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User Guide

LG L41C

MFL68524301 (1.0)



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User Guide

- Screen displays and illustrations may differ from those you see on actual phone.
- Some of the contents of this guide may not apply to your phone, depending on the software and your service provider. All information in this document is subject to change without notice.
- This handset is not suitable for people who have a visual impairment due to the touch screen keyboard.
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Important notice



Please read this before you start using your phone!

Please check to see whether any problems you encountered with your phone are described in this section before taking the phone in for service or calling a service representative.

1. Phone memory

When there is less than 10MB of space available in your phone memory, your phone cannot receive new messages. You need to check your phone memory and delete some data, such as applications or messages, to make more memory available.

To uninstall applications:

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Apps**.
- 2 Once all applications appear, scroll to and select the application you want to uninstall.
- 3 Tap **Uninstall**, then tap **OK** to confirm.

2. Optimizing battery life



Extend your battery's life between charges by turning off features that you don't need to have running constantly in the background. You can monitor how applications and system resources consume battery power.

Important notice

Extending your phone's battery life:



- Turn off radio communications when you're not using. If you are not using Wi-Fi, Bluetooth or Location, turn them off.
- Reduce screen brightness and set a shorter screen timeout.
- Turn off automatic syncing for Gmail, Calendar, Contacts and other applications.
- Some applications you have downloaded may reduce battery power.

To check the battery power level:

- From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **About phone** > **Battery**.

The battery status (charging or discharging) and battery level (percentage charged) is displayed at the top of the screen.

To monitor and control how battery power is being used:

- From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **About phone** > **Battery** > **Battery use**.

Battery usage time is displayed on the screen. It tells you how long it has been since you last connected your phone to a power source or, if currently connected, how long the phone was last running on battery power. The screen shows the applications or services using battery power, listed in order from the greatest to smallest amount used.

3. Before installing an open source application and operating system (OS)



WARNING

If you install and use an OS other than the one provided by the manufacturer it may cause your phone to malfunction. In addition, your phone will no longer be covered by the warranty.

WARNING

To protect your phone and personal data, only download applications from trusted sources, such as Play Store. If there are improperly installed applications on your phone, the phone may not work normally or a serious error may occur. You must uninstall those applications and all associated data and settings from the phone.

4. Using a screen lock

Set a screen lock to secure your phone and prevent unauthorized use. From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Lock screen** > **Select screen lock** > **Knock Code, Face Unlock Pattern, PIN, or Password**. Some options will prompt you to create a Backup PIN as a safety measure in case you forget your screen lock.

Caution: Create a Google account before setting a screen lock and remember the Backup PIN you created when creating your screen lock.

Important notice

WARNING

Precautions to take when using a screen lock.

It is very important to remember the screen lock you set. You will not be able to access your phone if you use an incorrect screen lock 5 times. If you have used all 5 opportunities, you can try again after 30 seconds.

5. Using Hard Reset (Factory Reset)

If your phone needs to be restored to its original condition, use a Hard Reset to initialize your phone.

WARNING

If you perform a Hard Reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a **Hard Reset**.



- 1 Turn the phone off.
- 2 Press and hold the **Power/Lock Key** + **Volume Down Key** at the same time.
- 3 Release the **Power/Lock Key** only when the LG logo is displayed, then immediately press and hold it again.
- 4 Release all of the keys when the Factory data reset screen is displayed.
- 5 Press the **Volume Down Key** to scroll to Yes, then press the Power/Lock Key to confirm.

- 6 Press the **Volume Down Key** to scroll to **Yes** once again, then press the **Power/Lock Key** to confirm.
- 7 Your phone performs a factory reset.

6. Opening and switching applications

Multi-tasking is easy with Android because you can keep more than one application running at the same time. There is no need to quit an application before opening another one. Use and switch between several open applications. Android manages each application, stopping and starting them as needed to ensure that idle applications don't consume resources unnecessarily.

To stop applications:

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Apps** > **RUNNING**.
- 2 Tap the desired application and tap **Stop** to stop it.

7. Transferring music, photos and videos using Media sync (MTP)

- 1 Connect the phone to your PC using the USB cable provided with your phone.
- 2 A USB connection type list will appear on your phone screen. Tap the **Media sync (MTP)** option.
- 3 Select the **Open device to view files** option on your PC. You can then view media contents on your PC and transfer the files.
- 4 Copy the files from your PC to the drive folder or vice versa.

Important notice

5 Drag the Status Bar down and tap **USB connected > Charge only**.

6 Disconnect the USB cable from your phone.

8. Hold your phone upright

Hold your cell phone vertically, as you would a regular phone. Your phone has an internal antenna. Be careful not to scratch or damage the back of the phone, as this may affect performance.

When making/receiving calls or sending/receiving data, avoid holding the lower part of the phone where the antenna is located. Doing so may affect call quality.

9. When the screen freezes

If the screen freezes or the phone does not respond when you try to operate it:

Press and hold the **Power/Lock Key**  for 10 seconds to turn your phone off.

If it still does not work, please contact the service center.

Getting to know your phone

Phone overview

Earpiece

Proximity Sensor

Volume Keys

Allow you to adjust the ringer, media volume, or the volume during a call.

Home Key

Return to the Home screen from any screen. Press and hold to access Google Now.

Back Key

Return to the previous screen.



Front-Facing Camera Lens

Use to take a picture of yourself or to video chat on supported applications.

Power/Lock Key

Turn your phone on/off, restart, lock/unlock the screen, turn airplane mode on or off, and change the ringer type.

Menu Key

Display the available options. Press and hold to view recently used apps.

WARNING

Placing a heavy object on the phone or sitting on it can damage the LCD and touchscreen functions. Covering the proximity sensor with a protective film could cause the sensor to malfunction.

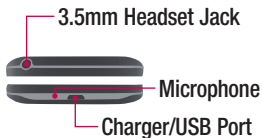
Getting to know your phone

Volume Keys

- **On the Home screen:** Control ringer volume.
- **During a call:** Control your earpiece volume.
- **When playing audio/video:** Control volume continuously.



