screen keyboard.
4. **Home Key** Returns to the Home screen. If you're already viewing one of the Home screen extension canvases, it navigates you to the central Home screen canvas.

5. **Microphone** Transmits your voice to the other caller and is used for voice-activated functions.
6. **Recent Apps Key** Opens the list of recently used applications. Touch and hold an application on the list to open a context menu. To remove an application from the list, touch and swipe it to the left or right.
7. **Menu Key** Opens an Options menu with selections that affect the current screen or application, when available.
8. **Home Screen** Displays all of the information needed to operate your phone, such as applications, call status, date, time, signal status, and battery strength.
9. **Earpiece** Lets you hear callers and automated prompts.
10. **Rubberdium™ Pen** enables you to draw or write text on a captured screen.

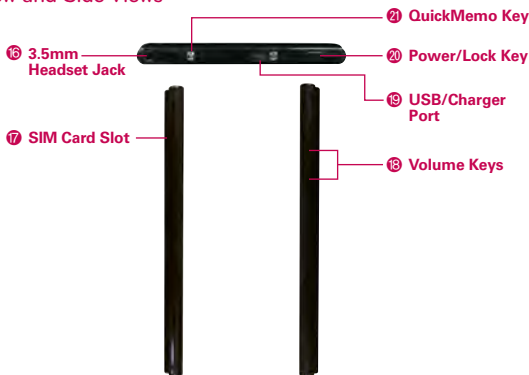
Rear View



11. **Rear Camera Lens** Use to take pictures and record videos. Keep it clean for optimal performance.
12. **LED Flash** Brightens up the captured image or recorded video when you turn on the flash.
13. **NFC Touchpoint** Tap the back of your phone to an NFC tag or another NFC compatible device in this location.

- 14. **Speaker** Sound comes from the rear speaker instead of the earpiece (e.g., the speakerphone function, music player function, etc.).
- 15. **Back Cover** The non-removable back cover encloses the battery compartment.



Top View and Side Views



- 16. **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.
- 17. **SIM Card Slot** Open the SIM card slot cover and insert the SIM card into the slot to connect to a network.
- 18. **Volume Keys** Allow you to adjust the ringer, the media volumes, or the in-call volume during a call.
- 19. **USB/Charger Port** Allows you to connect the phone charger, USB Cable, or other compatible accessories.
- 20. **Power/Lock Key** Press and hold to power the phone on or off. If your screen turns off, press this key to turn it back on. If your device freezes, press and hold this key for 10 seconds to reboot the device.
- 21. **QuickMemo Key** Allows you to access the QuickMemo application and draw notes using the current screen.

Guided Tours

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

To access Guided Tours, from the Home screen, tap **Apps**  > **Guided Tours** .

Insert the SIM card

With the phone face down, locate the SIM Card Slot and open the cover. Position the SIM Card with the Verizon logo facing up and slide it into place until it clicks.



Remove the SIM card

Locate the SIM Card Slot and open the cover. Gently press the SIM Card inwards to release it, and remove from the slot. Close the cover by inserting the notch into the phone and pressing down.



Charging the Phone

Your phone comes with a Wall Charger and a USB Cable which connect together to charge your phone. To charge your phone:

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

1. Connect the USB Cable with the Wall Charger. As shown below, the LG logo on the USB Cable should face toward you.



2. The USB/Charger Port, located at the top of the device, has a slide cover to protect it. Slide the cover open, then correctly orient the cable with the port and plug it into the port.



3. Plug it into an electrical outlet to begin charging.


Charging with the USB Cable and your computer

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

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

Non-Removable Battery

Your device is equipped with an internal rechargeable battery which should be replaced only by LG or an authorized LG repair center. You should never attempt to open or disassemble this device yourself and doing so may cause damage that voids your warranty.

NOTE If your device freezes, press and hold the **Power/Lock Key**  for 10 seconds to reboot the device.

Optimizing Battery Life

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

Tips to extend the life of your battery

- ▶ Turn off radio communications that you aren't using. If you aren't using Wi-Fi, Bluetooth, or GPS, use the Settings menu to turn them off (Note that the GPS receiver is only turned on when you're using an application that makes use of it).
- ▶ Turn down screen brightness and set a shorter screen timeout.
- ▶ Turn off automatic syncing for Gmail, Calendar, Contacts, and other applications if you don't need it.
- ▶ Use the Power saver mode switch in the Settings menu.
- ▶ Use the Power Control widget to control data activity, Bluetooth connection, GPS connection, syncing activity, and screen brightness.
- ▶ Use the Quick settings in the Notifications Panel to control sound, Bluetooth power, NFC power, GPS connection, and airplane mode.



To check the battery charge level

- ▶ From the Home screen, tap **Apps**  > **Settings**  > **About phone** > **Battery**.



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, tap **Apps**  > **Settings**  > **About phone** > **Battery** > **Battery use**. This screen displays battery usage times. It lists all of the applications or services using battery power from the greatest amount of energy used to the least amount.
- ▶ Tap an application or service in the Battery use screen to see the details about its power consumption, including either how long since last connected to a power source or how long you were last running on battery power. Different applications or services offer different kinds of information, and they may even include options to modify the settings so you can reduce power consumption by that application.

Power saver mode

If the battery charge level drops to low levels, the phone automatically activates Power saver mode to conserve battery power until you can recharge it. From the Home screen, tap **Apps**  > **Settings**  > **Power saver** > **Turn Power saver on**. You can set the phone to activate Power saver mode immediately, when the charge drops to 10%, 20%, 30%, or 50%. If you turn off Power saver mode, when the battery charge becomes low, a notification prompts you to turn it on.

Power Control Widget

The Power Control widget makes it quick and easy to control battery usage and conserve battery power when the battery charge is low.

To access the Power Control widget:


1. Tap and hold an empty space on a Home Screen canvas.
2. Tap the **Widgets** tab at the bottom of the screen to display the widget choices.
3. Swipe left or right through the widget choices, then tap **Power Control**.
4. Tap the screen to exit the Widget menu.

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. Tap **Power off** in the dialog box that appears.
3. Tap **OK** to confirm that you want to turn off the phone.


Restarting the phone

1. Press and hold the **Power/Lock Key**  until the Phone options menu appears.
2. Tap **Power off and restart** in the dialog box that appears.
3. Tap **OK** to confirm that you want to restart the phone.

NOTE If your device freezes, press and hold the **Power/Lock Key**  for 10 seconds to reboot the device.

To unlock the phone

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

1. Press the **Power/Lock Key** . The default Lock screen will appear.
2. Swipe the screen in any direction to unlock the default Lock screen. To use a shortcut, swipe the icon in any direction. The screen will unlock and launch the application.



- NOTE**
- The default Lock screen simply locks the screen to prevent unintentional actions. For more security to guard against unauthorized use, you can an unlock requirement (such as a pattern, PIN, password, or face recognition) that will need to be entered to unlock it.
 - Different clock themes and shortcuts can be applied to the lock screen.

About Lock Screen Improvement

Notification Viewing from Lock Screen

From the lock screen simply slide the Status Bar down to see the latest notifications, all in one step. See "To open the Notifications panel" on page 34 for the reference.

Customizable Lock Screen

Customize by selecting a clock theme or any app on the phone and adding a hot key for direct access from the lock screen. See "Customizing clocks & shortcuts on the lock screen" on page 40 for the reference.

Face Unlock



Using the front-facing camera, you can use your face to unlock your phone thanks to the facial recognition technology supported by your phone's operating system. Please note that this feature is only available after you set up your Google account on your device. See "Face Unlock" on page 38 for the reference.

Selectively Clear Notifications by Swiping

After receiving several download, app upgrade, notification texts, and emails, the Status Bar can get really full. There are times when users want to keep some of the notifications in the bar while dismissing others, just like a “to do” list. Now, with a swipe left or right, users can clear the notification they want to remove from the list. See “To clear all notifications” on page 34 for the reference.

To turn the phone sounds off




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

1. Press and hold the **Power/Lock Key**  until the Phone options menu appears.
2. Tap the **Silent mode** icon .

NOTE Only one mode can be selected at a time. The currently activated mode (Silent, Vibration, or Sounds) is underlined in blue. Tap any of the sounds mode icons to switch to that mode.

OR

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

NOTE You can also use these keys to quickly turn the phone sounds back on. Press and hold the **Power/Lock Key** , then tap either the **Vibrate** mode icon  or the **Sounds** mode icon . While in Silent mode, press the up **Volume Key** once to activate Vibration mode and twice to turn on phone sounds (continue pressing to increase volume).

Setting Up Your Device

Follow the onscreen instructions to quickly set up your phone and email accounts.

To set up your device, follow the steps below:

1. Select your language and tap the **Next** icon.
2. If you've already inserted the SIM card, the device will automatically be activated. Tap **Start the Setup Wizard** to continue.
3. On the Welcome screen, tap the **Next** icon to set up your device.
4. Tap the **Start** icon to set up the Backup Assistant Plus application. Or, tap the **Skip** icon to set it up later.

5. Choose the type of email account you want to set up and configure it.
6. On the Backup Assistant Plus screen, tap the **Next** icon to choose what content to backup or **Skip** to continue to set it up later.
7. Read the Privacy caution and tap the **Next** icon. Then set your Location settings (**VZW Location Services/ Standalone GPS Services/ Google Location Services**) and tap the **Next** icon.
8. The Verizon setup is complete. Touch **Next** to continue.

NOTE After successfully setting up your device, you can choose to view options that teach you about your new phone. These options include a quick reference guide, the user guide, a watch and learn video tutorial, and an icon glossary. View these options later by tapping **Guided Tours** on the Applications screen.

9. Tap the **Sign in** icon to sign into your existing Google Account or the **Get an account** icon to create one. Tap the **Not now** icon to set it up later. With a Google Account, Google applications are automatically synced between your phone and computer regardless of where you make an update.
10. Setup is complete. Tap **Done with setup** to use your phone.

Setting up your Google Account

1. At the Setup screen, tap the **Existing** icon or the **New** icon.
2. Enter your username and password or any other necessary information (if creating an account), then tap the **Sign in** icon.

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

3. Choose to join Google+ which makes sharing on the web more like real-life sharing. You can choose Circles, Instant Upload, and Messenger. Tap the **Join Google+** icon or the **Not Now** icon.
4. Complete the Backup and restore screen to allow your Google Account to back up your apps, settings, and other data, then tap the **Next** icon.
5. Now your Gmail, Google Contacts, and Google Calendar events will all be loaded to your phone automatically.

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

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

Username: _____@gmail.com

Password: _____

Your Google Account

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


IMPORTANT

- If you don't have a Google Account, you're prompted to create one.
- If you have an enterprise account through your company or other organization, your IT department may have special instructions on how to sign into that account.
- When you sign in, you're prompted to enter your username and password using the on-screen keyboard.
- 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.

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.



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

The following icons indicate the status of your phone.









Call icons

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

Calendar and Alarm icons

	Alarm set		Calendar event notification
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Email and Messaging icons

	Other Email event received		Sending other Email failed
	New message received		Sending message failed
	New Voicemail received		New Visual Voicemail received
	Google Talk message received		Playing Visual Voicemail in the background









Sound icons

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














Network icons

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

Connectivity icons

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

System icons

	More notifications		System is secured
	System alert		Memory processing error
	No SIM card		Unknown SIM card
	Google sync in progress		Google sync error
	Battery is full		Battery is full
	Battery is charging		Battery status unknown (error)
	Keyboard layout change		

Indicator icons

	SmartShare is on		SmartShare music is playing
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Getting to Know the Home Screen

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

Status Bar

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

Application Icon

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

Quick Keys

Provide easy, one-tap access to the phone functions used most often.




Add Icon


Tap this icon to display the Home screen canvases at the top of the screen and the Applications screen at the bottom.


Quick Keys


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


: Opens the **Phone** application which displays a dialpad so you can dial an unsaved number. You can also make calls using your Call logs, Contacts, and Favorites by tapping the tabs across the top of the screen.


TIP The Favorites tab provides easy access to a list of your frequently called contacts.

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

: Opens the **Contacts** application and displays your Contact list. You can also access your Groups and your Favorites list by tapping the tabs across the top of the screen.

: Opens the **Camera** application which allows you to take pictures and record videos using your phone.

: Opens the **Notebook** application. You can create, view, and manage your notebook files.

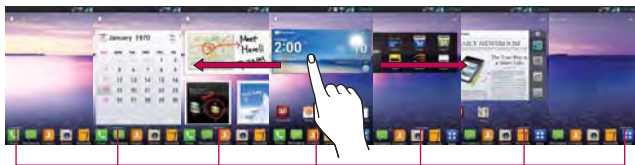
: Opens the **Applications screen** which displays phone options and applications. You can also access your list of downloaded files and a list of available widgets by tapping the tabs across the top of the screen.

To return to the Home screen

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

To view other Home screen canvases

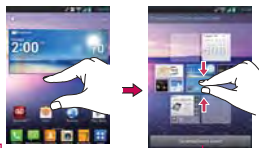
- ▶ Swipe (or flick) your finger left or right across the Home screen. The Home screen spans up to seven screen widths, allowing more space for icons, widgets, shortcuts, and other items.



Home Screen Canvas Indicator


The white line above the Quick Keys bar indicates which Home screen canvas you are viewing.

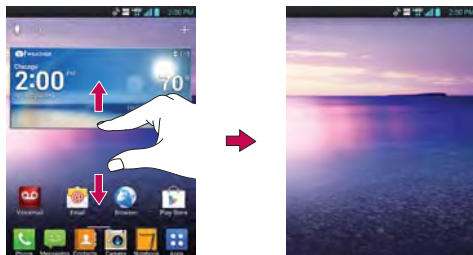
Tip Pinch in on the Home screen to display the mini canvas view, then tap the Home screen canvas you want to view.



Tap here to set the default Home.

Clean View




Wallpapers can now be seen without intrusion, simply by using the “expand” technique that will temporarily hide the icons on the Home screen. This is a great upgrade because you can now really show off the picture of your loved ones or the awesome concert you saved as wallpaper. To clear clean view, tap the **Back Key**  or pinch in on the screen.



Mini Canvas View

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

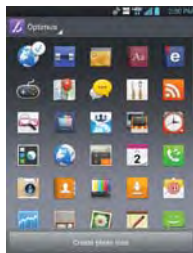
Pinch in on any of the Home screen canvases to change from full screen view to mini canvas view. From mini canvas view you have the following options:

- ▶ To go directly to any Home screen canvas, simply tap the one you want.
- ▶ To add a new Home screen canvas, tap .
- ▶ To delete a Home screen canvas, tap and hold the canvas to delete, then drag it to  at the top of the screen. When the Remove icon changes to , lift your finger.
- ▶ To rearrange your canvases, tap and hold the canvas to move, drag it on top of the canvas position where you want it, then lift your finger. The moved canvas takes that position and the remaining canvases shift accordingly.

- ▶ To set another canvas as the default Home screen, tap the **Set default home screen** at the bottom of the screen, then tap the screen you want to set as the default Home screen canvas.


Your Home screen

Customizing the application icon from the Home screen



NOTE This feature allows you to make and use an icon with the pictures in your Gallery.

You can edit the icons on Quick Launch Bar, Home screen or Applications screen by creating your own icons with the camera or Gallery images. This gives you the ability to replace the generic icons and have images of loved ones—or with any other image you capture. With customization, it's easy to access what is most important, like a special contact or a frequently used app.

1. Tap and hold an icon until the canvas grid is displayed, then release the icon. An editing icon  appears at the upper right corner of the application icon.
2. Tap the icon and select the desired icon design.
3. Tap the **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 pictures.

NOTE If you want to revert back to the default image, follow steps 1 - 2 above and select the default icon again.

Touchscreen

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

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

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

Tap and hold Tap and hold an item on the screen by tapping it and not lifting your finger until an action occurs. For example, to open a Context menu for editing a contact, tap and hold a contact entry until the Context menu appears.

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

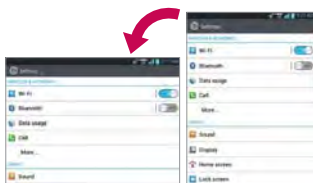
Swipe, slide, or flick Move your finger quickly across the surface of the screen, without pausing when you first tap it (so you don't drag an item instead). For example, you can slide the screen up or down to scroll a list or browse through the different Home screens by swiping from left to right (and vice versa), or remove an application from the Recent apps screen by flicking its graphic off the screen.

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

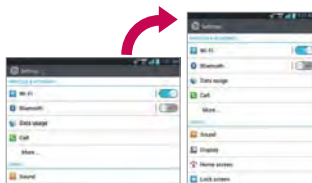
Pinch-to-Zoom Use your index finger and thumb in a pinch or spread motion to zoom in or out when using the Browser, a map, or pictures. This motion also changes the Home screen to mini canvas view.

NOTE **Aspect ratio correction** The resolution size of the downloaded application is optimized to the phone's screen.

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



Rotate the phone sideways for landscape orientation.



Rotate the phone upright for portrait orientation.

Text Input Methods

On-screen Keyboard

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










Tap here to display the on-screen keyboard to enter contacts.

Tap here to display the on-screen keyboard to enter text.



Toggles between different languages.


Toggles between 123/ SYM mode and ABC mode. Tap and hold to access the LG Keyboard settings.






Typing tips	
Enter other characters	From the numbers/symbols keyboard, tap   to access additional symbols until you see the one you want. Tap the Letters Key  to exit from the symbols keyboard.
Enter one capital letter	Tap the Shift Key  .
Enter all capital letters	Double-tap the Shift Key  . Tap again to revert to lowercase.
Highlight text	Tap and hold a word to highlight it. To highlight a range of text, double-tap the word, then drag the blue highlight markers to highlight the text you want.
Cut or copy selected text	Tap Cut or Copy in the action box above the highlighted text.
Paste cut or copied text	Tap and hold the location to paste the text, then tap Paste in the Context menu.
Delete a character	Tap the Delete Key  .
Language toggle	<p>Tap and hold the Language Key  to open a dialog box of alternate languages. Then while typing, simply tap the Language Key  to select the language you want to use. The keys may not change, but the words in the selection box include matching words in the selected language.</p> <p>NOTE The Language Key  appears on the keyboard only after you have selected more than one language to use.</p>

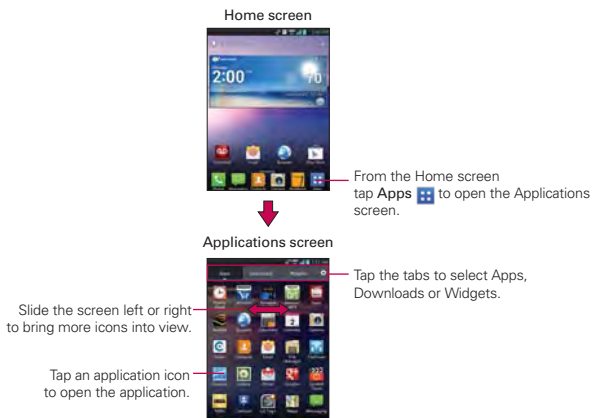
Text input settings


To change your text entry settings and see the dictionary of terms you've used, from the Home screen, tap **Apps**  > **Settings**  > **Language & input**.

- ▶ To change the default language, tap **Language**, then tap the language you want to use.
- ▶ To add additional languages to your keyboard, open the Notifications Panel, touch **Select input method** > **Configure input methods** > **Settings**  to the right of LG Keyboard > **Select input languages**, then checkmark the language(s) you want to be able to use.

- **One hand keyboard** allows you to use the keyboard with one hand. Set keyboard for use with one hand from the Home screen, tap **Apps**  > **Settings**  > **Language & input** > **Settings**  beside LG Keyboard in KEYBOARD & INPUT METHODS, then checkmark **One hand keyboard**.



Applications: How to View, Open and Switch



- NOTE**
- You can tap the **Menu Key**  then **Show small icons** to get a better viewing experience if you prefer a denser view of apps.
 - Folders can be created in the Apps menu, as well as on the home screen for organizational purposes. Create folders after tapping the edit icon at the top right of the screen, then drag and drop one application icon over another to create a folder.

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 tap the **Home Key** , then tap **Apps** .

Closing the Applications screen

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



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

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. To download applications, tap **Play Store**  on the Home screen.



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. Applications are listed in alphabetical order.

1. From the Home screen, tap **Apps** .
2. Tap the **Apps** tab (if necessary), then tap **Settings**  at the top right of the tab bar. The Settings icon changes to a checkmark.
3. Tap 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, it creates a folder with both of the applications in it.

Reverting to alphabetical order

To revert all of your application icons on the Applications screen back to alphabetical order (with no folders), from the Home screen, tap **Apps**  > **Apps** tab > **Menu Key**  > **Order alphabetically** > **OK**.

Checking application information

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

1. From the Home screen, tap **Apps** .
2. Tap the **Apps** tab, then tap **Settings**  at the top right of the tab bar. The Settings icon changes to a checkmark.

3. Tap any of the application icons to display an information dialog box.
4. Tap the **OK** icon 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 tapping its icon on the screen.



Opening multiple applications

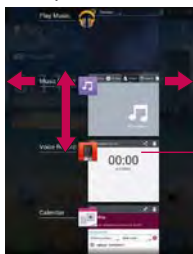
1. Tap an application icon to open it.
2. Tap the **Home Key** .

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

3. From the Home screen, tap **Apps** .
4. Tap the icon for the other application you want to open.

Switching between multiple applications

1. Tap the **Recent Apps Key** . A screen with the icons of the applications that you've used recently will appear.
2. Tap the application preview of the application you want to use or tap 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 apps list.

Tap an app preview to open an application you've used recently (tapping 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. Tap 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.

NOTE To add a hot key for direct access on the Quick Keys bar, place the application icon to Quick Keys area in the same way.


Moving applications to other Home screens

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

- ▶ **Drag** Tap 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** Tap 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** checkbox needs to be checked. From the Home screen, tap the **Menu Key**  > **Settings** > **Gesture** > **Move home screen items**.

Setting the Theme

Four different themes are provided, each with a stylized Home screen wallpaper and unique application icons per theme. To change your theme, from the Home screen, tap the **Menu Key**  > **Theme**. The current theme is indicated by a checkmark in the top corner. Tap the theme you want, then tap the **Apply** icon at the bottom of the screen.



Optimus



Biz



Light





Sketch

Working With Menus

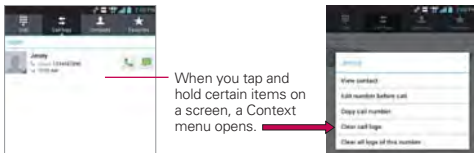
There are two kinds of Android menus: Options menus and Context menus.