Power/Lock Key

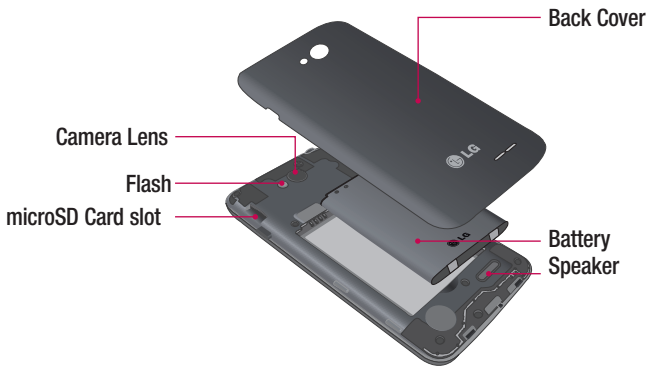


3.5mm Headset Jack

Microphone

Charger/USB Port

NOTE: You may purchase a separate fast data cable from LG for higher data transfer speed with compatible devices (e.g. laptop).



Getting to know your phone

Installing the battery

Before you can start using your new phone, you'll need to do a little set up such as installing and charging the battery.

- 1 To remove the back cover, hold the phone firmly in one hand. With your other hand, place your thumbnail in the Charger/USB Port at the bottom of the phone as shown in the illustration below.

NOTE: Make sure to turn the phone off before removing the battery.



- 2 Insert the battery into the opening on the back on the phone, making sure the connectors align (1) and press down until it clicks into place(2).



- 3 Align the back cover over the battery compartment (1) and press down along the outer edge of phone(2).

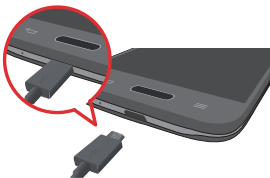


Getting to know your phone

Charging the phone

Your phone comes with a USB cable and a Charger adapter which connect together to charge your phone. Fully charge the battery before using your phone for the first time to improve your battery lifetime.

The USB/Charging Port is at the bottom of the phone. Insert one end of the USB cable into the port and plug the Charger adapter into an electrical outlet.



WARNING

To avoid damage to your phone's port and cable plug, orient the plug with the port before inserting it.

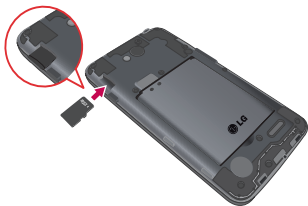
NOTE:

- Do not open the back cover while your phone is charging.
- Only use approved charging accessories to charge your LG phone. Improper handling of the USB/Charging Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

Using the memory card

Make sure to unmount the SD card in the Storage menu before removing it.

- 1 Remove the back cover.
- 2 Insert the memory card into the slot. Make sure the gold contact area is facing downwards.



Locking and unlocking the screen

If you do not use the phone for a while, the screen will be automatically turned off and locked. This helps to prevent accidental taps and saves battery power.

When you are not using your phone, press the **Power/Lock Key**  to lock your phone.

If there are any programs running when you lock your screen, they may be still running in Lock mode. It is recommended that you exit all programs before entering Lock mode to avoid unnecessary charges (e.g. phone calls, web access and data communications).

Getting to know your phone

To wake up your phone, press the **Power/Lock Key** . The Lock screen will appear. Touch and slide the Lock screen in any direction to unlock the screen. The last screen you viewed will open.

Your Home screen

Touch screen tips

Here are some tips on how to navigate on your phone.

Touch or tap – A single finger tap selects items, links, shortcuts and letters on the on-screen keyboard.

Touch and hold – Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs. For example, to open a contact's available options, touch and hold the contact in the Contacts list until the context menu opens.

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

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

Double-tap – Double-tap to zoom on a webpage or a map. For example, quickly double-tap a section of a webpage to adjust that section to fit the width of the screen. You can also double-tap to zoom in and out when viewing a picture and when using Maps.

Pinch-to-Zoom – Use your index finger and thumb in a pinching or spreading motion to zoom in or out when using the browser, Maps or when viewing pictures.

Rotate the screen – From many applications and menus, the orientation of the screen adjusts to the device's physical orientation.

Your Home screen

NOTE:

- To select an item, tap the center of the icon.
- Do not press too hard; the touch screen is sensitive enough to pick up a light, yet firm tap.
- Use the tip of your finger to tap the option you want. Be careful not to tap any other keys.

Home screen

Simply swipe your finger to the left or right to view the Home screen panels. You can customize each panel with pre-loaded and downloaded apps, widgets, and wallpapers.

The Quick Keys are available at the bottom of the Home screen. Quick Keys provide easy and one-tap access to the functions you use the most.



Tap the **Phone** icon to bring up the dialpad to make a call.



Tap the **Contacts** icon to open your contacts.



Tap the **Messaging** icon to access the Messaging application, where you can view and create text and multimedia messages.



Tap the **Apps** icon to view all of your installed applications. To open any application, simply tap the icon in the applications list.

NOTE: To add an icon, drag it to the Quick Keys bar and release it. To remove an icon, drag it out of the Quick Keys bar.

Customizing the Home screen

You can customize your Home screen by adding apps, downloads, widgets or wallpapers. For more convenience using your phone, add your favorite apps and widgets to the Home screen.

To add items on your Home screen:

- 1 Touch and hold the empty part of the Home screen.
- 2 Tap the desired tab. Choose from **Apps** or **Widgets**.
- 3 Drag the desired app icon to the preferred location and lift your finger.

To remove an item from the Home screen:

- Touch and hold the icon you want to remove, then drag it to  and release it.

TIP! To add an application icon to the Home screen from the Apps screen, touch and hold the application you want to add and drag it to the desired location.

TIP! Using folders

You can combine several app icons in a folder to help keep you organized. Drop one app icon over another one on a Home screen and a folder will be created with both icons in it.

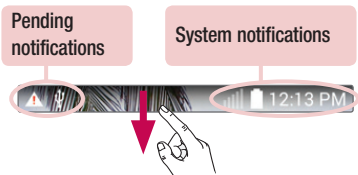
Your Home screen

Notifications

Notifications alert you to the arrival of new messages, calendar events, and alarms, as well as to ongoing events, such as video downloads.

From the Notifications Panel, you can view your phone's current status and pending notifications.

When a notification arrives, its icon appears at the top of the screen. Icons for pending notifications appear on the left and system icons, such as Wi-Fi or battery strength, on the right.



Accessing notifications



Swipe the Status Bar downwards to open the Notifications Panel. To close the Notifications Panel, swipe the bar that is at the bottom of the screen upwards.

Quick Settings

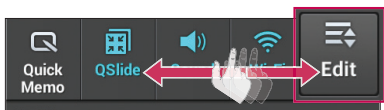
Use the Quick Settings to easily toggle function settings like Wi-Fi, manage display brightness and more. To access the Quick Settings, open the Notifications Panel.

The Quick Settings bar is located at the top of the Notifications Panel.

To rearrange Quick Setting items on the Notification Panel

Swipe the Quick Settings bar to the left and tap . Touch and hold  next to the items you want to move and drag it to the desired location. Tap the checkbox next to each item to add them to the Quick Settings bar.

NOTE: Touch and hold an icon on the Quick Settings bar to directly access its settings menu.

















Your Home screen











Notification icons on the Status Bar

Notification icons appear on the Status Bar at the top of the screen to report missed calls, new messages, calendar events, device status and more.



The icons listed in the table below are some of the most common ones.

Icon	Description	Icon	Description
	No signal		Battery fully charged
	Airplane mode		Battery is charging
	Connected to a Wi-Fi network		Downloading data
	Wired headset (with mic) connected		Uploading data
	Call in progress		Acquiring GPS
	Receiving location data from GPS		Missed call
	Data is syncing		Bluetooth is on

Icon	Description	Icon	Description
	New Gmail message		System warning
	New Hangouts message		Alarm is set
	New text or multimedia message		New voicemail
	Song is playing		Ringer is silenced
	Phone is connected to PC via USB cable		Battery saver is on

NOTE: The icon locations in the Status Bar may differ depending on the functions, features, and apps being used.

Your Home screen


Entering text

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

Using the keyboard and entering text

 Tap once to capitalize the next letter you type. Double-tap for all caps.

  Tap to switch to the numbers and symbols keyboard.

 Tap to access the LG Keyboard settings. Touch and hold to access voice input mode and the Clip Tray.

 Tap to enter a space.

 Tap to create a new line in the text field.

 Tap to delete the previous character.

Entering special characters

The LG Keyboard allows you to enter special characters (e.g. “á”) when entering text.



For example, to enter “á”, touch and hold the “a” key. When the pop-up with its additional characters is displayed, slide your finger over the “á”, then lift your finger to enter it.

NOTE: A symbol at the top right corner of a key indicates that additional characters are available for that key.

Google account setup

The first time you open a Google app on your phone, you'll be required to sign in with your existing Google Account. If you don't have a Google Account, you'll be prompted to create one.

Creating your Google Account

- 1 From the Home screen, tap the **Menu Key**  > **System settings**.
- 2 Tap **Accounts & sync** > **Add account** > **Google** > **New** to start the Gmail set up wizard.
- 3 Tap a text field to open the keyboard and enter your name and username for your Google Account. When entering text, you can move to the next text field by tapping **Next** on the keyboard.
- 4 When you have finished entering your name and username, tap the **Next** icon . Your phone then communicates with Google servers and checks for username availability.
- 5 Enter and re-enter your password. Then follow the instructions and enter the required and optional information about the account. Wait while the server creates your account.

Signing in to your Google Account

- 1 From the Home screen, tap the **Menu Key**  > **System settings** > **Accounts & sync** > **Add account** > **Google** > **Existing**.
- 2 Enter your email address and password, then tap the **Next** icon .

Google account setup

- 3 Once you've set up your Google Account on your phone, it'll automatically be synchronized with your Google Account on the web (depending on your synchronization settings).

After signing in, you can use Gmail and Play Store; back up your settings to Google servers; and take advantage of other Google services on your phone.

Connecting to Networks and Devices

Wi-Fi

With Wi-Fi, you can use high-speed Internet access within the coverage of the wireless access point (AP). Enjoy wireless Internet using Wi-Fi, without extra charges.




Connecting to Wi-Fi networks

To use Wi-Fi on your phone, you need to access a wireless access point or 'hotspot'. Some access points are open and you can simply connect to them. Others are hidden or use security features, you must configure your phone to be able to connect to them.

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

NOTE: If you are out of the Wi-Fi zone or have set Wi-Fi to off, additional charges may be applied by your mobile service provider for mobile data use.

Turning Wi-Fi on and connecting to a Wi-Fi network

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Wi-Fi**.
- 2 Tap the switch  to turn Wi-Fi on and start scanning for available Wi-Fi networks.
 - Secured networks are indicated by a lock icon.

Connecting to Networks and Devices

- 3 Tap a network to connect to it.
 - If the network is secured, you are prompted to enter a password or other credentials. (Ask your network administrator for details)
- 4 The Status Bar displays icons that indicate your Wi-Fi status.

Bluetooth




Bluetooth allows you to share data with other Bluetooth-enabled devices and connect to Bluetooth headsets.

NOTE:


- LG is not responsible for the loss, interception or misuse of data sent or received via the Bluetooth wireless feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by Bluetooth SIG, may be incompatible with your device.

Turning on Bluetooth and pairing up your phone with a Bluetooth device

You must pair your phone with another device before you connect to it.

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Bluetooth**.
- 2 Tap the switch  to turn Bluetooth on.

- 3 Tap the check box next to your phone's name to make your phone visible to other Bluetooth devices.

NOTE: To select the length of time that your device will be visible, tap the **Menu Key**  > **Visibility timeout**.

- 4 A list of available devices will be displayed. Choose the device you want to pair with from the list.
- 5 Depending on the type of device, you may have to enter matching codes, confirm matching codes, or the devices will automatically pair.

Once the pairing is successful, your device will connect to the other device.

NOTE: Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you will be asked to enter it.

Send data using the Bluetooth wireless feature

- 1 Select a file or item, such as a contact, calendar event or media file, from an appropriate application or from the **Downloads**  app.
- 2 Select the option for sending data via Bluetooth.

NOTE: The method for selecting an option may vary by data type.

- 3 Search for and pair with a Bluetooth-enabled device.

Connecting to Networks and Devices

Receive data using the Bluetooth wireless feature

- 1 Pair both devices and send a file from the other device.
- 2 Tap **Accept** to confirm that you are willing to receive data from the device.

Connecting to Virtual Private Networks

Virtual private networks (VPNs) allows you to connect to resources inside a secure local network, from outside that network.

To add a VPN

- 1 From the Home screen, tap the **Menu Key**  > **System settings** > **More...** > **VPN**.

NOTE: You must configure a screen lock to use VPN.