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, tap the **Menu Key** . Not all applications have Options menus; if you tap 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, tap and hold an item on the screen. Not all items have Context menus. If you tap and hold an item that has no Context menu, nothing will happen.



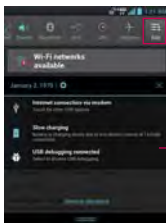
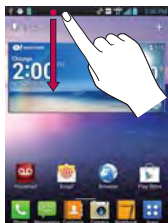
Managing Notifications

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

To open the Notifications panel

- ▶ Tap and drag the Status Bar to the bottom of the screen.

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




Tap to edit Quick Settings icons displayed on the Notifications panel. You can add up to nine icons.

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

To clear all notifications

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

NOTE You can also swipe a notification to the left or right to delete that specific notification.


To close the Notifications panel

Tap and drag the tab at the bottom of the Notifications panel to the top of the screen or just tap the **Back Key** .





















The panel will also close when you tap a notification.

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

Quick settings on the Notifications panel

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

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

- ▶ QuickMemo activates the ability to write on the current Home screen canvas.
- ▶ Sound , Vibrate , and Silent .
- ▶ Bluetooth On  and Bluetooth Off .
- ▶ NFC On  and NFC Off .
- ▶ GPS On  and GPS Off .
- ▶ Airplane mode On  and Airplane mode Off .
- ▶ Sync On  and Sync Off .
- ▶ Rotation On  and Rotation Off .
- ▶ 100% brightness , 50% brightness  and no brightness .
- ▶ Data On  and Data Off .

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

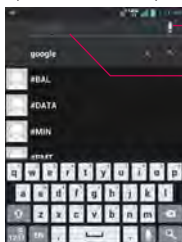
Searching Your Phone and the Web

You can search for information on your phone and on the web using the **Search** application. Some applications, such as **Gmail**, **Contacts**, and **Browser** have the ability to search contents within those specific applications.

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

Phone and Web search using text entry

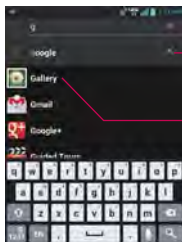
1. Tap the Search Widget on the Home screen. The Quick Search Box will open automatically.



Voice Search
Tap to search by voice.

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


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



The **Voice search** icon changes to the **Go** icon as soon as you begin entering text.


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

You can use the Search preferences to configure some aspects of web search (for example, whether it makes suggestions below the Quick

Search Box as you type), and what phone features you want to include in searches. To access these settings tap the **Menu Key**  > **Settings**.

3. Tap the **Search key**  from the keyboard.

Using the Voice Search

1. Tap the **Search Widget** on the Home screen. The Quick Search Box will open automatically.
2. Tap **Voice Search**  in the Quick Search Box to search by voice.




3. Speak the voice search command. Depending on your command, different applications will open.

Locking the Screen

Your phone automatically uses a default Lock Screen to prevent unintentional function activation. You can choose to secure your phone so that only you can unlock it to make calls, access your data, buy applications, and so on. For added security to guard against unauthorized use, you can set a **Face Unlock**, **Pattern**, **PIN** or **Password** that will need to be entered to unlock.

Setting an Unlock Pattern, PIN, or Password

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

1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen**.
2. Tap **Select screen lock**.

NOTE You can also select the **Wallpaper** or **Clocks & shortcuts** for the lock screen.

3. Tap **None**, **Swipe**, **Face Unlock**, **Pattern**, **PIN** or **Password**.

None: If you don't want to set lock screen, select **None** so you don't need to enter anything.

Swipe: Select **Swipe** if you want to swipe to unlock screen.

Face Unlock: Unlocks the screen through facial recognition. Read the information on the screen and tap **Set it up** > **Continue**. To set up Face Unlock, line up your face in the outline on the screen. Your face will automatically be captured. Tap **Continue**. Then choose **Pattern** or **PIN** to set another form of security when Face Unlock can't see you.

NOTE Please keep in mind that Face Unlock is less secure than a pattern, PIN, or password, someone who looks similar to you could unlock your phone, and the data used to identify your face is kept private on the phone. Also note that this feature is only available after you set up your Google account on your device.

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



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

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



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

Disabling the lock sequence



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

1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen**.
2. Tap **Select screen lock**.
3. Confirm your unlock information.
4. Tap **None**.

Changing Your Unlock Pattern

1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen**.
2. Tap **Select screen lock**.
3. Draw your current unlock pattern.
4. Tap **Pattern** to change it.
5. You're prompted to draw and redraw your new pattern.

Changing your Lock Screen PIN or Password






1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen**.
2. Tap **Select screen lock**.
3. Enter your current lock sequence.
4. Tap **PIN** to change your number lock sequence or tap **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 the sequence and tap **OK** to unlock the screen.



- NOTES**
- You have 5 opportunities to enter your unlock pattern, PIN or password. If you used all of opportunities, you can try again after 30 seconds.
 - If you have set up a Microsoft Exchange account, you are only allowed to set up a password.
 - When you can't recall your unlock pattern:
 - If you've created a Google Account on the phone, tap **Forgot pattern?**. Then you are required to sign in with your Google Account to unlock your phone.
 - If you forgot the unlock pattern, you can unlock with **Backup Pin**.

Hard Reset (Factory Reset)

If you forget your unlock sequence and the Backup PIN, please follow the instructions below to perform a factory reset. Please note that all of your data will be deleted.

1. Turn the device off.
2. Press and hold the following keys at the same time for 5 seconds:
Volume Down Key   + **Power/Lock Key** .
3. Read the **FACTORY HARD RESET** screen message. Press the **Power/Lock Key**  to confirm or any other key to cancel.
4. You will be prompted to confirm again. Press the **Power/Lock Key**  one more time to confirm and perform the factory reset. Or press any other key to cancel.

Customizing the lock screen wallpaper




1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen** > **Wallpaper**.
2. Tap either **Gallery** or **Wallpapers** to select where you want to choose the wallpaper from.
3. Choose the wallpaper to display on the lock screen.

Customizing clocks & shortcuts on the lock screen

1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen** > **Clocks & shortcuts**.



2. Swipe (or flick) your finger left or right to select the clock you want to display on the lock screen.
3. Tap the shortcut icon you want to change and choose the icon you want to display on the lock screen. Then, the previous icon changes to the icon you selected for a shortcut.
4. Tap **Save**.

Owner info


1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen**.
2. Checkmark **Owner info** to show owner info on the lock screen.
3. Tap .
4. Enter the text you want to display on the lock screen.
5. Tap **Save**.




Security lock timer

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

1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen**.
2. Tap **Security lock timer**.
3. Choose the delay time after the screen timeout from any of the available options.

Power button instantly locks

If a security lock is enabled, the **Power button instantly locks** option allows pressing the **Power/Lock Key**  to instantly lock the screen.

1. From the Home screen, tap **Apps**  > **Settings**  > **Lock screen**.
2. Tap **Power button instantly locks** to checkmark and enable the device to instantly lock the screen by pressing the **Power/Lock Key**  or remove the checkmark to disable it.

Customizing the Home Screen

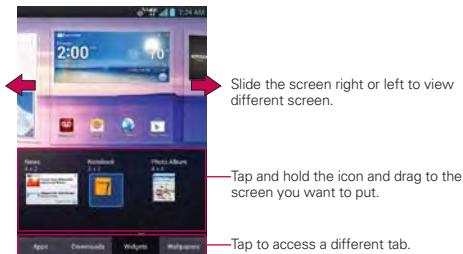
You can personalize your Home screen by adding application icons, shortcuts, widgets, and other items to any Home screen canvas. You can also change the wallpaper.

To add an item to the Home screen

1. Go to the Home screen canvas where you want to add the item.
2. Tap 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, tap the type of item to add.



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

- ▶ **Apps:** Displays all installed applications.
- ▶ **Downloads:** Displays all downloaded applications.
- ▶ **Widgets:** Displays all installed widgets.
- ▶ **Wallpapers:** Allows you to change the Charging and Home screen wallpapers to preloaded images or pictures from your Gallery.



To move an item on the Home screen

1. Tap 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 **Gesture settings**, simply tilt the device in the direction you want to move the item to one of the canvases.

To remove an item from the Home screen

1. Tap and hold the item (note that the Quick Keys are replaced by an icon of a trash can).
2. Drag the item to  at the top of the screen.
3. When the **Remove** icon changes to , lift your finger.

To change the Home screen

From the Home screen, tap the **Menu Key**  > **Home screen settings** to access **Theme**, **Animation**, **Screen swipe effect** or **Wallpaper**.

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

Theme: Please refer to page 32 to see how to change the theme on the Home screen.

Animation: You can set the Home screen with All animations or No animations.

Screen swipe effect: You can set the one of 7 types of screen swipe effect on the Home screen. Choose the effect you want among Basic, Breeze, Accordion, Panorama, Carousel, Layer, and Domino.


Wallpaper: Select wallpaper from Charging wallpapers, Gallery, Live wallpapers, and Wallpapers.

Scroll wallpaper: Tap to checkmark if you want wallpaper to scroll with the screen. If not, remove checkmark to disable it.

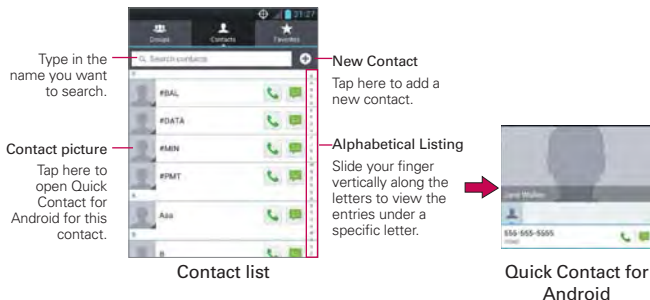
Scroll screen circularly: Tap to checkmark if you want to show first screen after the last screen when scrolling. If not, remove checkmark to disable it.

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.


- From the Home screen, tap **Contacts** , scroll to a contact and tap the contact's picture.


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



- Tap a Quick Contact icon to communicate with the contact. Depending on the icon you've tapped, a different application will open.

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

NOTE To add Contacts, tap  and enter the name, phone number, email address and then tap **Save**.

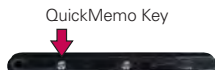
To edit Contacts, tap the contact you want to edit and tap  and edit the contact's information and then tap **Save**.


QuickMemo™

Front view



Top view









1. Quickly press and release the **QuickMemo Key**  at the top of the phone to access the **QuickMemo** application.
2. Select the desired menu options including pen type and color, then create a memo.
3. Tap **Save** in the upper right-hand corner to save the memo with the current screen.


NOTE When using the QuickMemo function, please use a fingertip or included stylus. Do not use your fingernail (or any other rigid object).

Using the QuickMemo options

The QuickMemo options bar at the top of the screen allows you to easily create memos. Tap the tool bar tab to access the tool bar options and tap it again to hide them.




- ▶ Tap the **Notepaper** icon  to change the background for your note from the screen background to plain paper.
- ▶ Tap the **Back** icon  to undo the last edit.
- ▶ Tap the **Forward** icon  to restore the previously deleted edit.
- ▶ Tap the **Pen** icon  to select the pen type and color.

- ▶ Tap the **Eraser** icon  to selectively erase drawn lines or erase the entire memo.
- ▶ Tap the **Share** icon  share your memo with others.
- ▶ Tap **Save** in the upper right-hand corner to save your memo to one of your notebooks or to your Gallery.

NOTE Tap the **Lock front keys** icon  in the bottom left-hand corner of the screen to lock the front keys while you are working in QuickMemo. Tap it again to unlock the front keys.

Viewing saved QuickMemos

Your QuickMemos can be saved in the **Notebook** application or in the **Gallery** application.

- ▶ To view QuickMemos saved in one of your notebooks, from the Home screen, tap **Notebook** , then tap the QuickMemo notebook.
- ▶ To view QuickMemos saved in your Gallery, from the Home screen, tap **Apps**  > **Gallery** , then select the **QuickMemo** album.

Discarding QuickMemos

To exit, press the **QuickMemo Key**  or tap the **Back Key**  and tap

Discard.

Placing and Ending Calls

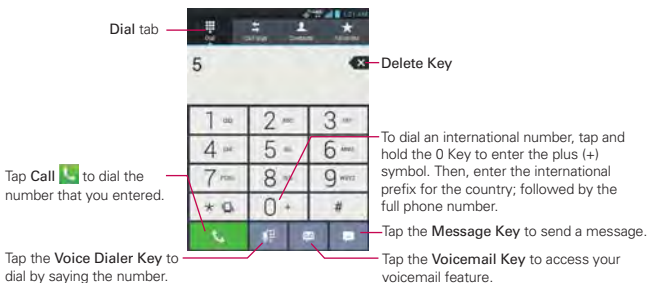
You place calls using the **Phone** application. Calls can be manually dialed using the **Dial** tab. You can also dial from your phone's memory using the **Call log** tab, the **Contacts** tab, or the **Favorites** tab.

To open the Phone application



- ▶ From the Home screen, tap **Phone** .


To place a call by dialing


1. Open the **Phone** application.







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

- ▶ If you enter a wrong number, tap the **Delete Key**  to erase digits one by one.
- ▶ To erase the entire number, tap and hold the **Delete Key** .
- ▶ To dial an international number, tap and hold the **0+** Key to enter the plus (+) symbol. Then, enter the international prefix for the country; followed by the full phone number.

3. Tap **Call**  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 dialpad to enter additional numbers, place the call on hold and take an incoming call, add another call, use the speakerphone, end the call, and other options.

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


Instant List

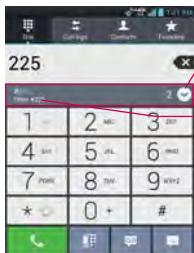
Instant list is displayed on the Dial tab to help you to use the information stored in your Contacts list and Call log without needing to open and search those applications first. Once you enter three or more numbers you want to dial, Instant list displays entries from your Contacts list or Call log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

Sequence matches

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

Selecting an Instant list entry

Tap an entry in the Instant list to insert it on the dialpad and tap **Call**  to dial it.



Instant list Icon




Tap to view more of the Instant list.

Instant List

Answering or Rejecting Calls

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

To answer a call

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

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

Unlocked Screen





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

Locked Screen



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

To ignore a call and divert it to voicemail

- ▶ If the screen is unlocked, tap **Ignore** .
- ▶ If the screen is locked, swipe the **Ignore** icon  in any direction.
- ▶ The caller is sent directly to your voicemail box to leave a message.

Unlocked Screen



Tap the **Quick msg Key** to send a quick message to the caller and forward them to your voicemail.

Tap the **Ignore Key** to ignore the call and send the caller directly to your voicemail box to leave a message.

Locked Screen






Swipe the **Ignore** icon in any direction to ignore the call.

Swipe the **Quick msg** icon in any direction to send a message to the caller.

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

To Ignore a call and send a text message



1. When you receive an incoming call and the screen is unlocked, tap the **Quick msg Key** . If the screen is locked, swipe the **Quick msg** icon  in any direction.
2. The text message screen will appear. Type your message and tap  in place of answering the call.

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

Working with the Call Log

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

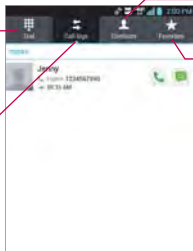
To open the Call log


- ▶ From the Home screen, tap **Phone**  and then the **Call logs** tab  at the top of the screen.


All calls (sent, received, and missed) are listed in the **Call logs** tab. The most recent calls are located at the top of the list. Scroll down to see older entries.

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


This tab displays the history of all your calls.




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

You can set favorites contact with frequently called. Tap the **Menu Key**  for more options.

To dial a number in the Call log

- ▶ From the Call log, tap **Call**  at the right of the call entry. You can also tap 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. Tap and hold the call entry.
2. Tap **Edit number before call** in the Context menu that appears. The Dial screen is displayed so you can edit the number, if necessary, before adding it to your Contacts list.
3. Tap the **Menu Key**  then tap **Add to Contacts**.

4. Tap an existing contact entry to add the new number to it or tap the **Create new contact** icon to save it as a new entry.

Clearing the Call logs

You can empty the entire Call logs at once or selectively delete entries.


1. Access the Call logs.
2. Tap the **Menu Key** .
- ▶ Tap **Clear** to select entries to remove from the list.
- ▶ Tap **Clear all** to remove all of the entries from the list.

Calling Your Contacts


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

You can also quickly call a contact using Quick Contact. If you have contacts on the web, you can choose whether to synchronize with your phone when you first set up your Google™ Account.

To call a contact

1. From the Home screen, tap **Contacts** .
2. Tap the contact you want to call.
3. Tap the contact's phone number you want to call.

To call a favorite contact

1. From the Home screen, tap **Contacts** .
2. Tap the **Favorites** tab and then tap the contact you want to call.
3. Tap 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, tap **Apps**  > **Voice Dialer** .

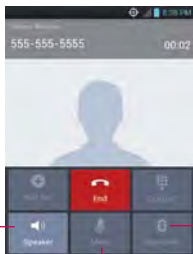
You can also use the Voice Dialer from the dial pad.

From the Home screen, tap **Phone**  > **Voice Dialer** .

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

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

Options During a Call



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


Tap to switch between a Bluetooth headset and the phone.

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

To mute the microphone during a call

- ▶ Tap **Mute** .

The light bar on the **Mute** button illuminates blue to indicate that the microphone is muted.


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

The microphone is unmuted automatically when the call ends.

To turn the speakerphone on or off

- ▶ Tap **Speaker** .

The light bar on the **Speaker** button illuminates blue to indicate that the speakerphone is on and the sound from your call is played through the phone's speaker on the back of the device.

While viewing the in-call screen, you can turn the speakerphone off by tapping **Speaker**  again.

The speaker is turned off automatically when the call ends.


WARNING!

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

To switch between a Bluetooth device and the phone

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




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

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

Managing Multiple Calls

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


To set up a conference call

1. Place a call to the first participant.
2. When you're connected, tap **Add call**  and select the contact you wish to add. You can also tap the **Dialpad**  then add call.
3. After you're connected, tap **Merge call** . The participant is added to the conference call.



Tap here to merge the separate calls into a 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 tap **New voicemail**.




OR

- ▶ Tap the **Voicemail** icon  on the Home screen.




OR

- ▶ From the Home screen, tap **Phone** , then tap the **Voicemail Key** . Typically, your carrier's voicemail system guides you through the process of listening to and managing your voicemail. The first time you call your voicemail, it also guides you through the process of recording greetings, setting a password, etc.

To set up your Voicemail

1. From the Home screen, tap **Phone** .
2. Tap the **Voicemail Key**  to dial your voice mailbox.
3. If you hear a system greeting, tap the **Pound Key**  to interrupt it, if applicable.
4. Follow the setup tutorial.
5. Select a password.
6. Record a voice signature and greeting for your voice mailbox.

To access your voicemail from your wireless device

1. From the Home screen, tap **Phone** .
2. Tap the **Voicemail Key**  to dial your voice mailbox. If you hear a system greeting or your own greeting, tap the **Pound Key**  immediately to interrupt the system greeting.
3. Follow the prompts to enter your password and retrieve your messages.

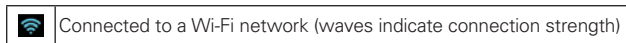
Connecting to Wi-Fi Networks


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

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



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

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



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

To automatically connect to a Wi-Fi network when launching applications

From the Home screen, tap the **Menu Key**  > **Settings** > **Wi-Fi**. Or you can just tap the Wi-Fi icon  from the Notifications panel to turn on Wi-Fi.

From the Wi-Fi settings screen, tap **Optimize Wi-Fi usage** for the following settings:

- ▶ **When launching apps, connect to known Wi-Fi networks when Wi-Fi is off** Checkmark the box to enable this setting to automatically connect when launching an application that uses it. Remove the checkmark and your device will display a notification dialog box for you to select the connection action.

- ▶ **Download/Upload large files over Wi-Fi** Checkmark the box to enable this setting to automatically connect when uploading/downloading large files. Remove the checkmark to disable it and not automatically connect.
- ▶ Tap the **OK** icon to set the above options.

To configure the phone with a static IP address.

1. Turn on Wi-Fi, if it's not already on.
2. Tap and hold the name of an added network then tap **Modify network**. Type in the password and tap **Save** to add as network.
3. Tap **Show advanced options** to mark the checkbox, then complete the fields as necessary.

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



1. From the Home screen, tap **Apps**  > **Settings** .

Or

Open the Notifications panel and tap Wi-Fi to turn the feature on.

2. Tap **Wi-Fi**. If the Wi-Fi icon is on the left and the icon is grey-colored, drag the icon to the right. Your device scans for available Wi-Fi networks and the icon turns blue when successful.
3. Tap a network to connect to it.
 - If the network is secured, you will be prompted to enter a password (Ask your network administrator for details).
 - When you're connected to a network, you can tap the network name in the Wi-Fi settings screen for details about the speed, security, address, and related settings.




New network detection and notification

1. From the Home screen, tap **Apps**  > **Settings**  > **Wi-Fi**.
2. Checkmark the **Notify Me** checkbox in the Wi-Fi settings screen to be notified when new networks are detected.
 - ▶ When Wi-Fi is on and the user launches an application that uses Wi-Fi, a dialog box will appear when new networks are detected.

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

To add a Wi-Fi network



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

1. Turn on Wi-Fi, if it's not already on.
2. From the Home screen, tap **Apps**  > **Settings**  > **Wi-Fi**.
3. From the Wi-Fi settings screen, tap **ADD NETWORK** at the bottom right corner of the screen.
4. Enter the **Network SSID** (name) of the network.
If the network is secured, tap **Security**  and tap the type of security deployed on the network.
5. Enter the required passwords and security credentials.
6. Tap the **Save** icon.

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



To forget a Wi-Fi network

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

1. Turn on Wi-Fi, if it's not already on.
2. From the Home screen, tap **Apps**  > **Settings**  > **Wi-Fi**.
3. In the Wi-Fi settings screen, tap and hold the name of the network that you want to forget.
4. Tap **Forget network** in the Context menu that appears.

Wi-Fi Direct connection


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

1. From the Home screen, tap **Apps**  > **Settings**  > **More...** (WIRELESS & NETWORKS section).
2. Tap **Wi-Fi Direct** to set up your Wi-Fi Direct connection settings.
 - ▶ Checkmark the **Wi-Fi Direct** checkbox to turn it on. A dialog box is displayed with instructions on how to connect with Wi-Fi Direct and Wi-Fi devices.

Connecting Your Device to Your Computer

Before using your device's Media sync (MTP) or Camera (PTP) 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 tap the USB connection icon .
3. Tap the connection mode you want to use to connect to the PC. Choose from the following options: **Charge only**, **Media sync (MTP)**, **Internet connection**, or **Camera (PTP)**.