- 2 Tap **Add VPN network**.
- 3 Tap the type of VPN you want to add.
- 4 In the screen that opens, follow the instructions from your network administrator to configure each component of the VPN settings.
- 5 Tap **Save**. The VPN will be added to the list on the VPN settings screen.

PC connections with a USB cable

Learn to connect your device to a PC with a USB cable using the different USB connection modes.

Transferring music, photos and videos using Media sync (MTP)

- 1 Connect your phone to a PC using the USB cable provided with your phone.
- 2 A USB connection type list will appear on your phone screen. You can also go to **System settings > PC connection > Select USB connection method > Media sync (MTP)**.
- 3 You can now view media contents on your PC and transfer the files.

Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

- 1 Use the USB cable to connect the phone to a PC on which Windows Media Player has been installed.
 - 2 Select the **Media sync (MTP)** option. When connected, a pop-up window will appear on the PC.
 - 3 Open Windows Media Player to synchronize music files.
 - 4 Edit or enter your device's name in the pop-up window (if necessary).
 - 5 Select and drag the music files you want to the sync list.
 - 6 Start synchronization.
- The following requirements must be satisfied to synchronize with Windows Media Player.





Connecting to Networks and Devices


Items	Requirement
OS	Microsoft Windows XP SP2, Vista or higher
Window Media Player version	Windows Media Player 10 or higher

- If the Windows Media Player version is lower than 10, install version 10 or higher.



Calls

Making a call



- 1 From the Home screen, tap  to open the dial pad.
- 2 Enter the number using the dial pad. To delete a digit, tap .
- 3 Tap  to make a call.
- 4 To end a call, tap .

TIP! To enter “+” to make international calls, touch and hold .

Calling your contacts

- 1 From the Home screen, tap  to open your contact list.
- 2 Scroll through the contact list or tap the **Search contacts** box and enter the contacts name. You can also scroll the alphabet bar along the right side of the screen.
- 3 In the list, tap  next to the desired contact to make the call.

Answering and rejecting a call

- Swipe  in any direction to answer the incoming call.
- Swipe  in any direction to decline an incoming call.

TIP! Decline with message







You can send a message quickly using this function. This is useful if you need to reject a call with message during a meeting.

Calls

Adjusting the in-call volume



To adjust the in-call volume during a call, use the Volume Up and Volume Down Keys on the left-hand side of the phone.

Making a second call

- 1 During your first call, tap **Menu Key** , touch **Add call** and dial the number. You can also go to the recently dialed numbers list by tapping  or search contacts by tapping  and selecting the contact you want to call.
- 2 Tap  to make the call.
- 3 Your initial call is placed on hold.
- 4 Tap  if you want to start a conference call.
- 5 To end active calls, tap .

NOTE: You are charged for each call you make.

Viewing your call logs



From the Home screen, tap  and choose the **Call logs** tab . A complete list of all dialed, received and missed calls is displayed.

TIP!

- Tap any call log entry to view the date, time and duration of the call.
- Tap the **Menu Key** , then tap **Delete all** to delete all the recorded items or tap **Delete** to delete individual items.

Call settings


You can configure phone call settings such as call forwarding, as well as other special features offered by your provider.

- 1 From the Home screen, tap .
- 2 Tap the **Menu Key** .
- 3 Tap **Call settings** and choose the options that you wish to adjust.





Contacts

Add contacts to your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

Searching for a contact

- 1 From the Home screen, tap  to open your contact list.
- 2 Tap the **Search contacts** box and enter the contacts name. You can also scroll the alphabet bar along the right side of the screen.


Adding a new contact

- 1 From the Home screen, tap  and enter the new contact's number.
- 2 Tap the **Menu Key**  > **Add to Contacts** > **New contact**.
- 3 If you want to add a picture to the new contact, tap . Choose from **Take photo** or **Select from Gallery**.
- 4 Tap  at the top of the screen and select the account you want to save the contact to.
- 5 Tap a category of contact information and enter the details about your contact.
- 6 Tap **Save**.



Favorite contacts

You can classify frequently called contacts as favorites.



Adding a contact to your favorites

- 1 From the Home screen, tap  to open your contact list.
- 2 Tap a contact to view its details.
- 3 Tap the star to the right of the contact's name. The star will turn yellow color.

Removing a contact from your favorites list

- 1 From the Home screen, tap  to open your contact list.
- 2 Tap the  tab and choose a contact to view its details.
- 3 Tap the yellow color star to the right of the contact's name. The star turns grey color and the contact is removed from your favorites.

Creating a group



- 1 From the Home screen, tap  to open your contact list.
- 2 Tap the **Groups** tab, then tap the **Menu Key**  > **New group**.
- 3 Enter a name for the new group. You can also set a ringtone for the newly created group.
- 4 Tap **Add members** to add contacts to the group.
- 5 Tap **Save** to save the group.

NOTE: If you delete a group, the contacts assigned to that group will not be lost. They will remain in your contacts.

Messaging


Your phone combines text and multimedia messages into one intuitive, easy-to-use menu.


Sending a message

- 1 Tap  on the Home screen and tap  to compose a new message.
- 2 Enter a contact name or contact number in the **To** field. As you enter the contact name, matching contacts will appear. You can tap a suggested recipient. You can add more than one contact.

NOTE: You will be charged for a text message for every person you send the message to.

- 3 Tap the text field and begin composing your message.
- 4 Tap the **Menu Key**  to access the messaging options.

TIP! You can tap the  icon to attach a file you want to share.

NOTE: All functions of the Messaging app will be limited if the LG Messaging app is not set as the default SMS app. To set the default SMS app, open **Messaging** and tap **Menu Key**  > **Settings** > **Set default message app** > **Default message app** and choose **Messaging**.

- 5 Tap **Send** (or **Send MMS**) to send your message.

WARNING

- The 160-character limit may vary from country to country, depending on the language and how the text message is coded.
- If an image, video or audio file is added to a text message, it is automatically converted into a multimedia message and you are charged accordingly.

View mode

Unread messages are located at the top. Other messages exchanged with another party are displayed in threads and in chronological order so that you can conveniently see an overview of your conversation.

Changing your message settings

Your phone message settings are pre-defined, so you can send messages immediately. You can change the settings according to your preferences.

- Open the **Messaging** app and tap the **Menu Key**  > **Settings**.

Email

You can use the Email application to read emails from services like Gmail. The Email application supports the following account types: POP3, IMAP and Exchange. Your service provider or system administrator can provide you with the account settings you need.

Managing an email account

The first time you open the Email application, a set-up wizard opens to help you to set up an email account.

After the initial set-up, the Email application displays the contents of your inbox. If you have added more than one account, you can switch among accounts.



To add another email account:

- Open the **Email** application and tap the **Menu Key**  > **Settings** > **Add account**.

To change an email account's settings:

- Open the **Email** application and tap the **Menu Key**  > **Settings**. Then tap **General settings** to configure settings for all accounts or tap an individual account to configure settings only for that particular account.

To delete an email account:

- Open the **Email** application and tap the **Menu Key**  > **Settings** > **Menu Key**  > **Remove account** > tap an account > **Remove** > **Yes**.




Working with account folders

Open the **Email** application and tap the **Menu Key**  > **Folders**.

Each account has an Inbox, Outbox, Sent and Drafts folder. Depending on the features supported by your account's service provider, you may have additional folders.

Composing and sending email

To compose and send a message

- 1 While in the **Email** application, tap .
- 2 Enter an address for the message's intended recipient. As you enter text, matching addresses will be proposed from your Contacts. Separate multiple addresses using semicolons.
- 3 Tap the **Cc/Bcc** field to copy recipients. Tap  to attach files, if needed.
- 4 Tap the message field and enter your message.
- 5 Tap  to send the email.



If you aren't connected to a network, for example, if you're working in airplane mode, the messages that you send will be stored in your Outbox folder until you connect to a network again. If it contains any pending messages, the Outbox will be displayed on the Accounts screen.

TIP! When a new email arrives in your Inbox, you will be notified by a sound or vibration (depending on your sound and vibration settings).

Camera




To open the Camera app, tap **Camera**  on the Home screen.

TIP! You can quickly access the Camera app without unlocking your phone first.

- While the screen is off, press and hold the **Volume Down Key**  or **Volume Up Key**  on the left side of the phone.

Getting to know the viewfinder





- 1 Flash** – Choose from **Off** , **On** , **Auto** .
- 2 Swap camera** – Switch between the rear-facing camera lens and the front-facing camera lens.
- 3 Shot mode** – Choose from **Normal**, **Panorama**, **Continuous shot** or **Sports**.
- 4 Settings** – Tap this icon to open the settings menu.

- 5 **Video mode** – Slide this icon down to switch to video mode.
- 6 **Capture button** – Captures a photo.
- 7 **Gallery** – Tap to view the last photo you captured. This enables you to access your Gallery and view saved photos while in camera mode.

NOTE: The memory capacity may differ depending on how you configure your camera settings.

Using the advanced settings

In the viewfinder, tap  to open the advanced options. You can change the camera settings by scrolling through the list. After selecting the option, tap the **Back Key** .



This enables you to take a picture using a voice command. Choose **On** or **Off**.

If set to **On**, say **Cheese, Smile, Whiskey, Kimchi, or LG** to take a photo.



This defines and controls the amount of light entering the lens. Slide the brightness indicator on the bar to set it.



This enables you to select the focus mode.

Choose from **Auto, Manual, and Face tracking**.

Camera



This sets the image size (resolution of the photo) and aspect ratio. Choose from **5M 2560x1920 (4:3)**, **W3M 2240x1344 (5:3)**, and **1M 1280x960 (4:3)**.



This determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera. This is useful in darker conditions when you can't use the flash. Choose from **Auto**, **100**, **200**, **400** and **800**.



This improves white balance in various lighting conditions. Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent** and **Cloudy**.



This applies color effects to your pictures. Choose from **None**, **Mono**, **Sepia** and **Negative**.



This sets a delay after the Capture button is tapped. This is ideal if you want to be in the photo. Choose from **Off**, **3 sec**, **5 sec**, and **10 sec**.






This enables your phone's location-based services. Take pictures wherever you're and tag them with the location. If you upload tagged pictures to a blog that supports geo-tagging, you can see the pictures displayed on a map. Choose **On** or **Off**.



This sets a shutter sound. Choose **Off** or **Tone 1 (2, 3, or 4)**.




This sets the action to take when the Volume keys are pressed. Choose **Capture** or **Zoom**.

	This sets the location where you want to save your images. Choose SD card or Internal storage .
	This provides a quick help guide. Tap it to learn how a function works.
	This restores all of the camera settings back to the default values.

TIP! When you exit the Camera app, some settings return to their defaults, such as brightness, white balance, color effect, ISO, and timer. Check these before you take your next photo.

Taking a quick photo

- 1 Open the **Camera** app.
- 2 Point the lens toward the subject you want to photograph.
- 3 Tap the **Capture** icon  to take the photo.

Once you've taken a photo

- 1 Tap the image preview in the lower-right corner of the screen to view the last photo you captured.
- 2 Tap **Gallery**, then tap **Always** or **Just once**.

NOTE: You can also choose the Photo app to view and edit your photo.

The following icons appear at the top of the Gallery screen:

Camera



Tap to take another photo immediately.



Tap to send your photo to others or share it via social network services.



Tap to delete the photo.

TIP! If you have a social networking account set up on your phone, you can share your photo with your social networking community.

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

Tap the **Menu Key**  to open the following advanced options.

Set image as – Tap to use the photo as a **Contact photo**, **Home screen wallpaper**, **Lock screen wallpaper**, or **Wallpaper**.

Move – Tap to move the photo to another album.

Copy – Tap to copy the selected photo and save it to another album.

Copy to Clip Tray – Tap to copy the picture to Clip Tray.

Rename – Tap to change the name of the selected photo.

Rotate left/right – Tap to rotate the picture to the left or right.

Crop – Tap to crop your photo.

Edit – Tap to edit the photo.

Slideshow – Tap to display a slideshow using all of your photos.

Add location – Tap to add location information to your photo.

Details – Tap to display information about the photo.

Viewing your saved photos

You can access your saved photos when in camera mode. Just tap the image preview in the lower-right corner of the screen.




- 1 Choose the app to use to view and/or edit your photos. Tap **Gallery** or **Photos**.
- 2 Tap **Always** or **Just once**.
 - To view more photos, scroll left or right.
 - To zoom in or out, double-tap the screen or place two fingers and spread them apart (move your fingers closer together to zoom out).

Video camera

To open the video camera, tap **Camera**  on the Home screen, then tap the **Video mode** icon  (on the viewfinder) to switch to video mode.