USB Autorun

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

- ▶ Automatically installs the LG USB Modem driver.
- ▶ Allows a phone with an installed microSD card to be used as an MTP device. It allows transfer of protected content from the phone to the PC and vice versa.

To select USB mode for Autorun

1. From the Home screen, tap **Apps**  > **Settings**  > **Connectivity** > **USB connection type**.
2. Tap **Media sync (MTP)** or **Camera (PTP)** to connect to the PC for Autorun.
 - ▶ Tap **Charge only** to use only the charging function and not the USB function.
 - ▶ Tap **Internet connection** to use the ethernet or modem function and not the default USB function.

- NOTES**
- USB Autorun only works with Windows® XP, Windows® Vista, and Windows® 7 operating systems.
 - Log on to the PC as Administrator. Non-Administrator accounts have insufficient privilege to install the USB Modem driver and don't run the Autorun feature.
 - Do not unplug the USB Cable during Autorun.
 - If Autorun doesn't function properly, the USB mode is changed to **Media sync (MTP)** mode by default.



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

Internet connection mode

Autorun may automatically use the Media sync (MTP) mode in certain circumstances.

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

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

- ▶ **Ethernet** This mode changes the phone to USB tethering mode from the PC. From the Home screen, tap **Apps**  > **Settings**  > **Connectivity** > **USB connection type** > **Internet connection** > **Ethernet**. Return to the Settings screen and tap **More...** (under the WIRELESS & NETWORKS section) > **USB tethering** > **Mobile Broadband Connect** checkbox.

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

- ▶ **Modem** This mode changes the phone to Modem mode from the PC.

Ask on connection



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 dialog box is displayed when the USB Cable is connected to the phone and computer.

Autorun is not available when:

- ▶ The phone is booting (powering up).
- ▶ The PC operating system is not set to Autorun (automatic execute command).

To change the Connection mode settings while Autorun is running:

You can change the settings while Autorun is running. From the Home screen, tap **Apps**  > **Settings**  > **Connectivity** > **USB connection type** > **Media sync (MTP)**.

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

Using the Status Bar to change the settings

The Status Bar displays 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. Tap the connection setting to display a screen where you can change the USB connection mode.

NOTE If the **Ask on connection** checkbox is marked, the screen is only provided during USB connection. If Autorun fails to run, the device automatically switches to Media sync (MTP) mode.

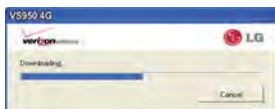
Step 1. Connecting the phone to a PC

- ▶ Connect your phone to your PC with a compatible USB Cable (supplied). LG Autorun starts automatically.
- ▶ Click 'I accept the terms in the agreement' then 'Yes'.



- NOTES**
- USB Autorun is only supported for Windows® XP, Windows® Vista, and Windows®7.
 - The USB Autorun feature works only under an Administrator account. The installer has insufficient privileges under a Non-Administrator account. Log on as Administrator. The device is switched back to the **Media sync (MTP)** mode within 30 seconds. If Autorun fails to run, the device automatically switches to Media sync (MTP) mode.

Step 2. Downloading the LG USB Modem Driver.

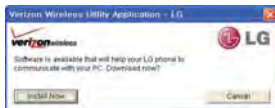


- NOTES**
- If a previous version of the LG USB Modem driver is installed in the computer, it will automatically be updated to the recent version.
 - If a recent version of the LG USB Modem driver is installed in the computer, LG Autorun skips 'Step 2.'

Step 3. Installing the LG USB Modem Driver.



Step 4. Installing the Utility Application.





Make Your Device a Mobile Hotspot

The **Mobile Hotspot** application can share the phone's 4G data connection with up to 10 Wi-Fi capable devices.

WARNING!

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

1. From the Home screen, tap **Apps**  > **Mobile Hotspot** .
2. Tap the **Mobile Hotspot** checkbox to enable this feature.
3. Read the disclaimers and Help information, then tap the **OK** icon.
4. Your portable Wi-Fi Hotspot is now created.

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



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

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



NFC



Near field communication (NFC) lets you get things done just by tapping your phone on NFC touchpoints – quickly change your phone settings, for example, or open a website featured on an advertising poster without typing the Web address, and lots more.

To turn the NFC feature on, from the Home screen tap **Apps**  > **Settings**  > **More...** > and tap the **NFC checkbox**.

LG Tag+

LG Tag+ lets you set up tags as NFC touchpoints that apply your own custom settings to your phone by just tapping the phone to the tag. For example, you could have one tag with the settings you want at work and one for settings when you're at home.

Using Tag+ writing

1. From the Home screen, tap **Apps**  > **LG Tag+** .
2. Select the desired mode (Car/Office/ Sleep/User mode) and modify the settings as desired.
 - ▶ **Car mode setting**
 Navigation, Destination, Bluetooth and Music are available options.
 - ▶ **Office mode setting**
 Wi-Fi, Bluetooth, and Silent are available options.
 - ▶ **Sleep mode**
 Silent, Brightness, and Music are available options.
 - ▶ **User mode**
 Silent, GPS, Bluetooth, and Wi-Fi are available options.
3. Tap **Write on NFC tag** and tap the back of your device to a tag or a device to share.

Using Tag+ reading

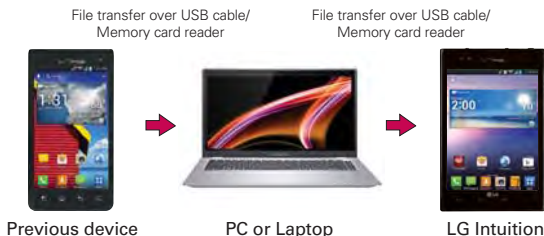
Tap the NFC tag or NFC-enabled device with the back of your phone. When tapping the set tag or a device, the preconfigured mode will be activated right away.

NOTE Two tags come in the box. These tags are re-writable.

Transfer Content


Transferring data (i.e., pictures) from an Android device to LG Intuition™

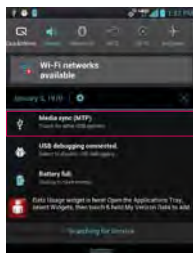
Via PC or Laptop



1. Connect the Android device to a computer using a USB cable. Then open the Android device's Notifications panel.
2. Tap **USB connected**, then (depending on the device) tap **Media sync (MTP)**, **Turn on USB storage** or **Mass storage**.
3. On the computer, open **My computer** (or **Windows Explorer**), click the removable drive associated with your device, then transfer all of the files you want to the computer.
4. On the computer, safely stop/remove the USB device. For example, for Windows® XP, use the **Safely Remove Hardware** option.
5. On the Android device, open the Notifications panel, tap **USB connection type** (or **USB connected**) > **Charge only** (or **Turn off**

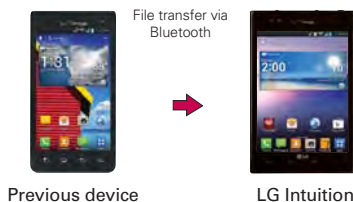
USB storage) then disconnect the previous Android device from the computer.

6. Connect the LG Intuition to the computer using the supplied USB cable.
7. In the USB connection type menu on the LG Intuition, tap **Media sync (MTP)**.
8. On the computer, organize the files in the folder, transfer the files into the LG Intuition folder, then safely stop/remove the USB device.
9. On the LG Intuition, open the Notifications panel, tap  **Media sync (MTP)** > **Charge only**, then disconnect it from the computer.






Via Bluetooth connection

For more information, please refer to Backup Assistant Plus on page 69.



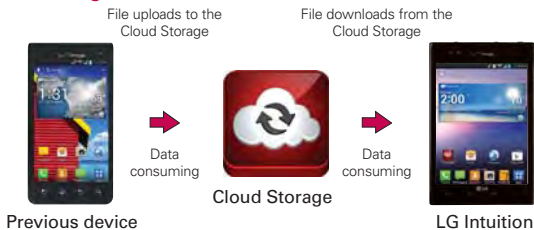
You can transfer files between Bluetooth-enabled devices via Bluetooth connection.

1. From the Home screen, tap **Apps**  > **Gallery** .
2. Choose the file you want to send, then tap **Share**  on the upper right corner of the screen.
3. Tap **Bluetooth**.
4. The Bluetooth menu appears.
 - ▶ If the device that may receive your file were already paired, it would be on the list of AVAILABLE DEVICES.
 - ▶ If not, tap **Search for device** at the bottom of the screen to find out the device you want to send the file to.

Then tap the device to start data transfer.

NOTE Any applications supporting **Share**  such as Music Player and Polaris Office, can send files via Bluetooth.

Via cloud storage






TIP We recommend to access your content through the cloud using Wi-Fi connection to avoid data consumption.


Backup Assistant Plus

How to access and register Contacts backup settings from Backup Assistant Plus

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



1. From the Home screen, tap **Apps**  > **Settings**  > **Backup Assistant Plus** .
2. Read the information provided on the screen and tap the **Start** in the lower right corner of the screen.
3. Enter your PIN code and confirm it, then tap the **Submit**.
4. The Registration complete screen appears and your first backup process begins. Tap the **Done** at the bottom of the screen.

Backup Assistant Plus can be accessed directly from the Contacts application

1. Open the **Contacts** application.
2. Tap the **Menu Key**  > **Backup now**.






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

How to access and register Media backup settings from Backup Assistant Plus

1. From the Home screen, tap **Apps**  > **Settings**  > **Backup Assistant Plus**.
2. Tap **Media backup settings**.
3. Select the storage amount and tap the **Subscribe** at the bottom of the screen.
4. Tap **OK** in the dialog box that appears.
5. Tap **Email account** then enter your email account.

TIP Access the **Video** tutorial in the **Guided Tours** application if you need instructions.




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

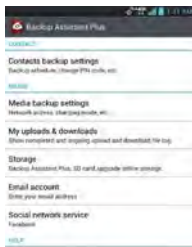
- ▶ From the **Music Player** application , tap and hold a music file and select **Share > Backup Assistant +** to upload files from your device, to download files from the server, and for file streaming from the server.
- ▶ From the **Gallery** application , tap and hold an image file and select **Share > Backup Assistant +** to upload files from your device, to download files from the server, and to open files from the server.
- ▶ From the **Camera** application , after taking the picture or video, select **Share > Backup Assistant+** to upload a captured image to Backup Assistant Plus.
- ▶ From the **Voice Recorder** application , use Backup Assistant Plus to upload files from your device, to download files from the server, and to open files from the server.
- ▶ From the **File Manager** application , use Backup Assistant Plus to upload files from your device, to download files from the server, and to open files from the server.

Using Backup Assistant Plus




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

Manually backing up your contacts




1. From the Home screen, tap **Apps**  > **Settings**  > **Backup Assistant Plus** .
2. Tap **Contacts backup settings** for Contacts backup settings.
3. Tap the **Backup now** at the bottom of the screen to begin the backup process.



Changing the backup schedule




1. From the Home screen, tap **Apps**  > **Settings**  > **Backup Assistant Plus** .
2. Tap **Contacts backup settings** to edit its daily backup schedule. Or tap **Media backup settings** to edit its daily backup schedule.
3. Tap **Daily Backup Schedule**, then tap the timeframe you want. For example, **Every late night (12am-6am)**.

Change your PIN code

1. From the Home screen, tap **Apps**  > **Settings**  > **Backup Assistant Plus** .
2. Tap **Contacts backup settings**.
3. Tap **Change PIN code**.
4. Enter your current PIN and tap the **Next**.
5. Enter your new PIN. Then reenter it for confirmation and tap the **Next**.

Media Backup Settings

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

1. From the Home screen, tap **Apps**  > **Settings**  > **Backup Assistant Plus** .
2. Tap **Media backup settings**.
3. Read the service agreement and select the quantity of storage, then tap the **Subscribe** button.

Email account

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

Browser




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

Internet

Learn to access and bookmark your favorite web pages.

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

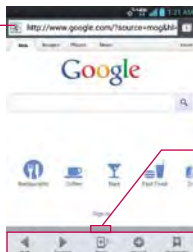
Browse web pages

1. From the Home screen, tap **Apps**  > **Browser** . Or, tap the **Browser** icon  directly from the Home screen.
2. To navigate directly to a specific web page, enter the address (URL) of a web page, then tap **Go** in the lower right corner of the keypad.

NOTE If you don't see the URL input field, drag the top of the current web page down to reveal it.

URL Input Field


Tap here to enter a web address for the web page you want to access.






Windows Tab Icon


















Tap here to access other open web pages (if multiple window tabs are open).





Toolbar handle

Drag the toolbar handle upward to display the toolbar or drag it downward to hide it. You can also set whether the toolbar is displayed or not by tapping the **Menu Key**  > **Settings** > **General** > **Toolbar** checkbox.

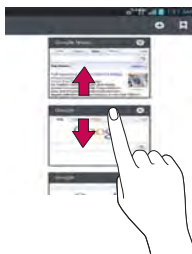
Toolbar

3. While browsing the web page, use the following options:
 - ▶ To go to the previous page, tap **Back**  in the toolbar or tap the **Back Key** .
 - ▶ To go to a next page in your web history, tap **Forward**  in the toolbar.

- ▶ To zoom in or out, double-tap the screen. You can also use the pinch-to-zoom method. Place your two fingers on the screen and slowly pinch or spread them apart. Or, tap and hold **Zoom**  in the toolbar, then tilt the phone down to zoom out and tilt it up to zoom in.
- ▶ To open a new window tab, tap **Add** icon  in the toolbar.
- ▶ To view your list of bookmarks, tap **Bookmarks** icon  in the toolbar. You can also manage (edit, delete, move, etc.) your bookmarked web pages from the Bookmarks tab.
- ▶ To stop loading a web page, tap the **Stop** icon . The Stop Icon appears to the left of the URL while a web page is loading.
- ▶ To reload the current web page, tap the **Menu Key**  > **Refresh**.
- ▶ To bookmark the current web page, tap the **Menu Key**  > **Save to bookmarks**.
- ▶ To open your Homepage, tap the **Menu Key**  > **Go to Homepage**.
- ▶ To send the web address (URL) of the web page to others, tap the **Menu Key**  > **Share page**.
- ▶ To search for text on the web page, tap the **Menu Key**  > **Find on page**.
- ▶ To change the current mobile web page to the desktop formatted page, tap the **Menu Key**  and checkmark the box for **Request desktop site**.
- ▶ To save a web page to read later when you are offline, tap the **Menu Key**  > **Save for offline reading**. To access it later, tap the **Bookmarks** icon  in the toolbar, then tap the **Saved pages** tab at the top of the screen.
- ▶ To adjust the brightness, tap the **Menu Key**  > **Brightness**.
- ▶ To access your list of downloaded files, tap the **Menu Key**  > **Downloads**.
- ▶ To customize the Browser settings, tap the **Menu Key**  > **Settings**.
- ▶ To close the Browser application, tap the **Menu Key**  > **Exit**. If you close the Browser by tapping **Exit**, your Homepage is displayed the next time you connect. You can also exit by tapping the **Home Key** .

- ▶ To view the currently active window tabs, tap the **Windows tab** icon  to the right of the URL input field. Flick the screen up or down to scroll through your open windows. To view one, simply tap it. To close a window, tap the Close window icon  in the upper-right corner of the window, or flick the window off the screen to the right or left. The window closes and disappears from the screen.
- ▶ To open a new incognito window tab, tap the **Windows tab** icon  > **Menu Key**  > **New incognito tab**. Information about using incognito window tabs is displayed to help you to understand this feature.
- ▶ To view the web page details, tap the web page's icon to the left of the URL bar.


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





- ▶ Tap and hold text on a web page. The text is highlighted in blue with cursor markers at each end. A dialog box appears with **Select all**, **Copy**, **Share**, **Find**, and **Web Search**. To adjust the range of your selected text, drag the cursor markers to move them as needed.






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. While viewing the web page you want to bookmark, tap the **Menu Key**  > **Save to bookmarks**.
2. You can edit the Label and Address (URL). You can also set where it is saved, as well as set where it is saved, as well as select or create a new bookmark folder.
3. Tap **OK**.


From your Bookmarks list, tap and hold a bookmark to open the Context menu and use the following options:

- ▶ To open the web page in the current window, tap **Open**.
- ▶ To open the web page in a new window, tap **Open in new tab**.
- ▶ To edit the bookmark details, tap **Edit bookmark**.
- ▶ To add the bookmark as a shortcut to one of the Home screen canvases, tap **Add shortcut to home**.
- ▶ To send the web address (URL) of the web page to others, tap **Share link**.
- ▶ To copy the web address (URL) of the web page, tap **Copy link URL**.
- ▶ To delete the bookmark, tap **Delete bookmark**.
- ▶ To use the web page as your Browser Homepage, tap **Set as homepage**.
- ▶ To add a new bookmarked web page, tap the **Menu Key**  > **Add bookmark**.
- ▶ To create a new bookmark folder to organize your bookmarked web pages, tap the **Menu Key**  > **Add folder**. Tap the **New folder** button in the upper right-hand corner of the screen, enter the folder name, then tap **OK**.

- ▶ To delete a group of bookmarks from the list all at once, tap the **Menu Key**  > **Delete**. Tap each bookmark to be deleted to checkmark it, tap the **Delete** button, then **OK**.
- ▶ To move a group of bookmarks in the list all together at once, tap the **Menu Key**  > **Move**. Tap each bookmark to be moved to checkmark it, tap the **Move** button, select the subfolder, then tap **OK**.
- ▶ To view the list of recently visited web pages, tap **Bookmarks**  in the toolbar, then tap the **History** tab at the top-center of the screen. You can select to view today's list, the list from the last 7 days, and the most visited list. Tap the **Menu Key**  > **Clear all history** to delete all entries from all of the lists.
- ▶ To view the list of pages that you've saved, tap **Bookmarks**  in the toolbar, then tap the **Saved pages** tab at the top-right of the screen. You can view the text on these pages even when you are offline.

Changing the Browser settings

You can configure a number of the Browser settings, including how you view and use pages as well as allowing you to manage your privacy.

- ▶ To open the Browser settings screen, open the **Browser** application, tap the **Menu Key**  > **Settings**.

General

Set homepage: Opens a dialog box with the following choices: Current page, Blank page, Default page, Most visited sites, Other.

Toolbar: Checkmark to display the toolbar at the bottom of the screen.

AUTO-FILL

Form auto-fill: Checkmark to enable the device to fill out web forms with a single tap.

Auto-fill text: Allows you to set up text to auto-fill in web forms.

LARGE FILE TRANSFER

Large File Transfer: Checkmark so that large files are transferred using a Wi-Fi connection instead of the mobile network.

Privacy & Security

Clear cache: Clears locally cached content and databases.

Clear history: Clears the navigation history.

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

COOKIES

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

Clear all cookie data: Clears all of the Browser cookie data.

FORM DATA

Remember form data: Checkmark to allow the Browser to remember data that has been typed in forms for later use.

Clear form data: Clears all of the saved form data.

LOCATION

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

Clear location access: Clears the location access for all websites.

PASSWORDS

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

Clear passwords: Clears 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: Sets the amount of contrast between black and white if **Inverted rendering** is checkmarked. Move the slider along the bar to set it.

Advanced

Set search engine: Opens a dialog box 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: Opens a dialog box to set when to enable plug-ins.

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

PAGE CONTENT

Default zoom: Opens a dialog box 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: Opens a dialog box to set text encoding.

RESET DEFAULTS

Reset to default: Restores all of the Browser settings back to the default values.

Bandwidth management

Search result preloading: Opens a dialog box to set when the Browser will preload high confidence search results in the background.

Load images: Checkmark to set whether or not to display images on web pages.

Labs

Quick controls: Checkmark to hide the toolbar and URL bar and instead allow you to open a quick controls wheel when you slide your thumb along the left or right edge of the touchscreen.

Fullscreen: Checkmark to display the web pages in full screen mode and hide the Status Bar.

Maps

Maps Menu

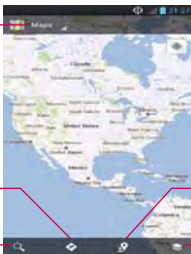
Tap here to access Map, Local, Offers, Navigation, Join Latitude, Location history, and My Places.

Directions Icon

Tap here to get directions to a destination.

Search Icon

Tap here to open the keyboard to enter your search.



Local Icon





Tap here to find types of places near your location.

Layers Icon

Tap here to select the type of map you want to view.

To search for a location




NOTE A dialog box appears upon initial use. Read the information and tap **OK** to continue.

1. From the Home screen, tap **Apps**  > **Maps** .
2. Tap the Search icon  at the bottom left corner 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. Tap the **Search Key**  at the bottom right corner of the keyboard.

Red markers indicate search matches on the map.









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

To get directions

1. From the Home screen, tap **Apps**  > **Maps** .
2. Tap **Directions** .
3. Enter a starting point in the top text field and your destination in the bottom text field. The starting point and destination can be entered manually using the keyboard, past searches, or you can select places using their drop-down menus.



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

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

4. Tap 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. Tap the **GET DIRECTIONS** button below the transportation mode icons.
6. Your route is displayed on a map.
 - ▶ Tap a white circle marker on the map to see direction change indicators.
 - ▶ Tap  to display each direction instruction sequentially in a bubble at each juncture. You can tap  to step backward through the direction instructions.
 - ▶ To view the directions in text format, tap **DIRECTIONS LIST** at the bottom left corner of the screen.
 - ▶ Tap the **Navigation** icon  to open a dialog box to select alternate navigation applications to obtain directions.
 - ▶ Tap the **Back Key**  to return to map view.

NOTE To reverse the directions, from the Directions list tap the **Menu Key**  > **Reverse**.







To get directions using the Navigation application

1. From the Home screen, tap **Apps**  > **Navigation** .
2. Tap **Speak destination** to enter your destination using voice or **Type destination** to enter the destination using the on-screen keyboard.
3. Select the destination, then choose **Navigation** on the pop-up menu.
4. Your turn-by-turn navigation directions will be displayed on the screen.

NOTE While viewing the Navigation home screen, swipe to the left to view your Contact's addresses and swipe to the right to view your Starred places.

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.

- ▶ Tap the **Maps Menu** icon  in the upper left corner of the screen to access Map, Local, Offers, Navigation, Join Latitude, Location history, and My Places.
- ▶ Tap the **Layers** icon  in the Maps toolbar in the lower right corner of the screen to access Traffic, Satellite, Terrain, Transit Lines, Latitude, My Maps, Bicycling, Wikipedia and your search history.
- ▶ Tap the **Places** icon  in the Maps toolbar at the bottom of the screen to search for places near your location or your destination.
- ▶ Tap the **Directions** icon  icon in the Maps toolbar at the bottom of the screen to get directions.
- ▶ Tap the **Search** icon  in the Maps toolbar at the bottom left of the screen to conduct a new search.
- ▶ Tap the **My Location** icon  in the upper right corner of the screen to display your current location on the map.