Getting to know the viewfinder









- 1 Flash** – Choose from **Off** , **On** , **Auto** .
- 2 Swap camera** – Switch between the rear-facing camera lens and the front-facing camera lens.
- 3 Recording mode** – Choose from **Normal** or **Live effect**.
- 4 Settings** – Tap this icon to open the settings menu.
- 5 Camera mode** – Slide this icon up to switch to camera mode.
- 6 Record button** – Records a video.
- 7 Gallery** – Tap to view the last video you recorded. This enables you to access your Gallery and view your saved videos while in video mode.

NOTE: You can use the pinch-to-zoom function (place two fingers on the screen, then spread them to zoom in and pinch in to zoom out) while you're recording a video.

Using the advanced settings

Using the viewfinder, tap  to open the advanced options. After selecting the option, tap the **Back Key** .

	Tap to set the size (in pixels) of the video you want to record. Choose from WVGA 800x480 , VGA 640x480 , QVGA 320x240 (MMS) , and QCIF 176x144 (MMS) .
	This defines and controls the amount of light entering the lens to record your video. Slide the brightness indicator on the bar to set it.
	This improves the white balance in various lighting conditions. Choose from Auto , Incandescent , Sunny , Fluorescent , and Cloudy .
	This applies a color effect to use for your video. Choose from None , Mono , Sepia , and Negative .
	This enables your phone's location-based services for geo-tagging purposes.
	This sets the action to take when the Volume keys are pressed. Choose Record or Zoom .

Video camera



This sets the location where you want to save your videos.
Choose **SD card** or **Internal storage**.






Tap this whenever you want to know how a function works. This icon will provide you with a quick help guide.





Restore all video camera settings back to default.

Recording a quick video

- 1 Open the **Camera** app, then tap the **Video mode** button .
- 2 The video camera viewfinder appears on the screen.
- 3 Point the lens toward the subject you want to capture in your video.
- 4 Tap the **Record** icon  once to start recording.
- 5 A timer showing the length of the video is displayed.
- 6 Tap the **Stop** icon  (in the lower-right corner of the viewfinder) to stop recording.




NOTE:

- Tap  to capture a screen shot while you record.
- Tap  to pause while recording a video.

After recording a video


Tap the image preview at the bottom of the screen to view the last video you recorded.

The following icons appear at the top of the Gallery screen:

	Tap to record another video immediately.
	Tap to send your video to others or share it via social network services.
	Tap to delete the video.

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

Watching your saved videos

- 1 In the viewfinder, tap the image preview at the bottom of the screen.
- 2 Your Gallery will appear on the screen.
- 3 Tap  to play the video automatically.

Adjusting the volume when viewing a video




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

LG Unique Function

Guest Mode

To protect your privacy or limit some applications to your children, you can use the Guest mode. When you lend your phone to others, you can limit the applications to be displayed. In advance, set the Guest mode and customize the options.

NOTE: To use the Guest mode, the pattern lock should be set in advance.

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Guest mode**.
- 2 Tap **Set pattern** to set the pattern used for entering Guest mode.
- 3 Tap **Set apps** to select the apps you want to allow others to view under Guest mode.
- 4 Tap the switch  to enable Guest mode.

Knock Code

You can unlock the screen when the screen is off by tapping the correct area and sequence.

To activate the Knock Code feature

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Lock screen** > **Select screen lock** > **Knock Code**.
- 2 This opens a screen that will guide you through setting up a Knock Code. You have to create a Backup PIN as a safety measure in case you forget your Knock Code.

NOTE: The KnockON feature is disabled while Knock Code is in use.

KnockON

The KnockON feature allows you to turn the screen on and off by simply double tapping on it.

To activate KnockON feature

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Gestures**.
- 2 Place a checkmark on **Screen on/off**.

Using KnockON

- When the screen is off, double-tap the center of it quickly to unlock it.
- To lock the screen, double-tap the Status Bar in any screen (except on the camera viewfinder) or an empty area on the Home screen.

Plug & Pop





Plug & Pop allows you to quickly choose apps to use when plugging in an earphone or USB storage.

- 1 Plug in earphone or USB storage via an On-The-Go (OTG) USB cable.
- 2 The applications panel will display and you can select an app to run.

NOTE: You can edit the applications to display on the panel and set not to show the applications panel.

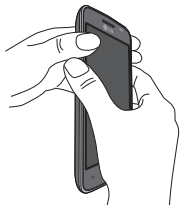
LG Unique Function

To configure Plug & Pop

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings**  > **Accessory** > **USB storage Plug & Pop** or **Earphone Plug & Pop**.
- 2 Checkmark the apps you want to display when connecting an accessory. You can drag  to rearrange the order of the apps.
- 3 Tap the switch  to turn the feature on.

QuickMemo

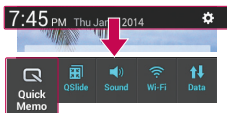
The QuickMemo feature allows you to create memos and capture screen shots. You can use QuickMemo to easily and efficiently create memos during a call, with a saved picture or on the current phone screen.



OR

- 1 Access the **QuickMemo** feature by pressing both Volume Keys for one second on the screen you want to capture.

OR



Drag the Status Bar down and tap  on the Quick Settings Bar.



2 Create a memo using the toolbar options.









3 Tap  in the toolbar to save the memo to the QuickMemo album in your Gallery.

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

LG Unique Function

Using the QuickMemo options

The following options are available when using QuickMemo.

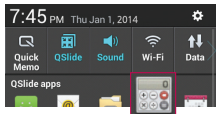
	Allows you to choose a background.
	Undo or redo previous actions.
	Selects the pen type, pen color, and cropping tool.
	Erases the memo that you created.
	Tap to send your memo to others or share it via social network services.
	Saves the memo in the Gallery.

Viewing the saved QuickMemo

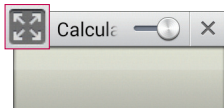
Open the **Gallery**  and select the **QuickMemo** album.

QSlide

The QSlide feature allows you to multitask and view various apps as floating windows on your screen.



OR



1		Tap to exit QSlide and return to full window.
2		Tap to adjust the transparency.
3		Tap to exit QSlide.
4		Tap to adjust the size.

- 1 Touch and slide the Status Bar downwards and tap the desired app from the **QSlide apps** bar.

OR

While using applications that support QSlide, tap . The function will be continuously displayed as a small window on your screen.

- 2 You can make a call, browse the Web, or choose other phone options. You can also use and tap the screen under the small windows when the transparency bar is not full.