Maps settings

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


Checking the Weather

The **Weather** application provides weather forecasts and other weather information. 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

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



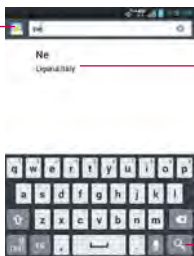
- Swipe right or left to scroll through the weather information for each of the cities in your list.
- Tap the **Refresh** icon  in the lower right corner of the **Weather** application screen to update the current weather for the displayed city.

To add a city or update current location

To add a new city or update your current location, tap the **Add** icon  in the upper right corner of the weather widget screen.

- ▶ Enter a location in the Search city box, then tap the city you want to add.
- ▶ Tap **Current location** at the top of the screen to update your current location.


Type in the city, state or ZIP code to search for that location.






Tap here to add the city to your City list.

Tap here to search.

Managing your City list


The City list screen allows you to manage a list of cities that you want to monitor. From the Weather application, tap the **Menu Key**  > **Settings** > **Edit city list**.

- ▶ Tap the **Add** icon  to add another location.
- ▶ Tap the **Menu Key**  > **Delete** to delete a city from your list.
- ▶ Tap and drag the handle icon  (to the right side of the city name) to move a city to a new position in your city list. This affects the order viewed when you swipe across the **Weather** application screen.

Changing Weather Settings

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

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

- ▶ To open the Weather settings screen, from the Weather application, tap the **Menu Key**  > **Settings**.

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

LIST SETTINGS

Edit city list: Opens a list of the cities you set to monitor.

DATA AND SYNCHRONIZATION


Update data: Checkmark this setting to automatically update the weather data for the cities in your City list.

Update interval: Opens a dialog box to set the schedule to update the weather data for the cities in your City list.

GENERAL SETTINGS

Temperature unit: Opens a dialog box to set degrees to be display in Celsius or Fahrenheit.

From the Home screen, tap **Apps**  > **Weather**. Then tap Yahoo Weather  at the top left of the screen to access the Yahoo! website.

NOTE You can also access by tapping the Yahoo weather  at the top left of the weather widget on the Home screen.


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, tap **Apps**  > **Contacts** .


OR

- ▶ From the Home screen, tap **Contacts** .

All of your contacts are displayed alphabetically in a list in the **Contacts** tab. 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

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

- ▶ Open your **Contacts** application then tap the **Favorites** tab  in the upper right corner of the screen.

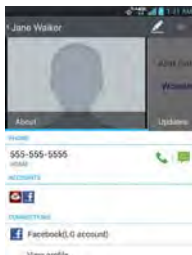
To open your list of Groups

The **Groups** tab displays your **Contacts** in the groups you designated, for example Co-workers, Family, and Friends, etc. You can also create your own group label (e.g., School).





- ▶ Open your **Contacts** application, then tap the **Groups** tab  in the upper left corner of the screen.

To view details about a contact and communicate

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



3. The Contact Info tab displays by default. In the contact's details screen, tap the way you want to communicate with the contact.

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

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





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




Adding Contacts

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


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

To add a new contact





1. From the Home screen, tap **Apps**  > **Contacts** . You can also open the **Contacts** application by tapping **Contacts**  from the Home screen.
2. Tap the **New contact**  icon to the right of the Search box to start a new contact entry.

3. If you have more than one account with contacts, tap  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. Tap a category of contact information (such as phone number or email address) to enter that kind of information about your contact. Tap the drop-down menu icon  to the right of the information you entered to open a list of preset labels (such as **Work** for a phone number or email address), then select the label you want.
6. Tap a category's **Add** 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. Tap its drop-down menu icon to the right to set the label. For example, **Work** or **Home** for a phone number.

NOTE You can make a contact a Favorite. Tap and hold the contact you want to make a favorite and tap **Add to favorites**.

7. Tap the **Picture** 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, tap **Save**.

Editing Contacts


1. From the Home screen, tap **Apps**  > **Contacts** . You can also open the **Contacts** application by tapping **Contacts**  from the Home screen.
2. Tap the Contact entry you want to edit.
3. Tap the **Edit** icon  near the upper right corner of the screen.
4. Make the changes to the entry as needed.
5. Tap **Save**.

Importing, Exporting, and Sharing Contacts

If you have contacts stored in vCard format in your phone's internal storage, you can import them into your Contacts application on your phone. You can also export contacts in vCard format from your phone's internal storage. Exporting your contacts to internal storage allows you to back them up to a computer or other device. It also allows you to send the contact via email.


To import contacts from the phone's internal storage

You can copy contacts, in vCard format, into internal storage then import them into your phone.

1. Open the **Contacts** application.
2. Tap the **Menu Key**  > **Import/Export**.
3. Tap **Import from internal storage**.
4. If you have more than one account on your phone, tap the account into which you want to import the contacts.
5. Select the vCard you want to import from the internal storage, then tap **Import**.


To export contacts to internal storage

You can export all of the contacts on your phone to internal storage, 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. Tap the **Menu Key**  > **Import/Export**.
3. Tap **Export to internal storage**.
4. Tap the contacts you want to export to internal storage. To export all of the contacts, tap the **Select all** checkbox in the upper left corner of the screen.
5. Then tap **Export**, then **OK** to confirm.

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. Tap the contact you want to share to view its details.
3. Tap 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** tab  contains the list of people you choose as your favorites and 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. Tap a contact to view its details.
3. Tap the star to the right of the contact's name.
When the contact is added to your Favorites list, the star will be yellow-colored.

To remove a contact from your Favorites list

1. Open the **Contacts** application.
2. Tap the contact to view its details.
TIP If you have a long list of contacts, it may be faster to tap the **Favorites** tab  then tap the contact entry to view its details.
3. Tap the yellow star to the right of the contact's name.
The grey-colored star indicates that the contact was removed from your Favorites list.

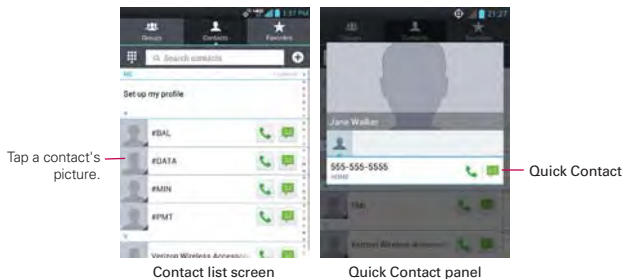
Communicating with Your Contacts

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

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

To connect using Quick Contact for Android™

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




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

The communication icons displayed in the Quick Contact panel depend on the types of information you saved in the contact's file.

Selecting Which Contacts are Displayed


You can 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. Tap the **Menu Key**  > **Display options**.
3. Select which account entries are displayed.
 - ▶ Tap **All contacts** to display all contacts in all of your accounts.
 - ▶ Tap an account to display only the contact entries in that single account.
 - ▶ Tap **Customize...** to select a combination of accounts to display their contact entries.

To customize which groups are displayed


If you choose to customize your Contacts list, it will only affect which contacts are displayed. Your sync settings will not be affected.

1. Open the **Contacts** application.
2. Tap the **Menu Key**  > **Display options**.
3. Tap **Customize....**
4. Tap each group whose contacts you want to view in your Contacts list, then select the Contact types you want to appear. Contact types with a checkmark will appear in your Contacts list.
5. Tap **OK** to save your settings.

Joining Contacts

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


To join contacts

1. Open the **Contacts** application.
2. Tap the contact entry to which you want to add information. The contact name for this entry will remain unchanged after you join it with another contact.
3. Tap the **Menu Key**  > **Join**.
4. Tap 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. The contact information will be displayed in one contact entry.

Separating Contact Information

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















To separate contact information

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

Email

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

Email icons

	New Exchange mail message received or sending succeeded		Exchange mail message sending or receiving failed
	AOL mail message received or sending succeeded		AOL mail message sending or receiving failed
	Yahoo! mail message received or sending succeeded		Yahoo! mail message sending or receiving failed
	Gmail message received or sending succeeded		Gmail message sending or receiving failed
	Hotmail received or sending succeeded		Hotmail message sending or receiving failed
	Verizon.net mail received or sending succeeded		Verizon.net mail message sending or receiving failed
	Other mail received or sending succeeded		Other mail message sending or receiving failed

Opening Email and the Accounts Screen

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


To open the Email application


- From the Home screen, tap **Apps**  > **Email** , or tap the **Email** icon  directly from Home screen.

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

The Accounts screen

The Accounts screen lists all of your accounts.

- ▶ Open the **Email** application. If you're not on the Accounts screen, tap the **Menu Key**  > **Accounts**.

You can also view accounts by tapping  at the top of the screen to switch between your accounts.

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

You can tap an account to view its Inbox.


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

Reading Your Email

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

To read an email

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

You can also go to the folder list of the account by tapping the **Menu Key**  > **Folders** from the Inbox.

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

Email settings

To access the Email settings, from the Accounts screen, tap the **Menu Key**  > **Settings**.

ACCOUNTS

- ▶ Tap an account to access settings specific to that email account.

GENERAL SETTINGS

- ▶ Tap **Set default account** to open a dialog box to select which email account to designate as your default account.

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

NOTIFICATION SETTINGS

- ▶ Tap **Notifications** to checkmark this setting so that you are notified of new email notifications.
- ▶ Tap **Notification sound** to open a dialog box to set the sound when you receive a new email notification. This setting is unavailable when the phone is in Vibrate mode or Silent mode.
- ▶ Tap **Vibrate** to open a dialog box to set a vibration when you receive a new email notification. This setting is unavailable when the phone is in Silent mode.

WI-FI SETTINGS

- ▶ Tap **Download over Wi-Fi** to checkmark this setting if you want email attachment(s) to be queued until Wi-Fi is connected.
- ▶ Tap **Download file size** to open a dialog box to set download file size over Wi-Fi when you choose to queue your email attachment(s).

GEOTAGGED MEDIA SETTINGS

- ▶ Tap **Geotagging notification** to checkmark this setting to display a pop-up when sharing pictures with location information.
- ▶ Tap **Share pictures** to open a dialog box to set when to share pictures with location information or without location information.

APP SETTINGS

- ▶ Tap **Screen after deleting** to open a dialog box to choose which screen to show after you delete email.
- ▶ Tap **Ask before deleting** to checkmark this setting if you want to be asked before deleting mail.
- ▶ Tap **Show image** to open a dialog box to set when to show images.
- ▶ Tap **Conversational view** to checkmark this setting if you want your email Inbox to display your email messages by conversation threads.
- ▶ Tap **Email preview** to open a dialog box to set how many lines of email text to download on your device for preview.

- ▶ Tap **Brightness** to open a dialog box to set brightness.

MICROSOFT EXCHANGE SETTINGS

- ▶ Tap **Corporate directory** to checkmark this setting to search the online directory for the entered recipient.


Visual Voicemail



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

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

To be able to use Visual Voicemail

1. From the Home screen, tap **Voicemail** .

NOTE Listening to voicemail and setting up your voicemail service depends on subscription to the visual voice mail service. When you tap the Voicemail Key  and you have subscribed to the visual voice mail service, the Visual Voicemail application will be launched. If you are not subscribed, you will be dialed into your traditional voicemail box.

2. The first time you access the Voicemail application, you will have to subscribe to the Visual Voicemail service to be able to use it.
3. After subscription to the Visual Voicemail service, you will be prompted to enter your password. To change the password call voicemail (dial *86).
4. After entering the password, your voicemail entries will be displayed in your Voicemail Inbox. While viewing the voicemail list, you can select an entry (see step 5). For additional options, tap the **Menu Key**  > **New, Delete, Save as, Set as Heard, Sort by, Saved messages, Refresh, Settings, Search, Logout**.
5. Tap a voicemail entry to listen to it. Then you can tap **Call back, Save, Erase, or Speaker**. To forward or reply to a message, tap the **Menu Key**  > **Forward or Reply**.
6. If you decide to reply with a voicemail or forward it, record a message. The keys at the bottom of the screen allow you to record, stop, re-record, or cancel the message.

NOTE To send a voice message to a number in your Contacts list, enter the name (or phone number) in the **To:** field to search for it.

Gmail

Opening Gmail and Your Inbox

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

To open the Gmail application

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


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

 indicates that this message was sent directly to you.


 indicates that you were CC'd on this message.

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

To View your Inbox when Gmail is running


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

Adding another Google Account

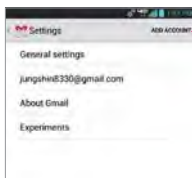
1. From your Gmail Inbox, tap the **Menu Key**  > **Settings**.
2. Tap **ADD ACCOUNT** in the upper right corner of the screen.
3. Tap **Existing** or **New**, then enter the necessary information.

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, tap the **Accounts icon**  on the Inbox header, then tap the account that contains the email you want to read.

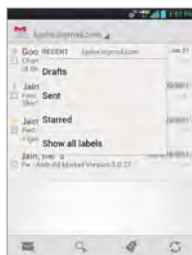
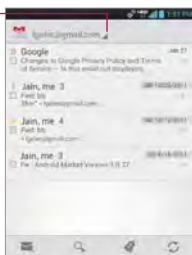
NOTE The number to the right of the selected Google Account indicates the number of unread messages you have in that account.



Tap here to add an account.


Accounts icon

Tap here to open a drop-down menu of account choices and account folders.







Gmail Inbox





Navigating in the Gmail application

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

While viewing your Inbox, swipe the screen up and down to scroll through the list. The icons at the bottom of the screen allow you to navigate within the Gmail Application as well as use Gmail features:

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

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

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

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.

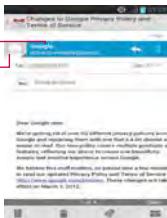
To read a message

- ▶ Tap 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.

Google Talk Online Status




Tap the Contact's picture to open Quick Contact.



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



After you archive or delete a conversation, you can tap **Undo** in the dialog box that appears 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).

Tap the **Star** icon  to mark it as important, the **Reply** icon  to start a reply message to the sender, and the **Options** icon  to provide access to **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, tap **Apps**  > **Gmail** . Then tap the conversation you want to view.
2. Tap the contact name to open that message.


While reading a message you can tap  mark the conversation as important. Two yellow forward symbols  appear on the left side of the conversation making it easy to see your marked conversations. For example, it can remind you 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, tap **Apps**  > **Gmail**  > the **Compose icon**  at the lower left corner of the screen.

NOTE This will start the message from your default Gmail account. To send it from another account, on the Accounts screen, tap the account Accounts icon  to the right of the current Google Account, then tap 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 tap a suggested address or continue entering text to enter a new one.



3. Tap 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 email text in the Compose email field.
6. Tap the **Menu Key**  > **Attach file** if you want to add an attachment to the email.
7. Tap the **Send icon**  in the upper right corner of the screen to send your message.

NOTE If you aren't ready to send the message, tap the **Menu Key** , then tap **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, tap the **Reply** icon , or tap the Options icon . Tap **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. Tap the **Send** icon  in the upper right corner of the screen to send your message.

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

Google Account settings

1. From the Home screen, tap **Apps**  > **Gmail** .
2. Tap 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: Opens a dialog box to set which conversation list is viewed next.

Message text size: Opens a dialog box to set your message text size.

Hide checkboxes: Mark the checkbox to hide checkboxes so that tap and hold will select an item.




Message actions: Opens a dialog box to set when to show message actions.

Clear search history: Tap to clear your search history.

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

Individual account settings

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

1. From the Home screen, tap **Apps**  > **Gmail** .
2. Tap the **Menu Key**  > **Settings**.
3. Tap the account whose settings you want to modify.

Priority Inbox Mark the checkbox to make Priority Inbox the default Inbox for this account.

Email notifications Mark the checkbox to receive a Status Bar notification when mail arrives.

Ringtone & vibrate Opens a dialog box to set the Sync download amount for this account and how you want to be notified.

Signature Opens a dialog box to enter the signature you want to send at the end of your email.

DATA USAGE

Gmail Sync is ON Opens the Accounts & Sync screen to modify your sync settings for this account, or remove this account.


Days of mail to sync Opens a dialog box to set the number of days of mail to sync. Modifying this setting affects the sync download in the Ringtone & vibrate setting.

Manage labels Opens a dialog box to set which mail labels are synced.

Download attachments Mark the checkbox to automatically download attachments to recent messages using a Wi-Fi connection.

Responding with quoted text

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

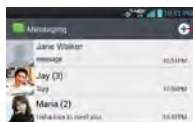
1. Open a Gmail message and initiate your response action (e.g., Reply, Forward, etc.).
2. Tap the **QUOTE TEXT** checkbox below the Compose field to checkmark it, then tap **RESPOND INLINE**.
3. Tap where you want to insert your text, then enter your text as necessary.
4. Tap the **Send** icon  in the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

Messaging


To open Messaging

- ▶ From the Home screen, tap **Messaging** .



The Messaging screen will open, where you can create a new message or open an ongoing message thread.




New Message Icon
Tap here to create a new message.

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

TIP QUICK REPLY

When a New Message notification is displayed, you can reply quickly without accessing the **Messaging** application. Simply tap the **Text** field in the notification to respond with a text message, or tap the **Call** icon  to call the person instead of responding by text, tap **View** to open the **Messaging** application, or tap the **Delete** icon  to delete the message.

To delete a message thread from the Messaging window

1. From the Home screen, tap **Messaging** , then tap and hold the message thread.
2. Tap **Delete thread** in the Context menu that opens.
3. Tap **Delete** to confirm you want to delete the message thread.


Exchanging Messages

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

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

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

To send a text message

1. On the Messaging screen, tap the **New message** icon  in the upper right corner of the screen.
2. Enter a mobile phone number or email address in the **To** field.

As you enter the information, matching contacts appear. You can tap a suggested recipient or continue entering the phone number or email.

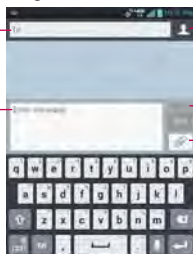
NOTE Instead of a phone number or email address, you can enter a name. As you enter characters, matching Contact entries are displayed for you to select.

3. Tap the Message field to start entering your message.

A character counter is displayed to the right of the message field to let you know how many more characters you can type and also the number of pages in the message.

To field
Tap here to enter the recipient(s).


Message field
Tap here to enter your message.



Contacts icon
Tap here to enter the recipient(s) by searching through your stored Contact information.

Character counter
Displays the amount of remaining characters and the number of pages.




Attachment icon
Tap here to add an attachment to your message.

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

4. Tap **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, tap the **New message** icon  in the upper 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 tap a suggested contact or continue typing.
3. Tap the Message field to start entering your message.
4. Tap the **Menu Key**  > **Add subject** to add a message subject.
5. Tap the **Attachment** icon  to open a dialog box where you can choose the type of media file to attach to the message.
 - ▶ If you tap **Picture**, you're prompted to select a picture from your Gallery.
 - ▶ If you tap **Capture picture**, the **Camera** application opens so you can take a picture and attach it.
 - ▶ If you tap **Video**, you're prompted to select a video from your Gallery.
 - ▶ If you tap **Capture video**, the **Camcorder** application opens so you can record a video and attach it.
 - ▶ If you tap **Audio**, you're prompted to select an audio file stored in your phone's memory.
 - ▶ If you tap **Record voice**, the voice recording function opens so you can record an audio message and attach it.
 - ▶ If you tap **Location**, you can attach **My current location**, **Places of Interests**, **Enter address**, **Contact**, and **From geotagged media**.
 - ▶ If you tap **Contact (vCard)**, you're prompted to select the contact(s) you want to send as vCard file(s).


NOTE To delete an attachment, simply tap the **Delete** icon  to the right of the attached file.


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

To attach a location in a message

1. Create a new message and add a recipient.
2. Tap the **Attachment** icon  and tap **Location**.
3. Select a location type from the available choices, then complete the location information as necessary.
4. Tap **Attach**.
5. Type your message, then tap **Send MMS**.



To send a group message.

1. On the Messaging screen, tap the **New message** icon  in the upper right corner of the screen.
2. Add the recipient(s).
3. If you entered more than one recipient, **Group Conversation** and **Individual Message** icons appear below the message recipients as soon as you tap the Message field.
 - ▶ Tap **Group Conversation** to allow all of the recipients to be viewed by each other so they can respond to you and the group. The message is sent as a multimedia message (MMS).
 - ▶ Tap **Individual Message** so that none of the recipients can see the other recipients (similar to BCC). Each individual can only respond to you.


NOTE Tap the Question icon  to view information regarding using these buttons.

4. Complete the message as necessary, then tap **Send**.

To respond to messages you receive

If you receive a new message while you're working in a message window, the new message is displayed. If not, you'll receive a new message notification and the new message icon  appears in the Status Bar. When a New Message notification is displayed, you can reply quickly without accessing the **Messaging** application. Simply tap the **Text** field in the notification to respond with a text message. Tap **View** in the New Message notification to open the **Messaging** application, or tap the **Call** icon  to call the person instead of responding by text.


If the Auto-retrieve setting is not checkmarked, you must tap **Download** to view the message.

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

To view details about a message

1. Tap and hold a message in the message window.
2. Tap **View message details** in the Context menu that opens.

Changing Messaging Settings

To change your Messaging settings, open the **Messaging** application, tap the **Menu Key**  > **Settings**.

STORAGE SETTINGS

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

Text message limit: Opens a dialog box to set the number of text messages to save per thread.

Multimedia message limit: Opens a dialog box to set the number of multimedia messages to save per thread.

Signature: Opens a dialog box to enter the signature you want to send with your messages. A checkmark appears in the box after you save your signature.

Callback number: Opens a dialog box to enter the callback number you want to send with your messages. A checkmark appears in the box after you save your callback number.

TEXT MESSAGE (SMS) SETTINGS

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

Manage SIM card messages: Opens a dialog box so that you can manage the text messages stored on your SIM card. This only appears when a SIM card is inserted.

Set priority: Opens a dialog box to set the default priority for the text messages that you send.

MULTIMEDIA MESSAGE (MMS) SETTINGS

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

Delivery report allow Checkmark this setting to send a delivery report when it is requested.

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

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

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

Geotagging notification: Checkmark this setting to display a notification pop-up when you are sharing pictures with location information.

Share picture: Opens a dialog box to set whether or not to include location information with your shared pictures.

GROUP CONVERSATION SETTINGS

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

Help: Displays a dialog box with information describing the Group Messaging feature.