NOTE: The QSlide can support up to two windows at the same time.

Multimedia

Gallery

You can store multimedia files in the internal and external memory for easy access to all your multimedia files. Use this application to view multimedia files like pictures and videos.

- From the Home screen, tap  > **Apps** tab (if necessary) > **Gallery** .

NOTE:

- Some file formats are not supported, depending on the software installed on the device.
- Some files may not play properly, depending on how they are encoded.

Viewing pictures

Open the Gallery to display your available albums. When another application, such as Email, saves a picture, the Download folder is automatically created to contain the picture. Likewise, capturing a screenshot automatically creates the Screenshots folder. Select a folder to open it.

Pictures are displayed by creation date in a folder. Select a picture to view it full screen. Scroll left or right to view the next or previous image.


Zooming in and out

Use one of the following methods to zoom in on an image:

- Double-tap anywhere to zoom in.

- Spread two fingers apart on any place to zoom in. Pinch to zoom out, or double-tap to return.

Playing videos

Video files show the  icon in the preview. Select a video to watch it and tap .

NOTE:

- Some file formats are not supported, depending on the device software.
- If the file size exceeds the available memory, an error can occur when you open files.

Editing photos/videos

When viewing an photo/video, tap the **Menu Key**  and use the advanced editing options.

Deleting images

Use one of the following methods:

- In an album, tap  and select photos/videos by tapping them, then tap **Delete**.
- When viewing a photo/video, tap .

Setting a photo as the wallpaper

When viewing a photo, tap the **Menu Key**  and select **Set image as** to set the image as the Home screen or Lock screen wallpaper.

Multimedia

Videos

Your phone has a video player that lets you play all of your favorite videos.

Playing a video

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Videos** .
- 2 Select the video you want to play.



Tap to pause video playback.



Tap to resume video playback.



Touch and hold to fast-forward in 3 second increments. Tap once to fast-forward 10 seconds.



Touch and hold to rewind in 3 second increments. Tap once to rewind 10 seconds.



Tap to adjust the video volume.



Tap to change the ratio of the video screen.



Tap to play the video in a QSlide window.



Tap to lock a video screen.

To change the volume while watching a video, press the Volume Keys on the left side of the phone.



Touch and hold a video in the list. The **Share**, **Delete** and **Details** options will be displayed.

NOTE: While watching a video, slide the left side of the screen up and down to adjust the brightness. Slide the right side of the screen up and down to adjust the volume. You can also slide the bottom part of the screen to the right or left to fast-forward and rewind.

Music

Your phone has a music player that lets you play all of your favorite tracks.

Playing a song

- 1 From the Home screen, tap **Apps**  > the **Apps** tab (if necessary) > **Music** .
- 2 Tap the **Songs** tab.
- 3 Tap the song you want to play.



Tap to find the song on YouTube.



Tap to add the song to your Favorites playlist.



Tap to set shuffle mode.



Tap to set repeat mode.



Tap to adjust the music volume.



Tap to pause playback.



Tap to resume playback.

Multimedia



Tap to skip to the next track on the album or in the playlist. Touch and hold to fast-forward in 3 second increments.



Tap to go back to the beginning of the song. Tap twice to return to the previous song. Touch and hold to rewind in 3 second increments.



Tap to see the Now playing playlist.



Tap to go to the music library.

To change the volume while listening to music, press the Volume Keys on the left side of the phone.




Touch and hold any song in the list to access **Play**, **Add to playlist**, **Share**, **Set as ringtone**, **Delete**, **Details** and **Search**.


NOTE:

- Some file formats are not supported, depending on the phone's software.
- If the file size exceeds the available memory, an error may occur when you open files.
- Music file copyrights may be protected by international treaties and national copyright laws. Therefore, it may be necessary to obtain permission or a licence to reproduce or copy music.
- In some countries, national laws prohibit private copying of copyrighted material. Before downloading or copying the file, check the national laws of the relevant country concerning the use of such material.

Utilities


Setting your alarm


- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Alarm/Clock**  > .
- 2 Set the time and select **AM** or **PM**.
- 3 Set **Repeat**, **Snooze duration**, **Vibration**, **Alarm sound**, **Alarm volume**, **Auto app starter**, **Puzzle lock** and **Memo**.
- 4 Tap **Save** to save the alarm.

NOTE: To change alarm settings, tap the **Menu Key**  on the Alarms screen and select **Settings**.





Using your calculator

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Calculator** .
- 2 Tap the number keys to enter numbers.
- 3 For simple calculations, tap the function you want to perform (, ,  or ) followed by .

NOTE: For more complex calculations, tap the **Menu Key** , select **Scientific calculator**, then choose the desired functions.



NOTE: To check your previous calculation history, tap the **Menu Key** , select **Calculation history**.

Adding an event to your calendar

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Calendar** .
- 2 Tap  and choose from **Day**, **Week**, **Month**, **Year**, or **Agenda** to change the month view.
- 3 Tap the date for which you wish to add an event and touch .
- 4 Tap the **Event name** field and enter the event name.
- 5 Tap the **Location** field and enter the location. Check the date and enter the time you wish your event to start and finish.
- 6 If you wish to add a note to your event, tap the **Description** field and enter the details.
- 7 If you wish to repeat the alarm, set **REPEAT** and set **REMINDERS**, if necessary.
- 8 Tap **Save** to save the event in the calendar.

Tasks






The Tasks app can be synchronized with your MS Exchange account. You can create and manage your tasks using your phone or from MS Outlook or MS Office Outlook Web Access.


- 1 From the Home screen, tap **Apps**  > the **Apps** tab (if necessary) > **Tasks** icon .
- 2 Tap the **Add task** icon  (in the upper-right corner of the screen).
- 3 Enter the necessary information.
- 4 Tap **Save** to save the task.

Voice Recorder

Use the voice recorder to record voice memos or other audio files.

Recording a sound or voice

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Voice Recorder** .
- 2 Tap  to begin recording.
- 3 Tap  to end the recording.
- 4 Tap  to listen to the recording.

NOTE: Tap  to access the list of recordings. You can listen to the saved recording. The available recording time may differ from actual recording time.

ThinkFree Viewer

ThinkFree Viewer is a professional mobile office solution that lets users conveniently view various types of office documents, including Word, Excel and PowerPoint files, anywhere or anytime, using their mobile devices.