NOTIFICATION SETTINGS

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

Notification sound: Opens a dialog box where you can select the sound when you receive a new message notification. This setting is greyed-out when the phone is set to Vibration mode or Silent mode.

Vibrate: Opens a dialog box to set the phone vibration setting when you receive a new message notification. This setting is greyed-out when the phone is set to Silent mode.

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

EMERGENCY ALERT SETTINGS

These are the settings associated with the Commercial Mobile Alert System.

Presidential alert: This setting allows presidential alerts to be always presented. This setting is greyed-out because it cannot be changed.

Extreme alert: Checkmark this setting so that Extreme alerts are always presented.

Severe alert: Checkmark this setting so that Severe alerts are always presented.

AMBER alert: Checkmark this setting so that AMBER alerts are always presented.



Alert reminder: Opens a dialog box to select how often you want to be reminded when notified of an alert.

To change input language and the keyboard layout

From the Home screen, tap **Apps**  > **Settings**  > **Input language & Input**.

OR

While entering text, follow the instructions below.

1. Tap and hold .
2. Tap **Input language & type**.
3. Tap each language to select as one of input languages.
4. Tap  to change the keyboard layout.
5. Tap **QWERTY** keyboard, **Phone** keyboard, **Handwriting**, or **Shape writer**.

Using the QWERTY keyboard

Allow you to write letters with a computer keyboard layout.



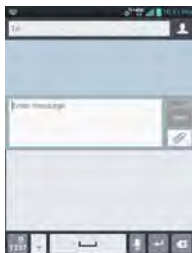
Using the Phone keypad

Allow you to write letter with a phone keyboard layout. Tap each key with the respective letter you want until it is displayed.



Using the Handwriting

Allow you to write letter in a style of writing with a pen or pencil.



Using the Shape writer



The Shape writer uses error correcting algorithms and also includes a predictive text system.



Text Entry Tips using Shape writer

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



- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Tap and hold a key to enter the alternate letter or symbol located at the top right corner of the key.
- Tap the suggested word above the keyboard if you want to change or correct a misspelled word.
- Tap the **Delete Key**  to erase one character. Tap and hold the **Delete Key**  to erase an entire word.

Talk

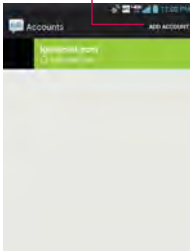
To open Google Talk and sign in

- ▶ From the Home screen, tap **Apps**  > **Talk** .

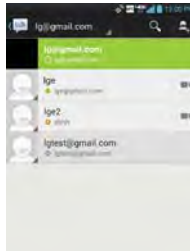
When you first open Google Talk, the Google Talk accounts screen is displayed. Tap your Google Account to sign in to it and display your Friends list.

Your Friends list includes all of the friends you've added by using Google Talk on the web or on the phone.

Tap here to add an account.




Google Talk
Accounts Screen



Google Talk
Friends List

To sign out of Google Talk




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

- ▶ From your Friends list, tap 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, tap **Apps**  > **Talk** .
2. Tap the Google Talk account you want to sign in to.
3. Tap the friend you want to chat with.
4. Enter your message, then tap the **Send** icon  to the right of your Talk text.

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.

- ▶ Tap the name of the person in your Friends list.


OR

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

Options from your Friends list

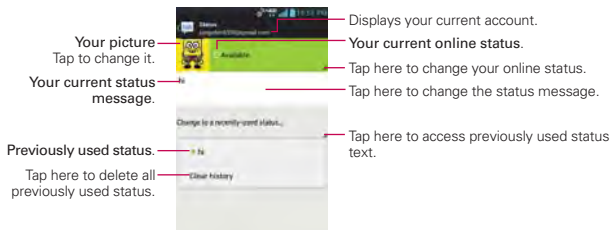
From your Friends list, tap the **Menu Key**  to select **Display options**, **End all chats**, **Sign out**, **Settings**, **Help**, and **Send feedback**.

Options while chatting

While chatting, tap the **Menu Key**  to select **End chat**, **Go off the record**, **Friend info**, **Add to chat**, **Clear chat history**, **Settings**, **Help**, and **Send feedback**.

Changing and Monitoring Online Status

Tap your account at the top of your Friends list to change and monitor your online status.



To change your online status

1. From the Home screen, tap **Apps** > **Talk** (Sign in to your Google Talk account, if necessary.).
2. Tap your account at the top of your Friends list.
3. In the Status screen that opens, tap your current status, then tap the new status you want to set.

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



Status Icons

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

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

To change your status message

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

1. From the Home screen, tap **Apps**  > **Talk**  (Sign in to your Google Talk account, if necessary.).
2. Tap your account at the top of your Friends list.
3. In the Status screen that opens, tap your current status description, then enter the text you want displayed with your status.

NOTE Any status descriptions that you've entered previously are added to your status message list, so you can easily tap one of them to use it in the future without retyping. To clear your list and start over, tap the Recently used status list, then tap **Clear history**.

To change your picture

1. Tap your account at the top of your Friends list.
2. Tap your picture at the top left of the screen.
3. Tap **Select from Gallery** to change to an existing photo, tap **Take with Camera** to take a photo to change to, or tap **Remove** to simply remove it.
 - ▶ Choose an image from your Gallery, crop it as necessary, then tap **OK**.
 - ▶ After taking the picture, select it as your Google Talk photo.



Managing Your Friends List

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

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

To add a friend to your Friends list

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

1. From your Friends list, tap the **Add Friend** icon  in the upper right corner of the screen.
2. Enter your friend's Gmail address then tap the **Done** icon  in the upper right corner of the screen.


To view and accept an invitation to become a friend

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

1. Tap the invitation from either the Status Bar or the Friends list.
2. Tap **Accept** to chat with the contact, or **Cancel** if you don't want to chat with and share your Google Talk status with the sender.

To view all friends or only those most popular with you


By default, only the friends that you frequently chat with (the most popular) are shown in the Friends list. But you can change which friends are listed.


- ▶ In the Friends list, tap the **Menu Key**  > **Display options**.
- ▶ **Availability** displays only your most popular friends who are available to chat.
- ▶ **Name** displays all of your friends.
- ▶ **Recency** displays only your friends you've recently chatted with.

To block a friend

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

1. From the Friends list, tap the friend's name.
If you don't see the friend, tap the **Menu Key**  > **Display options** > **Names**.

2. Tap the **Menu Key**  > **Friend info**, then tap **Block** at the bottom of the screen.

You can view a list of your blocked friends by opening your Friends list and tapping the **Menu Key**  > **Settings**. Tap the Google Account the friend is in, then tap **Blocked friends**. You can unblock a friend by tapping the friend's name in the blocked list then tapping **OK** in the dialog box that opens.

Changing Google Talk Settings

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

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

To show or hide the mobile indicator to friends

1. From the Friends list, tap the **Menu Key**  > **Settings**.

NOTE Each Google Account uses its own settings. If you use more than one Google Account on your device, tap the account you want to modify.

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


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

To set Google Talk to change your status

1. From the Friends list, tap the **Menu Key**  > **Settings**.

NOTE Each Google Account uses its own settings. If you use more than one Google Account on your device, tap the account you want to modify.

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

When **Away when screen off** is checkmarked, your status will automatically be changed to Away  when the screen is turned off.

To configure notifications for new Google Talk messages



From the Friends list, tap the **Menu Key**  > **Settings**.

NOTE Each Google Account uses its own settings. If you use more than one Google Account on your device, tap the account you want to modify.

- ▶ Checkmark **Invitation notifications** to receive a notification in the Status Bar when friend invitation(s) are received.
- ▶ Tap the **IM notifications** (or **Video chat notifications**) setting to set how to be notified when a new chat message arrives.
- ▶ Tap the **Notification ringtone** (or **Video chat ringtone**) setting to set the ringtone when a new chat message arrives.
- ▶ Tap the **Vibrate** setting (in the CHAT NOTIFICATIONS or VOICE & VIDEO CHAT) to set when to vibrate as a notification for new chat messages.

Camera

To open the **Camera** application, from the Home screen, tap **Camera** .

TIP If you've set your phone to use the Swipe unlock method, from the locked screen, simply press the **Power/Lock Key** , then drag **Camera**  upward to open the Camera application.

Getting to know the viewfinder

Shot Mode – Allows you to set how the shot will be taken. Select from the following modes:

- **Normal** - Captures a normal photo shot.
- **Panorama** - Multiple continuous photos are assembled into one single panoramic image. Tap the **Capture** button to start then slowly turn the camera from one side of the scene to the other.
- **Continuous shot** - Six continuous photos are taken, one after another.


Voice Shot – Allows you to say 'Cheese' to take a photo.

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



Mode Switch – Tap to switch between Camera mode and Video mode.


Capture – Tap to take a photo.



Gallery – Accesses your saved photos from within Camera mode. Simply tap this icon and your Gallery will appear on the screen. Tap the **Back Key**  to return to Camera mode.


Settings – Opens the Photo settings menu. See **Photo options** below.

Flash – Allows you to set the Flash mode. Choose from Auto, Off, or On.


Rear camera photo options

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











- **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** : Defines the focus of the shot.

Auto Sets the camera to focus automatically on the object you tap on the screen before tapping the **Capture** icon .


Face tracking Sets the camera to automatically detect and focus on human faces. When set, tapping the screen does not activate the focus box.


- ▶ **Image size** : Defines the resolution for the photo. Choose from 8M(3264x2448), 5M(2560x1920), 3M(2048x1536), and 1M(1280x960).











NOTE The default resolution is 8M (3264x2448).

- ▶ **Scene mode** : Adjusts for better image capture in different environments. Choose from Normal, Portrait, Landscape, Sports, Sunset, and Night.
- ▶ **ISO** : Defines and controls the camera's sensitivity to light. Choose from Auto, 400, 200, and 100.
- ▶ **White balance** : Defines the ambient lighting to improve the color qualities of the photo under different lighting conditions. Choose from Auto, Incandescent, Sunny, Fluorescent, and Cloudy.
- ▶ **Color effect** : Applies artistic effects to pictures. Choose from None, Mono, Sepia, and Negative.
- ▶ **Timer** : Sets a delay timer for the camera. This is ideal if you want to be in the picture. Choose from Off, 3 sec, 5 sec, and 10 sec.
- ▶ **Geotagging** : Sets the camera to add location information to the picture. This is ideal for geotagging purposes. Choose Off and On.
- ▶ **Shutter sound** : Sets the Shutter sound for the Camera. Choose from Off, Tone 1, Tone 2, Tone 3, Tone 4.
- ▶ **Auto review** : Sets the amount of time the shot remains on screen after taking it. Choose from Off, On, 2 sec, and 5 sec.
- ▶ **Reset** : Resets all of the rear camera lens settings back to the default values.
- ▶ **Camera help guide** : Displays information about some useful Camera options.



Front camera photo options

The following options are available when you tap **Settings**  on the viewfinder screen when switched to the front facing camera:

- ▶ **Image size** : Defines the resolution for the photo. Choose 1M(1280x960) or VGA(640x480).

- ▶ **Scene mode**  Adjusts for better image capture in different environments. Choose Normal or Night.
- ▶ **White balance**  Defines the ambient lighting to improve the color qualities of the photo under different lighting conditions. Choose from Auto, Incandescent, Sunny, Fluorescent, and Cloudy.
- ▶ **Color effect**  Applies artistic effects to pictures. Choose from None, Mono, Sepia, and Negative.
- ▶ **Timer**  Sets a delay timer for the camera. Choose from Off, 3 sec, 5 sec, and 10 sec.
- ▶ **Geotagging**  Sets the camera to add location information to the picture. Choose Off or On.
- ▶ **Save as flipped**  Sets the camera to save the image as flipped. When you set to **Save as flipped On**, the image you captured will be saved as a flipped condition. When you set to **Save as flipped Off**, it will be saved as it is.
- ▶ **Shutter sound**  Sets the shutter sound for the camera. Choose from Off, Tone 1, Tone 2, Tone 3, Tone 4.
- ▶ **Auto review**  Sets the amount of time the shot remains on the screen after taking it. Choose from Off, On, 2 sec, and 5 sec.
- ▶ **Reset**  Resets all of the front camera lens settings back to the default values.
- ▶ **Camera help guide**  : Displays information about some useful Camera options.

Taking a quick photo

1. From the Home screen, tap **Camera**  to open the **Camera** application.
2. Hold the phone horizontally and point the lens toward the subject you want to photograph.
3. Tap 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. Tap the **Capture** icon  to take the picture.

Once you've taken the photo

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

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

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

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

Set as Tap to use the image as a **Contact photo**, **Lockscreen Wallpaper**, or **Wallpaper**. Then complete as necessary.



Tap here to delete the image, then tap **OK** to confirm.

Tap here to take another photo immediately. Your current photo will be saved to your **Gallery**.

Tap here to view the **Gallery** of your saved photos beginning with the photo you just took.

Viewing your saved photos

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

- ▶ Slide or flick your finger left or right to scroll through your photos or videos in full size.
- ▶ Tap the screen to display smaller film-like images of your photos across the bottom of the screen, then tap the one you want to view.


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

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





Delete  Tap to delete the photo, then tap **OK**.

Gallery  Tap to access the **Gallery** application.

Camera  Tap to return to Camera mode.




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

You can also tap the **Menu Key**  to open an Options menu that includes the following additional options.

- ▶ **Add location** Tap to set a location tag where the photo was taken.
- ▶ **Set image as** Tap to set the photo as the icon identifying a contact or set it as your phone default Lock screen wallpaper or Home screen wallpaper.
- ▶ **Move** Tap to move the picture to another album or folder.
- ▶ **Rename** Tap to open the keyboard to rename the photo for easy identification.
- ▶ **Rotate left** Tap to rotate the photo counter-clockwise.
- ▶ **Rotate right** Tap to rotate the photo clockwise.
- ▶ **Crop** Tap 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 tap **OK**.
- ▶ **Edit** Tap to edit the photo with a variety of adjustment tools including contrast , effects , color  and other options  to fine tune your photo.
- ▶ **Slideshow** Tap to see your photos played in a slideshow.
- ▶ **Details** Tap 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** application, from the Home screen tap **Apps**  > **Camera** . Tap **Mode Switch**  icon to toggle from Camera mode to Video mode.

Getting to know the viewfinder

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

Zoom – Use the Zoom slider bar to set the zoom level before beginning recording. The **Volume Keys** and the Pinch-to-zoom method will also set the zoom.

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



Mode Switch – Tap to switch between Camera mode and Video mode.

Capture – Tap to start recording video.


Gallery – Accesses your saved photos and videos.


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

Flash – Allows you to set the Flash mode. Choose Off or On.








NOTE The Zoom and Flash settings are not available when using the front camera lens to record video.

Video options








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

- ▶ **Video size**  : Defines the resolution for the video which affects the final file size. Choose from Full HD (1920x1080), Full SHD (1440x1080), HD (1280x720), TV (720x480), VGA (640x480), MMS(QVGA-320x240) and MMS(QCIF-176x144).

When using the front camera lens for recording video, the video size choices are HD (1280x720), TV (720x480), VGA (640x480), MMS (QVGA-320x240), and MMS (QCIF-176x144).

- ▶ **White balance** : Defines the ambient lighting to improve the color qualities of the video 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** : Sets the camera to add location information to the video. This is ideal for geotagging purposes. Choose Off or On.
- ▶ **Audio recording** : Sets the camcorder to record audio with the video. Choose Off or On.
- ▶ **Auto review** : Sets the amount of time the shot remains on the screen after taking it. Choose from Off, On, 2 sec, or 5 sec.
- ▶ **Reset** : Resets all of the settings back to the default values.
- ▶ **Camera help guide** : Displays information about some useful Camera options.

Recording a quick video

1. From the Home screen tap **Apps**  > **Camera**  to open the **Camera** application.
2. Tap the **Mode Switch** icon  to toggle it to Video mode. The camera Mode Switch icon changes to  and the **Capture** icon changes to .
3. The Video camera's viewfinder will appear on the screen.
4. Hold the phone horizontally and point the lens toward the subject of the video.
5. Tap the **Capture** icon  once to start recording.
6. The record dot at the upper left corner of the viewfinder turns red and the video length timer begins counting.
7. Tap the **Stop** icon  on the screen to stop recording.

After recording a video

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

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

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

Play Tap to play the video you just recorded.

Share Tap to share your video using **Backup Assistant Plus**, **Bluetooth**, **Email**, **Gmail**, **Google+**, **Messaging** or **YouTube** any other application you've downloaded that supports this feature.



Tap here to delete the video you just recorded, and confirm by tapping **OK**. The viewfinder will reappear.

Tap here to record another video right away. Your current video will be saved in your Gallery.

Tap here to view the Gallery of your saved videos beginning with the video you just recorded.

Watching your saved videos

1. In the viewfinder, tap the image thumbnail in the lower right corner of the Camera screen.
2. Your video will appear on the screen.
3. Tap the **Play** icon to play it automatically.

Your Photos and Videos

Adjusting the volume when viewing a video

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

Setting a photo as wallpaper

1. From the Home Screen, tap **Apps** > **Gallery** and tap the photo you want to set as wallpaper to open it.
2. Tap the **Menu Key** > **Set image as** > **Wallpaper**.
3. Crop the photo, if necessary, then tap **OK**.

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, tap **Apps**  > **Gallery** .

OR

- ▶ Open Gallery from the **Camera** application by tapping the thumbnail image in the lower right corner of the screen.



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

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

Working with Albums

Albums are groups of images and videos in folders stored in your phone's internal memory, Backup Assistant+ album, and in Picasa web albums.



To open an album and view its contents

- ▶ From the Home screen, tap **Apps**  > **Gallery**  and tap the album whose contents you want to view.





To share an album

You can share the entire contents of an album.

1. From the Home screen, tap **Apps**  > **Gallery** .
2. Tap and hold the album you want to share.
3. Tap **Share** in the Context menu that appears, then tap the application you would like to use to share the selected albums.
4. Enter the necessary information and share it.

To delete an album



You can delete an album and its contents from your phone's internal memory.

1. From the Home screen, tap **Apps**  > **Gallery** .
2. Tap and hold the album you want to delete.
3. Tap **Delete** in the Context menu that appears, then tap **OK** to confirm you want to delete it.


Working with Pictures

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



To view and browse pictures

1. From the Home screen, tap **Apps**  > **Gallery** .
2. Open an album, then tap a picture.




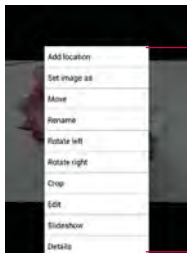
- ▶ Turn the phone to view the picture in vertical (portrait) or horizontal (landscape) orientation. The picture is displayed (but not saved) in the new orientation.
- ▶ Tap the picture to view navigation, and other control icons. A horizontal band of all of the pictures in the album is displayed across the bottom of the screen. Swipe left and right along this band, then you can tap an image to view it in full size.
- ▶ To zoom, use the pinch-to-zoom method, or just double-tap the screen.
- ▶ When the picture is zoomed in, you can drag the picture to view parts that are not in view.
- ▶ When the picture is zoomed to fit in the window, swipe left or right to view the next or previous picture in the album.
- ▶ Tap the **Menu Key**  to access **Add location**, **Set image as**, **Move**, **Rename**, **Rotate left**, **Rotate right**, **Crop**, **Edit**, **Slideshow**, and **Details**.

To watch a slideshow of your pictures

- ▶ While viewing a picture, tap the **Menu Key**  > **Slideshow**.
- ▶ Tap the screen, or tap the **Back Key** , to end the slideshow.

To rotate a picture

1. Open an album, then tap a picture you want to rotate.
2. Tap the **Menu Key**  to open an Options menu of tools for working with the picture.




Tap here to access **Add location**, **Set image as**, **Move**, **Rename**, **Rotate left**, **Rotate right**, **Crop**, **Edit**, **Slideshow**, or **Details**.

3. Tap **Rotate left** or **Rotate right**.

The picture is saved with the new orientation.

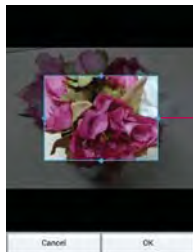
To crop a picture

You can crop and save pictures that are stored in your phone's internal memory.

1. Open an album, then tap the picture you want to crop.
2. Tap the **Menu Key**  to open an Options menu of tools for working with the picture.
3. Tap **Crop**.

The cropping box appears on top of the picture.


4. Use the cropping box to select the portion of the picture to keep; the rest of the photo will be discarded.
 - ▶ Drag from the inside of the cropping box to move it.
 - ▶ Drag an edge of the cropping box to resize it to any proportion.
 - ▶ Drag a corner of the cropping box to resize it with fixed proportions.



Crop box
Adjust the placement and size of the crop box.


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

To get details about a picture

1. Open an album, then tap the picture you want.
2. Tap the **Menu Key**  to open an Options menu of tools for working with the picture.
3. Tap **Details**.





To delete a picture

You can delete a picture from your phone's internal memory.

1. Open an album, then tap the picture you want to delete.
2. Tap the **Delete** icon  in the upper right corner of the screen, then tap **OK** in the dialog box that opens.

To Work with Batches of Pictures or Videos

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

1. From the Home screen, tap **Apps**  > **Gallery** .
2. Open the album that contains the pictures and videos you want to work with as a batch.
3. Tap the **Share** icon  or the **Delete** icon  at the top right corner of the screen. After you have checkmarked all of the files you want, tap the **Share** button or the **Delete** button at the bottom of the screen.
4. Tap the pictures you want to work with to checkmark them. Tap a checkmarked item to remove the checkmark.

You can checkmark all of the items or remove all of the checkmarks, by tapping **Select all** in the upper left corner of the screen.

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 tap a video.
The video plays in the orientation you recorded it in.



- ▶ Tap 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 a Bluetooth device. You even have the option to share your videos publicly by uploading them to the YouTube™ website.




1. From the Home screen, tap **Apps**  > **Gallery** , then tap an album.
2. While viewing an album, tap the **Share** Icon  at the top right corner of the screen.
3. Tap to checkmark the video(s) you want to share, then tap **Share**.

NOTE You can select multiple video files to share all at once.

4. In the dialog box that opens, tap the application you want to use to share the selected video, then enter the necessary information and share it.

NOTE Tap and hold a video file to share a single video. Tap **Share**, then select your method for sharing the file in the Context menu that appears.



To delete a video

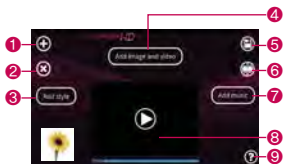
1. From the Home screen, tap **Apps**  > **Gallery** , then tap an album.
2. While viewing an album, tap the **Delete** icon  in the upper right corner of the screen.
3. Tap to checkmark the video(s) you want to delete.
4. Tap **Delete** at the bottom of the screen.
5. Tap **OK** in the dialog box that opens.




Video Wiz










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

NOTE The first time you open the **Video Wiz** application, the help screens are displayed. Tap the **X** in the upper right corner of the screen to exit from the help screens.

1. From the Home screen, tap **Apps**  > **Video Wiz** .
2. Select the desired options to create a movie.



- 1 **Add Media**  Tap this icon add images and/or video to your movie.
 - ▶ Tap the **Images** button to add images, then tap the image(s) you want to add.
 - ▶ Tap the **Videos** button to add video footage, then tap the video(s) you want to add.
 - ▶ Tap the **Done** icon  to exit after all of the media files have been added.
- 2 **Delete Media**  Tap this icon to remove image(s) and/or video(s).

- ▶ Tap an image or video in the added media contents section, tap **Delete Media** , then tap **Delete selected** (or **Delete all files**).
- 3 **Add style** Tap this button to select the desired movie style.
 - ▶ Tap the up or down arrow to scroll through and select the style you want.
- 4 **Add image/video** This is displayed as a button before images and video footage are added. Otherwise, this section of the screen displays all of the selected image(s) and/or video(s) for your movie.
 - ▶ Tap the button to add files for your movie.
 - ▶ Swipe left and right to scroll through all of the files you've added.
- 5 **Save**  Tap this icon to save the movie file.
- 6 **Edit**  Tap this icon to edit the movie file.
 - ▶ Swipe left and right to select the footage to edit.
 - ▶ Tap the **Overlay Text** icon  to insert text.
 - ▶ Tap the **Overlay Image** icon  to insert selected graphic(s).
 - ▶ Tap the **Trim Video** icon  to trim segments from your video footage.
 - ▶ Tap the **Done** icon  to exit when you're finished editing.
- 7 **Add music** Tap this button to set the background music.
- 8 **Preview**  Tap this icon to play your movie.
- 9 **Help**  Tap this icon to view information on how to use the **Video Wiz** application.

Play Store™

Opening Google Play Store and Finding Applications

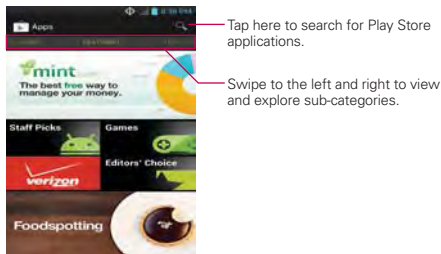
Open the **Google Play Store** application to browse and search for free and paid applications.

NOTE You must subscribe to Google and have an account to access the Play Store.

To open the Google Play Store application


- ▶ From the Home screen, tap **Apps**  > **Play Store**  or tap the **Play Store** icon  from the Home screen.

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



To get help with Google Play Store

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

- ▶ Tap the **Menu Key**  > **Help**.

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

To open a screen with details about an application

- ▶ At any time while browsing through the Google Play Store, tap an application to open its details screen.

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

To return to the Google Play Store homepage

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

- ▶ Tap the **Play Store icon**  in the upper left corner of the screen.

Downloading and Installing Applications

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

To download and install an application

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

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

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



The price is indicated here.

2. Tap **Price** (for paid applications) or **Install** (for free applications). The screen will display what the application can access, such as your data and device functions, if you continue with the download.

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, tap **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 tapping **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 tap the notification to open the application or open it by tapping its icon in the Applications screen.

If you have another Android™ phone, you can download a paid application to that phone using the same Google 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 the Google 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 the Google Play Store, you're prompted to enter your billing information to set up a Google Checkout account.

WARNING!

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

Music

Transferring Music Files to Your Phone

The **Music Player** application plays audio files that are stored in your phone's internal memory. Copy audio files from your computer into your phone's internal memory 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

1. Connect the phone to your computer with a USB Cable. If the default connection mode is not set to **Media sync (MTP)/Camera (PTP)** mode, open the Notifications panel and tap **USB connection type > Media sync (MTP)/Camera (PTP)**. 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 in your phone's internal memory.
2. Use the computer to copy music and other audio files into the folder that you created in your phone's internal memory.
 - ▶ You can use subfolders in your phone's internal memory to organize your music files or you can simply copy the audio files to the music folder you created in your phone's internal memory.
3. Open the Notifications panel and tap **USB connection type > Charge only**. Then disconnect the USB Cable from the phone.

Opening the Music Player and Working with Your Library

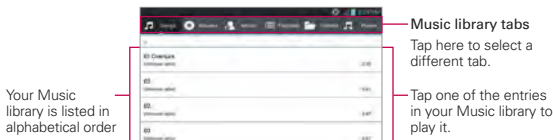
After you've copied some music into your phone's internal memory, you can open the **Music Player** application and view your library of music files. Your music files are sorted and displayed based on the Music tab you select.


To open the Music Player and view your music library

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


The **Music Player** application searches your phone for music files you copied into it, 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.

When the catalog is complete, the Music library screen opens with tabs across the top of the screen that you can tap 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 tapping the **Menu Key**  > **Library**.

To search for music in your library

1. Open the main Library screen then tap 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. Tap a matching song to play it or tap a matching album or artist to view a list of associated songs.

To delete a song from your phone's internal memory

You can delete music from your phone's internal memory.

- ▶ Tap and hold a song in a Library list. In the Context menu that opens, tap **Delete**.

OR

- ▶ On the Playback screen, tap the **Menu Key**  > **Delete**.

You can also delete music files from your phone's internal memory when your phone is connected to the computer. To do this, browse for the music files you want to delete and delete them from the folder.


Playing Music

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

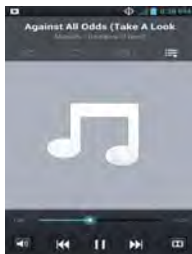
To play music

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

OR

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

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












You can return to the Playback screen from most other screens in the **Music Player** application by tapping 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 tapping the ongoing music notification.

To control playback

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

	Tap to pause playback.
	Tap to resume playback.
	Tap to skip to the next track in the album, playlist, or shuffle. Tap and hold to fast forward.
	Tap to restart the current track or skip to the previous track in the album, playlist, or shuffle. Tap and hold to rewind.
	Tap to open the current playlist.
	Tap to show lyrics on the album image. A song having lyrics activates this icon, while a song without lyrics deactivates the icon.
	Tap to play the current playlist in shuffle mode (tracks are played in random order).
	Tap to set repeat mode to repeat all songs, repeat current song, or repeat off.
	Tap to set the Dolby Mobile setting, which enhances your music listening experience when listening with a connected headset.



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 phone's internal memory in random order until Party shuffle is turned off.

- ▶ In a Library screen, tap the **Menu Key**  > **Party shuffle**.
The **Music Player** application creates a playlist of tracks selected randomly from your phone's internal memory and starts playing them.
- ▶ View the current playlist that Party Shuffle is playing by tapping the **Playlist icon**  on the Playback screen.
- ▶ Add a track to the end of the Party Shuffle playlist by tapping and holding the name of a track in your library. In the Context menu that opens, tap **Add to playlist** > **Current playlist**.
- ▶ To stop Party Shuffle, tap the **Menu Key**  > **Party shuffle off**.

To customize settings in the Playback or a Library screen

Tap the **Menu Key**  > **Settings** while viewing a Playback screen or a Library screen.

- ▶ **Show notification** Shows the controller on the Notifications panel.
- ▶ **Sleep timer** Turns off the Music Player automatically. Select from the following: **Off**, **After 10 minutes**, **After 20 minutes**, **After 30 minutes**, **After 1 hour**, **After 2 hours**
- ▶ **Dolby Mobile** Applies the following sound effect (Dolby) options: **Off**, **Neutral**, **Expansive**, **Bass Boost**, **Treble Boost**, **Vocal Boost**.

NOTE Dolby Mobile is only available when an ear jack is plugged in.

To use a song as a ringtone

You can set a song to be used as your phone ringtone in place of one of the ringtones that come with the phone.

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

OR


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

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


Working with Playlists

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

To create a playlist

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






To add a song to a playlist

1. From the Music Player Library, tap the **Playlists** tab.
2. Tap and hold the name of the song you want to add and tap **Add to playlist**. You can also add the song that is playing in the Playback screen to a playlist by tapping the **Menu Key**  > **Add to playlist**.
3. Select the playlist you want to add the song to.

To remove a song from a playlist

1. Open a playlist.
2. Tap and hold the song you want to remove then tap **Remove from playlist** in the Context menu that opens.

To play music in the background while accessing other applications

1. From the Home screen, tap **Apps**  > **Music Player** .
2. Tap a song in your library to listen to it.
3. Tap the **Menu Key**  > **Settings** and checkmark the **Show notification** option so that the music controller is displayed on the Notifications panel.
4. Tap **Home Key** .
5. Tap **Apps**  and tap the application you want to access.

Then, you can listen to music in the background while you access other applications. To control the music, slide the Status Bar down to display the Notifications panel. Here you will see the music controller menu where you can control music playback.

To delete or rename a playlist



1. Open the Playlist library.
2. Tap and hold the playlist you want, then tap **Delete** or **Rename** in the Context menu that opens.

Video Player

You can play a wide variety of videos using the Video Player.










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


To open the Video Player application

1. From the Home screen, tap **Apps**  > **Video Player** .
2. Tap the video you want to play.

Playback controls



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

	Pause playback.
	Play a video file.
	Tap to fast-forward the playback about 10 seconds. Tap and hold to fast-forward the playback in 3 second increments.
	Tap to rewind the playback about 10 seconds. Tap and hold to rewind the playback in 3 second increments.
	Tap to set the Dolby Mobile setting, which enhances your music listening experience while you are using a headset.
	Tap to display a slider bar to increase or decrease the media volume.
	Tap to lock the Video Player screen so that the video playback controls are not displayed when the screen is tapped. To unlock it, tap the screen, then tap the Lock icon  in the upper right corner of the screen.
	Allows you to share via SmartShare.

NOTE You can also flip the device over to pause the video playback. This is only available when the **Pause video** option is checkmarked in the Gesture settings. Tap the screen to redisplay the playback controls, then tap **Play**  to resume playback.

Video Player list options

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

- ▶ **Details** Tap and hold a Video Player entry in the list and tap **Details**.
- ▶ **Delete** Tap the  of title bar in the upper right corner of the screen, then checkmark each video to delete. When all files to be deleted have been checkmarked, tap **Delete > OK** to confirm.
- ▶ **DivX HD** Tap the  at the top of the screen. Register DivX before using this video on demand feature.

YouTube™

Opening YouTube and Watching Videos

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

To open the YouTube application

- ▶ From the Home screen, tap **Apps**  > **YouTube** .


Tap a video to watch it or tap the **Menu Key**  for other YouTube options.



To watch and interact with YouTube videos




- ▶ Tap a video to play it.



- ▶ Tap 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.
- ▶ Tap the **Back Key**  to stop playback and return to the videos list.

For details about these features, visit the YouTube website.




To search for videos

1. Tap the **Search** icon  in the upper right corner of the screen.
2. Enter the text to search for or tap the **Microphone** icon  to search by voice.
3. Tap a suggestion below the search box or tap the **Search** icon  in the lower right corner of the keyboard.
4. Scroll through the search results and tap a video to watch it.

To share your videos on YouTube

You can share a prerecorded video using the **YouTube** application. First, you must create a YouTube account and sign into it on your phone.





You can also share the videos you record with the **Camera** application by uploading them to the YouTube site.

6. Tap the **Record video** icon  at the top right of the main YouTube screen.
7. If you want to set any configurations manually, tap the screen to open the video camera settings.
8. Point the lens to frame the scene where you want to start.
9. Tap the **Record** icon  to start recording.
10. Tap the **Stop** icon  to stop recording.
11. Tap the **OK** icon and sign in to your YouTube account.
12. Enter a title, description, and tags for your video.
13. If you want to share the video with everyone, tap the **Privacy** field and then tap **Public**. If not, tap **Private** or **Unlisted**.
14. Tap **Upload**.




Voice Recorder


The **Voice Recorder** application records audible files for you to use in a variety of ways. Use your recordings to simply remind you about something you don't want to forget (like a grocery list) or record sound effects that you can attach to a message or set as a ringtone for calls.

Record a Voice Memo




1. From the Home screen, tap **Apps**  > **Voice Recorder** .
2. Tap **Record**  at the bottom center of the screen to start recording.
3. Speak into the microphone.
4. When you're finished, tap **Stop**  at the bottom right of the screen.

The recording is automatically saved to your recordings list.

- ▶ Tap **Play**  at the bottom center of the screen to listen to your recording.
- ▶ Tap **List**  at the bottom left of the screen to view your list of recordings.
- ▶ Tap the **Back Key**  to return the Voice Record screen.







NOTE Tap the **Microphone** icon  in the upper right corner of the Voice Record screen to set the audio file size mode. Tapping the icon toggles between **MMS mode** and **General mode**.

Play a Voice Memo

1. From the Home screen, tap **Apps**  > **Voice Recorder** .
2. Tap **List**  at the bottom left of the screen.
3. Tap the voice memo you want to play.

NOTE You can also tap and hold an audio file in the list to select **Details**, **Share**, **Delete**, or **Rename** in the Context menu that opens.

Managing your Voice Memos

1. From the Home screen, tap **Apps**  > **Voice Recorder** .
2. Tap **List**  at the bottom left of the screen.
 - ▶ Tap the **New** icon  at the top right of the screen to record a new audio file.
 - ▶ Tap the **Share** icon  at the top right of the screen to share voice memo(s). Checkmark the voice memo(s) to share, then tap the **Share** button at the bottom of the screen. Tap how you want to share it using Backup Assistant+, Bluetooth, Email, Gmail, Messaging, Richnote, or other compatible applications you have downloaded.
 - ▶ Tap the **Delete** icon  in the upper right corner of the screen to delete voice memo(s). Checkmark the voice memo(s) to delete, then tap **Delete** > **OK** in the Context menu that opens.


Notebook

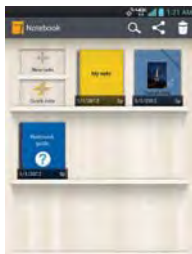
Notebook allows you to make your own notes using handwriting tools or attaching preferred multimedia files. With the Notebook application, you can manage and personalize a wide variety of information.

To open the Notebook application

- ▶ From the Home screen, tap **Apps**  > **Notebook** .

OR

- ▶ From the Home screen, tap **Notebook** .

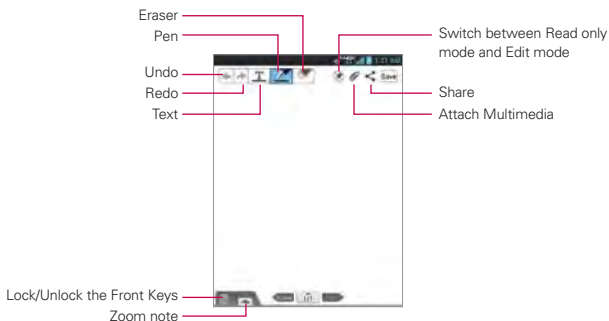


To make and decorate a notebook

1. Open the **Notebook** application.
2. Tap **New note** or **Quick note** to create a note.
 - If you chose **New note**, select the desired cover, paper, paper color, and enter the title for the notebook. Then tap **OK**.



3. Make or create a note using the available tools.



- ▶ **Undo/Redo** : Allows you to undo or redo recent edits.
- ▶ **Text** : Select **Type**, **Size**, and **Color** of the text.
- ▶ **Pen** : Select **Pen type**, **Thickness**, **Opacity**, and **Color**.
- ▶ **Eraser** : Allows you to delete any edits you've made. Tap **Clear all** to delete all of the edits.
- ▶ **Read only mode/Edit mode** : Switch between **Read only mode** and **Edit mode**. You are allowed to read only in the **Read only mode**.
- ▶ **Attach** : Allow you to attach multimedia file from **Picture**, **Capture picture**, **Video**, **Capture video**, **Audio**, **Record voice**, **Location**, **Sticker**, or **Date and time**.
- ▶ **Share** : Share as **Image** via **Gmail**, **Email**, **Social+**, **Bluetooth**, **Backup Assistant+**, **Color**, **Messaging**, **Picasa**, **Google+**, or **Richnote**. Share as **Text** and image via **Email**, or **Gmail**.
- ▶ **Lock/Unlock the Front Keys** : Allows you to lock and unlock the front touch keys at the bottom of the device.
- ▶ **Zoom note** : Allow you to put notes that can be zoomed in and out. Front key will be automatically locked at this mode.

4. Tap to save the note.

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 or a new account you created.

To open the Calendar application

- ▶ From the Home screen, tap **Apps**  > **Calendar** .

Events from each account you've added to your phone and configured to synchronize calendars is displayed in your **Calendar** application.

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.

- ▶ Tap the date in the upper left corner of the screen to display a drop-down menu of calendar views. Tap **Day**, **Week**, **Month**, or **Agenda**.

Each view displays the events in your calendar for the period of time specified.

- ▶ Tap the **Week** tab, the **Day** tab, or the **Agenda** tab below the calendar.
- ▶ To view more information about an event in the Agenda, Day, or Week view, tap the event.
- ▶ To view the events of a day in Month view, tap a day. The event will be displayed below the calendar. Tap the event to view its details.

Dual Calendar Views

There is a  at the top center of the screen in Day, Week, and Agenda view. It allows you to open the Month view calendar at the top of the screen and another calendar view at the bottom. Simply drag the calendar handle all the way down the screen to open the month calendar above the currently selected calendar type. Drag it all the way back up to close it.

You can also view a single week of the Month view. Drag the handle slightly downward if the Month view is hidden or, when it's open, stop the upward drag motion before you reach the top. While viewing a single week in the Month view, you can swipe up or down to display the previous or next week. Swipe the left or right to view previous or subsequent months.

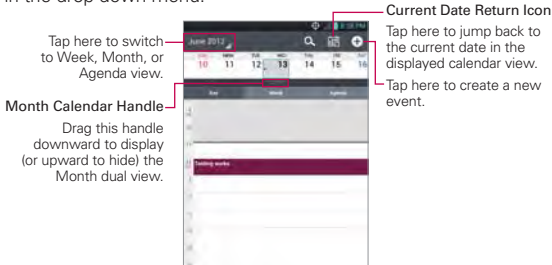
Working in Day View

Day view displays a list of the events of one day, in a table of one-hour rows. The current time will be designated as a horizontal black line. If it's a day of commemoration (e.g., a holiday) it is listed in blue at the top of the screen. All-day and multi-day events are displayed at the top of the screen before the time slots. 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


- ▶ Tap the date in the upper left corner above the calendar, then tap **Day** in the drop-down menu.



To learn more about events in Day view

- ▶ Tap an event to view its details.

To add an event in Day view

- ▶ Tap and hold an empty spot or an event in the day to open a Context menu, then tap **New event**  to create a new event at that time.

OR

- ▶ Tap  and select the calendar you want to use (if applicable).

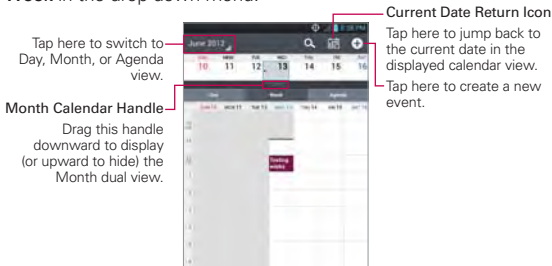
NOTE You can create a new event in the same time slot allowing you to juggle multiple events within the same timeframe.

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 of the screen. To view other weeks, simply swipe left to see future weeks and right to see past weeks.

To switch to Week view

- ▶ Tap the date in the upper left corner above the calendar, then tap **Week** in the drop-down menu.



To learn more about events in Week view

- ▶ Tap an event to view its details.

To add an event in Week view

- ▶ Tap and hold an empty spot or an event in the week to open a Context menu, then tap **New event** to create a new event at that time.

OR

- ▶ Tap  and select the calendar you want to use (if applicable).

NOTE You can create a new event in the same time slot allowing you to juggle multiple events within the same timeframe.

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

- ▶ Tap the date in the upper left corner above the calendar, then tap **Month** in the drop-down menu.



To view more information about events in Month view

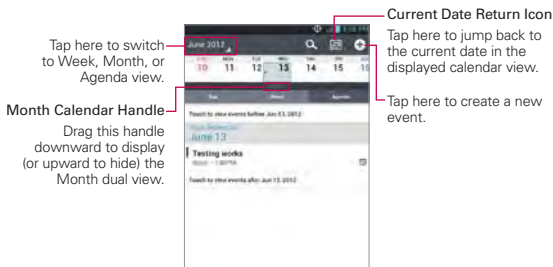
- ▶ Tap a day to display the events below the calendar. You can then tap the event to view more information about it.

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, tap **Touch to view events before** at the top of your Agenda list. To show later Agenda events tap **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

- ▶ Tap the date in the upper left corner above the calendar, then tap **Agenda** in the drop-down menu.



To learn more about events in Agenda view

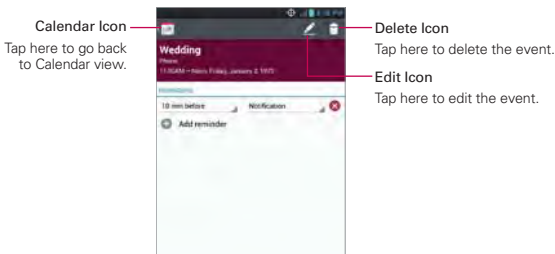
- ▶ Tap an event to view its details.



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, tap an event to view its details.
- ▶ In Month view, tap a day to display the events below the calendar. Then tap an event to view its details.




If you have permission to change the event, you can tap the **Edit** icon  (at the top right of the screen) to edit the event or tap the **Delete** icon  (in the upper right corner of the screen) to delete the event.


To share an event, tap the **Menu Key** , then tap **Share** in the Options menu that opens. 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. Tap an event to view its details.
2. If no reminder is set, tap the **Add reminder** icon  to automatically add a reminder for 10 minutes before the event.


If a reminder is already set, tap the **Add reminder** icon  to set more reminders for the event.

3. Tap the **Time** field that is displayed, to set the length of time before the event that you want to be reminded of it. Tap the **Notification** field that is displayed to set how you want to be reminded.

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. Tap an event to view its details.
2. Tap the **Remove reminder** icon  next to the reminder field for the reminder you want to delete.

Tasks


The **Tasks** application allows you to create a list of tasks to keep track of outstanding items and remind you when due dates approach. Your list of tasks can be synchronized with your MS Exchange account. You can create a task, revise it, and delete it using the Tasks application on your phone or in MS Outlook or MS Office Outlook Web Access on your computer.

To open and use your Tasks list

1. From the Home screen, tap **Apps**  > **Tasks** .
2. Create a new task.



- ▶ Tap the **New task** field at the bottom of the screen, enter the task, then tap the **Done** icon  in the lower right corner of the screen.

NOTE Creating a task using the **New task** field simply creates the task without any details. To enter detail information, edit the task.




- ▶ Tap the **New task** icon  in the upper right corner of the screen, enter the task fields, then tap the **Save** button at the bottom of the screen.





NOTE If you haven't set up your MS Exchange account to sync, you will see a message about syncing your device with your account.

To Synchronize with your MS Exchange account





1. From the Home screen, tap **Apps**  > **Settings** .
2. Tap **Accounts & sync** > **ADD ACCOUNT**.
3. Tap **Microsoft Exchange** to enter (or create) your email address and password.
4. Checkmark the **Sync Tasks** checkbox.

To edit a task

1. From the Home screen, tap **Apps**  > **Tasks** .
2. Tap a task in the list.
3. Tap the **Edit** icon  at the top right of the screen, edit the details as necessary, then tap the **Save** button at the bottom of the screen.




- ▶ **Task** Tap to enter the task to be done.
- ▶ **Start date** Tap to set the start date, then tap **OK**. Tap the **Remove** icon  to remove the start date.
- ▶ **Due date** Tap to set the due date, then tap **OK**. Tap the **Remove** icon  to remove the due date.
- ▶ **Description** Tap to enter a description for the task, then tap the **Back** Key  to return to the task details screen.
- ▶ **Priority** Tap to set the priority level for the task.
- ▶ **Repeat** Tap to set if, and how, the task needs to be repeated.
- ▶ **Add reminder** Tap this icon first, then tap the date to set the due date and tap the time to set the time to activate the task reminder. Tap the **Remove** icon  to remove the reminder.

Monitoring your tasks and using your tasks list

1. From the Home screen, tap **Apps**  > **Tasks** .
 - ▶ Tap and hold a task in the list to select **Edit**, **Delete**, or **Share**.
 - ▶ Tap the **Tasks displayed** drop-down menu  at the top left of the screen, to select **All tasks**, **Overdue tasks**, or **Due today tasks**.
 - ▶ Tap the **Menu Key**  to select **Sort by**, **Accounts to display**, **Import/Export**, or **Settings**.

NOTE The Tasks settings include **Set default account**, **Hide completed task**, **Notifications**, **Notification sound**, **Vibrate**, and **Pop-up notification**.

To delete a task

1. From the Home screen, tap **Apps**  > **Tasks** .
2. Tap a task in the list.
3. Tap the **Delete** icon  and confirm.

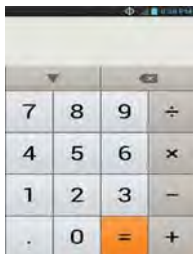
Calculator

The **Calculator** application allows you to perform simple mathematical calculations.

To open and use the Calculator





- ▶ From the Home screen, tap **Apps**  > **Calculator** .

Basic Panel



Advanced Panel




- ▶ Enter numbers and arithmetic operators on the Basic panel.
- ▶ Swipe the Basic panel to the left to open the Advanced panel, then swipe to the right to go back to the Basic panel.
- ▶ Tap the **Delete Key**  to delete the last number or operator you entered. Tap and hold the **Delete Key**  to delete all of the entered information.
- ▶ Tap the **Menu Key**  to open an Options menu to clear your calculation(s) history or change panels between Advanced and Basic.
- ▶ Tap  to view your calculator history. You can tap an entry to calculate it again or edit it.


Alarm/Clock

You use the **Alarm/Clock** application to access the Alarms, Timer, World clock, and Stopwatch functions. These functions are accessed by tapping the tabs across the top of the screen.



To open the Alarm/Clock application

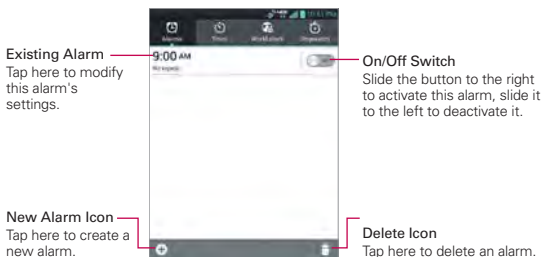
- ▶ From the Home screen, tap **Apps**  > **Alarm/Clock** .

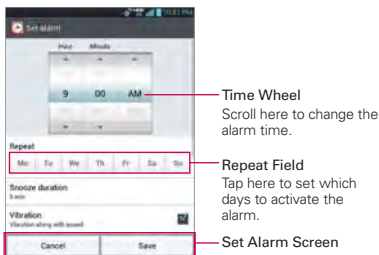
Setting Alarms

The **Alarms** function allows you to set varying alarm clocks. You can set an alarm by modifying an existing alarm or by adding a new one. After you've created one or more alarms, you can easily activate or deactivate an alarm using slide the button on the **On/Off** switch . Slide it to the right to turn it on and to the left to turn it off.

To set an alarm

1. Open the **Alarm/Clock** application, then tap the **Alarms** tab  in the upper left corner of the screen.
2. Tap the **New alarm** icon  in the lower left corner of the screen, or tap an existing alarm to modify it.





3. Scroll the time wheel to set the alarm time (**Hour** and **Minute**) and the time of day (**AM** or **PM**)
4. Tap the day(s) when you want the alarm to sound in the **Repeat** field. If you don't tap the Repeat setting, the alarm sounds only the one day you set it.
5. Tap **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.
6. Tap **Vibration** to checkmark the setting and have the phone vibrate, in addition to playing the alarm sound.
7. Tap **Alarm sound** to select a sound (e.g., ringtone) for the alarm, then tap **OK**. The ringtone plays briefly when you select it.
8. Slide the button on the **Alarm volume** slider to the right to increase the alarm volume and to the left to decrease it.
9. Tap **Puzzle lock** to checkmark the setting, which requires you to wake up enough to solve a simple puzzle to dismiss the alarm.
10. Tap **Memo** to enter information about the alarm. For example, to identify when to use it (e.g., class day).
11. When you're finished, tap the **Save** button.


When the alarm sounds

- ▶ Tap **Stop** or, if set, or use the gesture feature of simply flipping the device over to stop the alarm.
- ▶ Tap **Snooze** to stop the alarm for the snooze duration you set.

NOTE If **Puzzle lock** is set to On, using the gesture feature of flipping the device over will snooze the alarm instead of turning it off.



Setting the Timer

The **Timer** function can be used to alert you with an audible signal when a set amount of time has passed.




1. Open the **Alarm/Clock** application, then tap the **Timer** tab .
2. Set the time by scrolling the Hour, Minute and/or Second on the time wheel.
3. Tap **Vibration** to checkmark the setting and have the phone vibrate when the set time expires.
4. Tap **Alert sound** to select an alert sound for the timer, then tap **OK**.
5. Tap **Start** at the bottom of the screen to begin the time countdown.
6. Once the alarm sounds, tap **Stop** to stop the timer.

Setting the World Clock

The **World clock** function 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, then tap the **World clock** tab .
2. Tap the **New City** icon  in the lower of the screen to search through the available cities for the one you want.

Managing the World Clock Cities

- ▶ Tap the **New city** icon  in the lower of the screen to select another city for your list.
- ▶ Tap the **Delete** icon  in the lower right corner of the screen, then checkmark one or more cities to delete from your list.
- ▶ Tap the **Menu Key**  > **Delete all** > **OK** to remove all cities from your list.
- ▶ Tap and hold an entry in the list to open a Context menu to select **Set daylight saving** (Daylight Savings Time) or **Delete**.



Using the Stopwatch

The **Stopwatch** function allows you to use your phone as a Stopwatch.

1. Open the **Alarm/Clock** application, then tap the **Stopwatch** tab .
2. Tap **Start** at the bottom of the screen to start timing and tap **Stop** to stop the time.
You can use the Lap function by tapping the white **Lap** icon to record lap times.
3. Tap **Reset** icon to reset the Stopwatch or **Resume** icon to continue monitoring time.

Polaris® Office

The **Polaris Office 3.0** application is a professional Mobile Office Solution which enables users to conveniently view, create, or edit various types of office documents including Word, Excel, and PowerPoint file extensions anywhere, anytime, using their mobile device.

To access this application, from the Home screen tap **Apps**  > **Polaris Office** .

Managing Files

Polaris Office 3.0 provides mobile users with the convenience of managing files including copying, moving, and deleting files and folders right on the device. Local folders are displayed on the main screen for easy access and file selection.

Viewing Files

Mobile users now have the convenience of being able to view a wide variety of file types including Microsoft Office documents, Adobe PDF, and images right on their mobile device. When viewing these documents using Polaris Office 3.0, the objects and layout remain unchanged from their original documents.





Editing Microsoft Office Files

Mobile users also have the convenience of being able to create, edit, and save Word, Excel, and PowerPoint documents on their mobile device. Saved documents generated or modified using Polaris Office 3.0, are not distorted from the originals.

FileShare

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




The **FileShare** application allows you to share files from your phone.

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

The **SmartShare** application 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. A separate accessory purchase of an MHL(Mobile High-definition Link) adapter is needed to perform this function.

To turn SmartShare on and allow content sharing






1. To access this application, from the Home screen, tap **Apps**  > **SmartShare** .
2. Tap the **Menu Key**  > **Settings**.
3. Tap **Discoverable** to checkmark it which enables your device to be detected by other devices.
 - ▶ Checkmark **Always accept request** 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.

4. Under the **My shared contents** section, tap to checkmark the types of content you would like to share. Choose from **Pictures**, **Videos**, and **Music**.
5. **SmartShare** is now activated and ready to share 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 is properly configured (e.g., TV and PC).

1. From the Home screen, tap **Apps**  > **SmartShare** .
2. Tap the **To device** icon  in the upper right of the screen, then tap the device you want to use from the renderer device list.
3. Tap the **From device** icon  at the top left of the screen, then tap the device that has your remote content library.
4. You can browse through the content library to find the content(s) you want.
5. Tap and hold a content thumbnail and tap **Play** or tap 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 pictures or videos using the **Gallery** application, tap one of the icons  /  /  in the Title bar of the Gallery application.
 -  : 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.
2. Select the device from the renderer device list to play the file(s).

NOTE The Video Player uses similar steps to share contents.




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, tap **Apps**  > **SmartShare** .
2. Tap the **From device** icon  in the upper left of the screen, then tap the device that has your remote content library.
3. You can browse through the content library to find the content(s) you want.
4. Tap and hold a content thumbnail, then tap **Download** in the Context menu.

NOTICE Some content types are not supported.

To upload contents from the remote content library

1. From the Home screen, tap **Apps**  > **SmartShare** .
2. Tap the **From device** 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. Tap and hold a content thumbnail, then tap **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.

Settings

The **Settings** application contains most of the tools for customizing and configuring your phone. All of the settings in the **Settings** application are described in this section. For settings specific to the **Browser** application, see the Browser section, and for settings specific to your Google Account(s), see the Gmail section.

To open the Settings application

- ▶ From the Home screen, tap the **Menu Key**  > **Settings**.


OR

- ▶ From the Home screen, tap **Apps**  > **Settings** .

WIRELESS & NETWORKS

The wireless and networks settings allow you to configure and manage your device's wireless radio communications. These settings include Airplane mode and Bluetooth mode.

Wi-Fi

Drag the button on the Wi-Fi switch  to the right to turn on Wi-Fi functionality to connect to available Wi-Fi networks. Drag it to the left to turn it off.

Wi-Fi settings

Turn Wi-Fi on, then tap **Wi-Fi** to access the following settings:

Notify me: Checkmark to be notified when a Wi-Fi network is in range when you launch an application.


Optimize Wi-Fi usage: Opens a dialog box to optimize Wi-Fi usage when launching applications or uploading/downloading large files.

WI-FI NETWORKS

The list of all of the Wi-Fi networks that are within access range. Tap one to access it.

NOTE Tap the **Search** button at the bottom left of the screen to scan for available Wi-Fi networks. Tap the **Add Network** button at the bottom right of the screen to add a new network.

Bluetooth

Drag the button on the Bluetooth switch  to the right to turn on Bluetooth functionality to connect to Bluetooth devices. Drag it to the left to turn it off.

Bluetooth settings

Turn Bluetooth on, then tap **Bluetooth** to access the following settings:

VS950 4G: Opens a dialog box for you to rename your phone as it is seen by other Bluetooth compatible devices.

Make phone visible: Tap to allow other Bluetooth devices to see your phone for pairing and connection. The Bluetooth name checkbox turns blue while it is visible, then turns white when it's no longer visible.

Device type to be searched: Opens a dialog box to select the type of device(s) you want your Bluetooth device to search for. The default setting is **All devices**.

AVAILABLE DEVICES

The list of all of the available in-range Bluetooth devices.


NOTE Tap **Search for devices** at the bottom of the screen to search for in-range Bluetooth devices.

Data usage

Tap **Data usage** to access the following:

Mobile data: Slide the button on the Mobile data switch  to the right to enable mobile data.

Set mobile data limit: Checkmark to limit your mobile data. Your mobile data connection will be disabled when you reach the limit you set.

Data usage cycle: Displays your current data usage cycle. Tap the drop-down menu icon  to change the cycle date.

Data usage graphic: Displays your data usage on a graph which allows you to move your data limit on the graph if you checkmark the **Set mobile data limit** setting.

Data usage applications: Applications are displayed with their data usage on a bar graph. Tap one to see more detailed information.

Call

Tap **Call** to access the following settings:

VOICEMAIL



Voicemail service: Opens a dialog box to select or change your voicemail service (such as Google Voice™). The default is **My carrier**.

Voicemail settings: Opens a page to alter your voicemail settings. If you are using your carrier's voicemail service, you can enter the phone number to use for listening to and managing your voicemail. You can enter a comma (,) to insert a pause in the number to add your password. If you are using Google Voice, the screen allows you to view the Google Voice number or sign out of Google Voice.

OTHER CALL SETTINGS

Call forwarding: Opens a screen to enable or disable call forwarding. When enabled, you can enter the phone number you want to forward the calls to.

Quick message: Checkmark to enable the Quick text message feature to use **Quick msg** when you want to ignore an incoming call and respond to the caller with a specified text message instead.

Quick message settings: Opens a dialog box for you to manage your Quick messages. Tap the **New** icon  in the upper right corner to create a new quick message, tap a message to edit it, or tap the **Delete** icon  to delete the message.

Show dialpad: Opens a dialog box to set which types of calls will automatically display the dialpad.

Auto retry: Opens a dialog box to set the amount of time to wait before automatically redialing a call that failed to connect.

TTY mode: Opens a dialog box to set the TTY mode to communicate with other TTY devices.

DTMF tones: Opens a dialog box to set the length of the DTMF tones.

Assisted dialing: Opens a screen to configure the Assisted dialing options when you are traveling outside of your home country.

Voice privacy: Checkmark to enable enhanced voice privacy.

Auto answer: Opens a dialog box to disable this function or set the amount of time before automatically answering a call with a handsfree device.


More...

Tap **More...** to access the following settings:

Airplane mode: Checkmark to disable all wireless connections.

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

You can also toggle Airplane mode on and off by following the instructions below:


1. Press and hold the **Power/Lock Key** .
2. Tap **Airplane mode**.

NOTE The Notifications panel also has an Airplane mode icon which toggles it on or off.

Wi-Fi Direct: Opens a screen to set up the ability to directly connect with Wi-Fi devices without any access point.

USB tethering: Opens a screen to set up the ability to share your phone's mobile data connection using a USB connection.

NFC: Checkmark to allow data exchange when the phone touches another data-compatible device. NFC (Near Field Communication) establishes radio communication between smartphones and similar devices. If this option is greyed out, you can not beam app content to another NFC-capable device.

Android Beam: Opens an information screen and provides a switch to enable transmission of application content using NFC. Slide the button on the Android Beam switch  (in the upper right corner of the screen) to the right to turn it on.

VPN: Opens a screen to set up and manage Virtual Private Networks (VPNs).

Mobile networks: Opens a screen to set up options for data access, roaming, networks, and APNs (Access Point Names).

DEVICE

The Device settings allow you to configure and manage the general device functions such as sound and display options.


Sound


The Sound settings configure what you hear, when you hear it, and at what volume you hear it, as well as other related settings for notifications, alarms, music, media, etc. Tap **Sound** to access the following settings:

Silent mode: Opens a dialog box to set the device to Silent mode. Choose between **Off**, **Vibrate**, and **On**.


Volumes: Opens a screen to individually set the volumes for Phone ringtone, Notification sound, tap feedback & system, Music, video, games, and other media, and Alarms. Move the slider button on each volume bar to set the volume.

RINGTONE & NOTIFICATIONS

Phone ringtone: Opens a screen to set the ringtone for calls. Tap a ringtone to listen to it. You can also add a ringtone by tapping the **New** icon  in the upper right corner of the screen.

Notification sound: Opens a screen to set the sound for notifications. Tap a ringtone to listen to it. You can also add a sound by tapping the **New** icon  in the upper right corner of the screen.

Ringtone with vibration: Checkmark to set the phone to also vibrate when you receive calls and notifications.

Quiet time: Drag the button on the Quiet time  switch to the right to enable this function. Tap **Quiet time** to open a screen to set the days and times to automatically turn off all sounds except for alarms and media.

TOUCH FEEDBACK & SYSTEM

Dial pad tap tones: Checkmark to set the phone to make a sound when you tap the dialpad.

Touch sounds: Checkmark to set the phone to make a sound when you tap an item to activate it (e.g., tapping a checkbox).

Screen lock sound: Checkmark to set the phone to make a sound when the screen is locked using the **Power/Lock Key** and also when it is unlocked.

Sound when roaming: Checkmark to enable an Enhanced Roaming Indication alert sound.

Emergency tone: Opens a dialog box to set how the phone will behave when an emergency call is placed.

Vibrate on touch: Checkmark to set the phone to vibrate when you tap the front keys.

Display

Tap **Display** to access the following settings:

Brightness: Opens a dialog box to adjust the brightness of the screen. For best battery performance, use the dimmest comfortable brightness.

Auto-rotate screen: Checkmark to set the phone to automatically rotate the screen based on the phone orientation (portrait or landscape).

Screen timeout: Opens a dialog box to set the amount of time before the screen times-out due to inactivity.

Font type: Opens a dialog box to set the type of font used for the phone and menus.

Font size: Opens a dialog box to set the size of the font displayed in the phone and menus.

Aspect ratio correction: Opens a screen to set the resolution size of downloaded applications to fit the screen size.

Front key light: Opens a screen to set whether the front keys are illuminated and how long they will stay lit.

SENSOR

Motion sensor calibration: Opens a screen to calibrate the device to improve the tilt accuracy and the sensor's speed.

Home screen

Tap **Home screen** to access the following settings:

Theme: Opens a dialog box to set the screen theme for your device.

Animation: Opens a dialog box to set the device to use the available animations, or not use the animations.

Screen swipe effect: Opens a dialog box to select the effect to use when you swipe to change screens.

Wallpaper: Opens a set of screens to set the wallpaper to use on your Home screen.

Scroll wallpaper: Checkmark to set whether the background wallpaper scrolls with the screen or stays stationary.

Scroll screens circularly: Checkmark to set the Home screens to scroll continuously, eliminating the need to scroll back in the opposite direction when you reach one end.

Lock screen


Tap **Lock screen** to access the following settings:

DISPLAY

Select screen lock: Opens a group of screens to set how to secure your phone from unauthorized use, or disable screen lock.

Wallpaper Opens a group of screens to set your Lock screen wallpaper.

Clocks & shortcuts: Opens a screen to set the clock widget displayed on the Lock screen. Also allows you to change the shortcuts on the Lock screen when it is set to the **Swipe** unlock method.

Owner info: Checkmark to set the device owner's name to be displayed on the Lock screen. Tap **Settings**  to enter the text to be displayed as the Owner info.

LOCK TIME

Security lock timer: Opens a dialog box to set the amount of time before the screen automatically locks after the screen has timed-out.

Power button instantly locks: Checkmark to instantly lock the screen when the **Power/Lock Key** is pressed. This setting overrides the Security lock timer setting.

Gesture

Tap **Gesture** to access the following settings:

Move home screen items: Checkmark to be able to move items within the Home screen or applications by tapping and holding an item, then tilting the device in the direction you want to move it.

Tilt sensitivity: Opens a dialog box to test and adjust the sensitivity of the tilt sensors used for the Home screens and applications. To adjust the sensitivity, tap the Default sensitivity checkbox, then move the slider along the bar toward slow or fast to suit your preference.

Pending incoming calls: Checkmark to enable you to simply flip the device to mute an incoming call ringtone.

Snooze or stop alarm: Checkmark to enable you to simply flip the device to snooze or stop the alarm.

Pause video: Checkmark to enable you to simply flip the device to pause the currently playing video.

Help: Opens a help guide on how to use the Gesture features of your device.

Storage

Use the Storage settings to monitor the used and available space in your phone's internal memory. Tap **Storage** to access the following settings:


BACKUP ASSISTANT PLUS STORAGE

Subscribe now: Opens a group of screens to set up Backup Assistant Plus.

INTERNAL STORAGE

Total space: Displays the total amount of space in the phone's internal memory. It's listed in Gigabytes and also on a colored bar graph with a color-coordinated list of the applications as well as the amount of space they use. Remaining memory space is grey-colored.

Power saver

Drag the button on the Power saver switch  to the right to turn it on. Drag it to the left to turn it off. Tap **Power saver** to access the following settings:

Turn Power saver on: Opens a dialog box to set the battery charge percent level to automatically turn on Power saver.

Power saver Tips: Opens a screen with tips for using the Power saver function.


POWER SAVING ITEMS


Auto-sync: Checkmark to turn off Auto-sync.


Wi-Fi: Checkmark to turn Wi-Fi off when data is not being used.

Bluetooth: Checkmark to turn Bluetooth off when not connected.

Vibrate on touch: Checkmark to turn off tap feedback.

Brightness: Checkmark to turn off the screen brightness you set for Power saver mode. Tap **Settings**  to change the setting.

Screen timeout: Checkmark to turn off the screen timeout you set for Power saver mode. Tap **Settings**  to change the setting.

Front key light: Checkmark to turn off the front key light settings for Power saver mode. Tap **Settings**  to change the settings.

BATTERY INFORMATION

The Battery charge information is displayed on a battery graphic along with the percentage of the remaining charge and its status.

Battery percentage: Checkmark to display the battery level percentage on the Status Bar next to the battery icon.

Battery use: Opens a page that displays which components and applications are using the most battery power. Tap one of the entries to see more detailed information.

Apps

Use the Apps settings to view details about the applications installed on your phone, manage their data, force them to stop, and set whether you want to permit installation of applications that you obtain from websites and email. Select one of the three tabs across the top of the screen to view detailed information for **Downloaded**, **Running**, and **All** applications.

PERSONAL


The Personal settings allow you to configure and manage your accounts.

Accounts & sync

Use the Accounts & sync settings to manage your Google™ and other supported accounts. You also use these settings to control data synchronization. You can set how and whether each application sends, receives, and syncs data on their own schedules or whether user data is synchronized automatically.

Gmail™, Calendar, and other applications may also have their own settings to control how they synchronize data; see the sections on those applications for details.

Tap **Accounts & sync** to access the settings below:

Drag the Accounts & sync switch  at the top of the screen to the right to turn on the sync function or tap **Add Account** at the bottom of the screen add a new account.

VERIZON ACCOUNT

Backup Assistant Plus: Opens the Backup Assistant settings screens to manage your backup settings.

GENERAL ACCOUNTS

Displays a list of all of your general accounts, including your Google Account. Tap one of the entries to access their settings.

LG ACCOUNTS

Displays a list of all of your LG accounts. Tap one of the entries to access their settings.

Location services

Use the Location services settings to set your preferences for using and sharing your location when you search for information and use location-based applications, such as Maps. Tap **Location services** to access the following settings:

E911: E911 Location cannot be turned off on any mobile phone. Intended for personal safety in urgent situations, this setting cannot be altered by the user.

Verizon Location Services: Checkmark to enable Verizon Wireless and third party authenticated and validated location services to access certain location information available through this service and/or the network.

Standalone GPS Services: Checkmark to enable your phone's standalone global positioning system (GPS) satellite receiver to pinpoint your location to within an accuracy as close as several meters ("street level"). Actual GPS accuracy depends on a clear view of the sky and other factors.

Google's location service: Checkmark to use information from Wi-Fi and mobile networks to determine your approximate location that is used while searching in Google Maps and other applications. When you checkmark this option, you're asked whether you consent to sharing your location anonymously with Google's location service.

Location & Google search: Checkmark to allow Google to use your location to improve your search results and other services.

Security

Use the Security settings to configure how to help secure your phone and its data. Tap **Security** to access the following settings:

ENCRYPTION

Encrypt device: Opens a screen that allows you to encrypt the device to keep it secure. After encryption, a PIN or password needs to be entered each time you power the phone on.

Enable Storage Encryption: Opens a screen that enables storage encryption and synchronization with previously encrypted data.

SIM CARD LOCK

Set up SIM card lock: Opens a screen to set if you want to require a PIN to be able to access the SIM card. And, if set, allows you to change the PIN.

PASSWORDS

Password typing visible: Checkmark to briefly show each character of the password as you type so that you can see what you enter.

DEVICE ADMINISTRATION

Device administrators: Opens a page to view and/or deactivate device administrators.

Unknown sources: Checkmark to allow installation of non-Play Store applications.

CREDENTIAL STORAGE

Trusted credentials: Opens a screen to allow applications to access your phone's encrypted store of secure certificates, related passwords and other credentials. The screen has a **System** tab and a **User** tab. Credential storage is used to establish some kinds of VPN and Wi-Fi connections. This setting is dimmed if you have not set a password to secure your credential storage.

Install from storage: Opens a screen to install a secure certificate from your phone's internal memory.

Clear credentials: Opens a screen to delete all secure certificates and related credentials and erase the secure storage's own password. You are prompted to confirm you want to clear this data.

Language & input


Use the Language & input settings to select the language for the text on your phone and for configuring the on-screen keyboard. You can also manage your language dictionary for personal words that you've added. Tap **Language & input** to access the following settings:

Language: Opens a dialog box to set the language to use on your device.

Personal dictionary: Opens a screen with a list of the personal words that you've added that are not in the standard dictionaries.


KEYBOARD & INPUT METHODS

Default: Opens a dialog box to select the default input method.

Google voice typing: Checkmark to select Google voice typing to enter data. Tap **Settings**  to alter Google voice settings.

Select input languages: Opens a dialog box for selection.

Block offensive words: Checkmark to activate this option.

LG Keyboard: Checkmark to select the LG Keyboard to enter data. Tap **Settings**  to alter the following settings:

Input language & type: Opens a dialog box to select the keyboard language.

Word suggestion: Opens a screen to set word prediction and auto word correction.

Auto capitalize: Checkmark to activate this option.

Auto punctuation: Checkmark to activate this option.


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

Tap feedback: Opens a screen to set key preview, sound feedback, and vibrate feedback when typing.

Handwriting: Opens a screen to set the pen width, color, and delay time.

Hide keyboard: Checkmark to set downward swipe to close the keyboard.

One hand keyboard: Checkmark to set the keyboard to use only one hand to enable typing.

Fuzzy pinyin: Checkmark to enable this setting. Tap **Settings**  to select common pinyin mistakes.

Software version: Displays the software version installed on the device.

SPEECH

Voice Search: Opens a screen to set voice search options.

Text-to-speech output: Opens a screen to set the preferred speech engine and other general settings.

MOUSE/TRACKPAD

Pointer speed: Opens a dialog box to set the pointer speed.

Backup & reset

Tap **Backup & reset** to access the following settings:

BACKUP & RESTORE

Back up my data: Checkmark to backup application data, Wi-Fi passwords, and other settings to Google servers.

Back up account: Opens a dialog box to select the account to backup. You can also add an account for backup.

Automatic restore: Checkmark to allow the device to automatically restore backed up settings and data when an application is reinstalled on the device.

PERSONAL DATA

Factory data reset: Opens a screen to erase all of the data on the phone. Read the warning, then tap **Reset phone** at the bottom of the screen.

SYSTEM

Date & time

Tap **Date & time** to access the following settings:

Automatic date & time Checkmark to use the network provided values.

Automatic time zone Checkmark to use the network provided time zone information.

Set date Opens a dialog box to set your own date (when the automatic setting is not checkmarked).

Set time Opens a dialog box to set your own time (when the automatic setting is not checkmarked).

Select time zone Opens a dialog box to set your own time zone (when the automatic setting is not checkmarked).


Use 24-hour format Checkmark to display the time using the 24-hour time format (for example, 13:00 instead of 1:00 pm).

Select date format Opens a dialog box to set the format for displaying dates.

Accessibility

Use the Accessibility settings to configure any accessibility plug-ins you have installed on your phone. Tap **Accessibility** to access the following settings:

SERVICES

TalkBack Opens a screen to set up the Talkback function. Drag the button on the TalkBack switch  to the right to turn it on. Tap **Settings** at the bottom of the screen to adjust the TalkBack settings.

SYSTEM

Large Text Checkmark to set the size of the text.

Auto-rotate screen Checkmark to allow the device to rotate the screen depending on the device orientation (portrait or landscape).

Touch & hold delay Opens a dialog box to set the tap and hold delay.

Install web scripts Opens a dialog box to enable (or disable) installation of web scripts.

Connectivity

Tap **Connectivity** to access the following settings:

USB CONNECTION

USB connection type Opens a dialog box to choose the default mode when connecting your phone to a PC using a USB Cable.

Ask on connection Checkmark to display a dialog box to confirm the USB connection type when you connect to a PC.

Help Opens a page to view connection settings information.

AUTO-LAUNCH

Media Home Checkmark to set the phone to Media Home mode when it's mounted in the desk cradle or connected to the MHL cable.

Developer options

Keep in mind that turning on these developer settings may result in irregular device behavior. Tap **Developer options** to access the following settings:

USB debugging Checkmark to turn on debug mode when USB is connected.

Development device ID Displays the development device ID.

Stay awake Checkmark to set the screen to never timeout while charging.

Allow mock locations Checkmark to set the device to a mock location.

Desktop backup password Opens a screen to set a password to back up the desktop.

USER INTERFACE

Enable strict mode Checkmark to flash the screen when applications operate for a long period of time on the main thread.

Show touch data Checkmark to make tap data visible on the screen.

Show touches Checkmark to show visual feedback when the screen is tapped.

Show screen updates Checkmark to flash areas of the screen when they are updated.

Show CPU usage Checkmark to overlay the current CPU usage on the screen.

Force GPU rendering Checkmark to use the 2D hardware acceleration in applications.

Window animation scale Opens a dialog box to set the window animation scale.

Transition animation scale Opens a dialog box to set the transition animation scale.

APPS

Don't keep activities Checkmark to force stop every activity as soon as the user leaves it.

Background process limit Opens a dialog box to set the background process limit.

Show all ANRs Checkmark to show a dialog box when Applications running in the background are not responding.

About phone

Tap **About phone** to access the following settings:

Software update Opens a screen to check for Android system software updates and other current information.

Network Opens a screen to view your network, network type and strength, service state, roaming status, mobile network state, IMS registration status, and IP address.

Phone identity Opens a screen to view the model number, phone number, PRL version, ERI version, IMEI, IMEI SVN, ICCID, up time, lifetime calls, and warranty date code.

Battery Opens a screen to view battery status, battery level, and battery use.

Hardware information Opens a screen to view Wi-Fi MAC address and Bluetooth address.

Software information Opens a screen to view Android version, baseband version, kernel version, build number, and software version.

Legal information Opens a screen to view open source licenses and Google legal information.

LG Smart Mobile Office

INTRODUCTION

The LG Smart Mobile Office program provides a productive and secure mobile working environment, helping you to stay on top of your business whether you are at the office, at home, or on the move. An array of business applications, built-in or downloadable from Google Play, enables extending your workspace through your fingertips. Connect with your colleagues and customers instantly, and manage your tasks, schedules, and projects simultaneously across locations, devices, and people. View your customer information, check inventories, and place orders anywhere, anytime. Make notes, revise your presentations, and send final materials even while you are speaking with your clients. All of your personal and corporate information is protected, from on-device to network, to platform. It is as simple as it gets.

Utilizing LG Smart Mobile Office Features



The following is a guide to walk you through select business scenario features using the Intuition™.

Microsoft Exchange ActiveSync

An HTTP and XML based Microsoft Exchange synchronization protocol is used for communication with the Microsoft Exchange Server. Exchange ActiveSync provides access to email, calendar, contacts, and tasks seamlessly between the handset and computers.

Exchange ActiveSync Settings

Account Setup

1. Open the **Email** application from the Home screen.
2. Tap the **Menu Key**  > **Accounts**.
3. Tap the **Provider** icon  in the upper right corner of the screen, then tap **Microsoft Exchange**.

4. Enter your account information, including an email address.
You may need additional information such as domain name, server address, etc. Please refer to your IT administrator for the necessary corporate network information.
5. Checkmark the information you want to sync including Sync contacts, **Sync Calendar**, **Sync Email**, and **Sync Tasks**, then tap the **Next** button.
6. Read the prompt and set up a password.
7. Read the notice carefully, then tap the **Active** button.
8. Setup is complete. Tap the **Done** button. Your Exchange account Inbox is displayed.



Push Email

The Microsoft Exchange Push Email feature allows you to exchange immediate email transmissions along with notification(s) in the Status Bar on your handset.



Contacts

Use the Global Address List (GAL) to look up your colleagues and their contact information in the company directory.



Calendar

Easily manage your calendar seamlessly across devices, allowing you to organize meetings promptly, and stay on top of your schedule wherever and whenever. Propose a new meeting (time, location, invitees, and agenda), and track replies (accept, tentative, or decline).

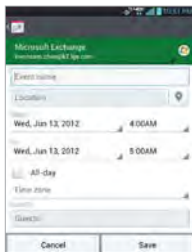
Host meeting

1. Complete your meeting information:


- ▶ **Subject:** The purpose of the meeting.
- ▶ **Location:** Where the meeting will be held.
- ▶ **Period:** The start time and end time.
- ▶ **All-day:** Indicate if the meeting will last all day.
- ▶ **Standard time:** The location-based GMT.
- ▶ **Guests:** The list of participants.
- ▶ **Description:** Optional information, for example a detailed meeting agenda.

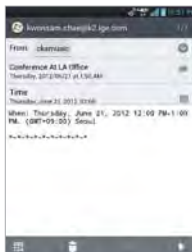
2. Add all of the participants' email addresses to the Guest box.

3. Tap the **Save** button.



Accept meeting

1. Open the invitation email.
2. Tap the **Calendar** button  to reply regarding your attendance.
3. Tap **Accept**, **Tentative**, or **Decline**, then tap **OK**.




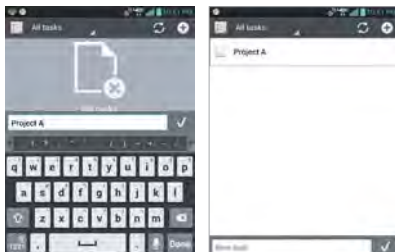
Tasks

The Tasks function provides a complete overview of your task schedule and associated progress to help you to keep your projects on track.

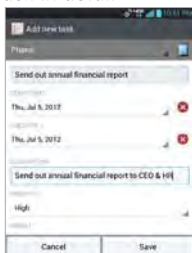
Create, send, and receive tasks via emails and organize them by various categories (due date, priority, etc).


Create a task instantly

1. Enter the title of the task into the new task text box at the bottom of the screen.
2. Tap the **Done** icon  in the lower right corner of the screen.



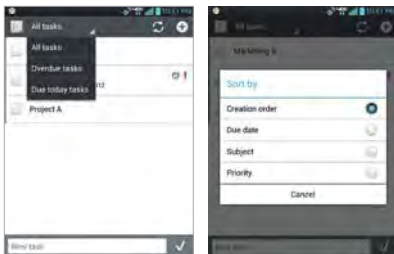
Create a task in detail





1. Tap the **New task** icon  in the upper right corner of the screen to add a task.
2. Enter the detailed task information including subject, period, description, priority, repeat, and reminder.
3. Tap the **Save** button.

Filter and Sort


You can filter your tasks list as well as organize your tasks by various categories (due date, subject, priority, etc).

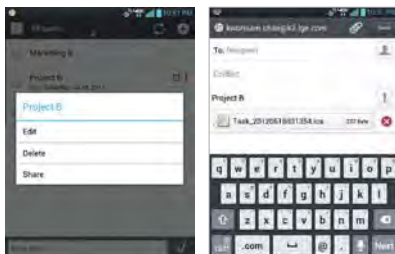


- ▶ Tap the drop-down menu icon  at the top, center of the Tasks title bar to filter your tasks list by **All tasks**, **Overdue tasks**, or **Due today tasks**.
- ▶ Tap the **Menu Key**  to open the Options menu to select how to sort your tasks. Tap **Sort by**, then select **Creation order**, **Due date**, **Subject**, or **Priority**.

Task share

Share your task(s) with your colleagues, partners, or customers to collaborate on your projects.

1. Tap and hold a task in your Tasks list.
2. Tap **Share** in the Context menu that opens.
3. Tap the email service to use, then type the email address(es) of the task members into the Recipient field.
4. Task information will be automatically attached to the email.
5. Tap the **Send** icon  in the upper right corner of the screen to send the email.



Password

LG Smart Mobile Office supports server configurable password enforcement policies. Its preliminary defense mechanism of device password shields unauthorized access and use in case of device loss or theft.

The following password policies are supported:

- ▶ Device password enforcement
- ▶ Device password enabled
- ▶ Allow/Disallow simple password
- ▶ Number of password tries
- ▶ Minimum device password length
- ▶ Alphanumeric password
- ▶ Minimum device password complex characters
- ▶ Device password history
- ▶ Device password recovery
- ▶ Device password expiration

Encryption

LG Smart Mobile Office supports encryption by the Exchange Server. Please refer to your IT administrator for your corporate encryption policy. Both device and internal storage encryption are available. Please refer to the Data Security section on pages 204 for more information regarding Encryption.

Virtual Private Networks

LG mobile supports a range of established industry-standard virtual private network (VPN) protocols, allowing secure access to private corporate networks as follows:

- ▶ **IPSec:** Multi-headed VPN protocol interoperating with various VPN gateways.
User authentication by password, and machine authentication by shared secret and certificates.
- ▶ **L2TP over IPSec:** User authentication by password and machine authentication by shared secret.
- ▶ **PPTP:** User authentication by password.
- ▶ **SSL VPN:** Downloadable from Cisco, Juniper, F5 applications from Google Play.
User authentication by password and certificates.

If your organization supports IPSec, L2TP over IPSec, or PPTP, which are built-in VPN protocols in LG smartphones, you can simply connect your LG smartphone to your VPN without additional network configuration or third-party applications.

VPN Settings

1. Open the **Settings** application.
2. Tap **More...** under the Wireless & networks section.
3. Tap **VPN**.
4. Tap **Add VPN network**, then enter the VPN network information to match your corporate network.

Please refer to your network administrator for protocol related information regarding your corporate network(s).



Add VPN network

LG Mobile provides a variety of VPN protocol access

- ▶ **Authentec IPsec** : L2TP/IPsec PSK, L2TP/IPsec CRT, IPsec PSK, IPsec CRT, IPsec EAP
- ▶ **PPTP**, IPsec Hybrid RSA

1. Check **Name** (Name of the connection shown at the start)
2. Select **Type** (Type of the connection)



Type: IPSec PSK

1. **Server Address:** IP address
2. **Template:** Type of connection and pre-set parameters that affect types of parameters
3. **Pre-Shared Key:** The key for authentication
4. **IKE ID type:** Type to be used with this connection
5. **IKE ID:** Identity to be used
6. **User authentication:** Requires user name and password

**Advanced options**

Checkmark the **Show advanced options** checkbox when your corporate environment requires particular protocols. However, you won't have to input cumbersome text because LG provides easy input options to select from.

- ▶ **IPSec encryption:** IPSec encryption algorithm (3DES-CBC, AES-CBC-128/192/256, etc.)
- ▶ **IPSec integrity:** Algorithm for IPSec Integrity (Auto, HMAC-MD5-96, HMAC-SHA1-96, etc.)
- ▶ **IPSec PFS:** Check when the perfect-forward-secrecy is used
- ▶ **IKE version:** 1 or 2
- ▶ **IKE aggressive mode:** When the aggressive-mode is checked, aggressive mode phase 1 exchange is used with IKEv1 instead of main mode.
- ▶ **IKE encryption:** IKE encryption algorithm (3DES-CBC, AES-CBC-128/192/256, etc.)

- ▶ **IKE integrity:** Algorithm for IKE integrity (HMAC-MD5-96, HMAC-SHA1-96, etc.)
- ▶ **IKE group:** The group element specifies the Diffie-Hellman group used in the IKE SA negotiation.



Type: IPSec CRT

1. **Server Address:** IP address.
2. **Template:** Type of connection and pre-set parameters that affect types of parameters.
3. Tap **IPSec User Certificate**.
4. Tap **Install from Storage**.
5. If you have preinstalled your corporate security certificates, a list of available certificates will be displayed.
6. Select the certificate designated by your corporate IT administrator.



Device Security

Device security establishes security policies to prevent unauthorized use. The device can also be deactivated or erased when lost or stolen.

- ▶ Passcode policies: minimum length, case-sensitive, special characters
- ▶ Local/ Remote lock, wipe data
- ▶ Policy enforcement: restrict camera, Bluetooth, Wi-Fi

Data Security

Data security protects the user data stored in the device memory i.e., the data section of the internal device memory. Specifically, Data-at-rest Encryption (DARE), an underlying security mechanism, encrypts the user data by using such state-of-the-art encryption algorithm as Advanced Encryption Algorithm (AES), supporting 128-bit or 256-bit key length.

Encryption Setup

1. Open the **Settings** application.
2. Tap **Security**.
3. Tap **Encrypt device** or **Enable storage encryption**.

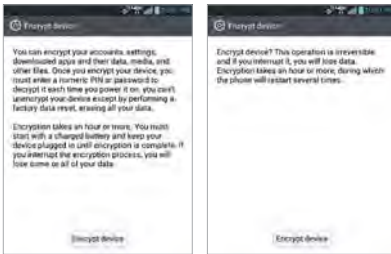


Encrypt device

In order to encrypt the device, the battery status needs to be over 80% and the charger plugged in and supplying power.

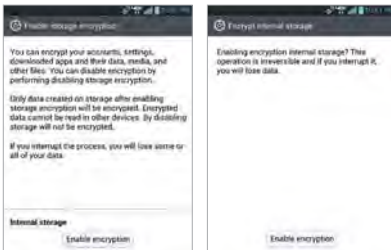
1. Access the Encryption settings, then tap **Encrypt device**.
2. Tap the **Encrypt device** button at the bottom of the screen.
3. Enter your current encryption PIN or set the numeric PIN if it has not been previously set.

Please be aware that device encryption may take more than an hour, and the phone may restart several times.



Enable storage encryption

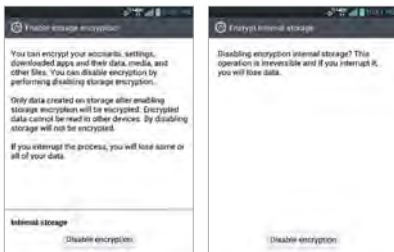
1. Access the Encryption settings, then tap **Enable storage encryption**.
2. Read the general description.
3. Tap the **Enable encryption** button at the bottom of the screen. Protect the information in your phone's storage by entering a PIN.



Disable storage encryption

You can disable the storage encryption feature, if you no longer want to encrypt the files saved in your storage. However, previously encrypted files will remain as encrypted.

1. Open the **Settings** application, then tap **Security**.
2. Tap **Enable storage encryption**.
3. Enter your current PIN.
4. Tap the **Disable encryption** button at the bottom of the screen.



Network Security

Network security ensures that only authorized users access and watch user data during data transmission. Data transmission is securely protected.

- ▶ **VPN:** SSP VPN, Authentec IPSec, L2TP over IPSec, PPTP
- ▶ **SSL/ TLS:** SSLv3, TLS1.0
- ▶ **Wi-Fi security protocols:** WEP, WPA Enterprise/ Personal, WPA 2 Enterprise/ Personal
- ▶ **802. 1x authentication:** EAP-TLS, -EAP-TTLS, PEAPv0 (EAP-MS-CHAP v2), PEAPv1 (EAP-GTC)

Platform Security

Platform security provides a secure platform environment supported by the hardware-enforced security architecture.

- ▶ **Secure booting:** Detects unauthorized modifications of the platform during the boot process.
- ▶ **Secure storage:** Provides confidentiality and integrity protection of sensitive data or key materials.
- ▶ **Trusted Execution Environment (TEE):** Enables secure data processing by utilizing TrustZone technology.

DivX Mobile **DIVX** HD

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