- From the Home screen, tap **Apps**  > the **Apps** tab (if necessary) > **ThinkFree Viewer** .

Utilities

Viewing files

Mobile users can now easily view a wide variety of file types, including Microsoft Office documents and Adobe PDF, right on their mobile devices. When viewing documents using ThinkFree Viewer, the objects and layout remain the similar in the original documents.

Google+



Use this application to stay connected with people via Google's social network service.

- From the Home screen, tap  > **Apps** tab (if necessary) > **Google** folder  > **Google+** .

NOTE: This application may not be available depending on the region or service provider.

Voice Search

Use this application to search webpages using voice.

- 1 From the Home screen, tap  > **Apps** tab (if necessary) > **Google** folder  > **Voice Search** .
- 2 Say a keyword or phrase when **Speak now** appears on the screen. Select one of the suggested keywords that appear.

NOTE: This application may not be available depending on the region or service provider.

Downloads

Use the Downloads app to view and access the files you've downloaded through your various apps.

- From the Home screen, tap **Apps**  > the **Apps** tab (if necessary) > **Downloads** .

The Web

Browser







Use this application to browse the Internet. The Browser gives you a fast, full-color world of games, music, news, sports, entertainment and much more, right on your mobile phone wherever you are and whatever you enjoy.

NOTE: Additional charges apply when connecting to these services and downloading content. Check data charges with your network provider.

From the Home screen, tap  > **Apps** tab (if necessary) > **Browser** .

Using the Browser toolbar

Touch and hold the Browser toolbar and slide it upwards with your finger to open it.

	Tap to go back one page.
	Tap to go forward one page, to the page you connected to after the current one. This is the opposite of what happens when you tap the Back Key  , which takes you to the previous page.
	Tap to go to the Home page.
	Tap to add a new window.
	Tap to access bookmarks.

Viewing webpages


Tap the address field, enter the web address and tap **Go** on the keyboard.

Opening a page

To open a new page, tap  > .

To go to an open page, tap , scroll up or down, and tap the page to select it.

Searching the web by voice

Tap the address field, tap , speak a keyword, and then select one of the suggested keywords that appear.

NOTE: This feature may not be available depending on the region or service provider.

Bookmarks

To bookmark the current webpage, tap the **Menu Key**  > **Add to bookmarks** > **OK**.

To open a bookmarked webpage, tap  and select the desired bookmark.

History

To open a web page from the list of recently visited web pages, tap  > **History** tab. To clear the history, tap the **Menu Key**  > **Clear all history**.

The Web

Chrome

Use Chrome to search for information and browse webpages.

From the Home screen, tap  > **Apps** tab (if necessary) > **Chrome** .

Viewing webpages


Tap the address field, enter a web address or search criteria, and tap  on the keyboard.

Opening a page

To open a new page, tap  > **+ New tab**.

To go to an open page, tap , scroll up or down and tap the page to select it.

Searching the web by voice

Tap the address field, tap , speak a keyword and select one of the suggested keywords that appear.

NOTE: This feature may not be available depending on the region or service provider.

Syncing with other devices

Sync open tabs and bookmarks to use with Chrome from other devices when you are logged in with the same Google account.

To view open tabs on other devices, tap the **Menu Key**  > **Other devices**.
Select a webpage to open.

Access bookmarks

To view bookmarks, tap the **Menu Key**  > **Bookmarks**.

Settings

Access the Settings menu

1 From the Home screen, tap  > **Apps** tab (if necessary) > **Settings** .

OR

From the Home screen, tap the **Menu Key**  > **System settings**.

2 Select a setting category and configure the desired settings.

WIRELESS NETWORKS

< **Airplane mode** >


Airplane mode – Activating airplane mode disables all wireless connections.

< **Wi-Fi** >

Wi-Fi – Turns on Wi-Fi to connect to available Wi-Fi networks.

TIP! How to obtain the MAC address

To set up a connection in some wireless networks with MAC filters, you may need to enter the MAC address of your phone in the router.

You can find the MAC address in the following user interface: Access the Wi-Fi settings and tap the **Menu Key**  > **Advanced Wi-Fi** > **MAC address**.

< **Bluetooth** >

Turn the Bluetooth wireless feature on or off.

< Mobile data >

Displays the data usage and allows you to set a mobile data usage limit.

< Call >

Voicemail – Allows you to select your provider's voicemail service.

OUTGOING CALL

Auto retry – Sets the amount of time to wait before automatically redialing a call that failed to connect. Choose from **Off**, **10 sec**, **30 sec**, or **60 sec**.

INCOMING CALL

Incoming voice call pop-up – If you select this function, the incoming call pop-up will be displayed when using applications.

Decline with message – When you want to reject a call, you can send a quick message using this function. This is useful if you need to reject a call during a meeting.

Privacy keeper – Hides the caller name and number for an incoming call.

Home button answers call – Allows you to press the Home button to answer an incoming call.

Auto answer – Allows you to enable or disable Auto answer with handsfree.

ONGOING CALL

TTY mode – Sets the TTY mode to communicate with other TTY devices.

Hearing aids – Checkmark to turn on hearing aid compatibility.

END CALL

Save unknown numbers – Add unknown numbers to your contact list after a call.

Settings

Power button ends call – Checkmark to allow you to end voice calls by pressing the Power/Lock Key.

OTHERS

DTMF tones – Sets the length of the DTMF tones. Choose **Normal** or **Long**.

Call restrictions – Allows you to restrict incoming or outgoing calls.

Call duration – View the duration of calls including Last call, Outgoing calls, Incoming calls and All calls.

Voice privacy – Checkmark to enable enhanced privacy mode.

< More... >

Mobile networks – Turn Data enabled or the Data roaming on or off.

Default message app – Allows you to choose the default messaging app.

VPN – Displays the list of Virtual Private Networks (VPNs) that you've previously configured. Allows you to add different types of VPNs.

NOTE: This feature may not be available depending on the region or service provider.

DEVICE

< Sound >

SOUND PROFILE

Sound profile – Set the sound profile to **Sound**, **Vibrate only**, or **Silent**.

Volumes – Manage the volume for **Ringtone**, **Notifications**, **Touch feedback & system**, and **Music, video, games & other media**.

Quiet mode – Allows you to set a schedule to configure the sound profile to silent. This mutes all sounds except alarms and media and allows repeat calls or calls from certain contacts to ring.

RINGTONES & VIBRATIONS

Phone ringtone – Allows you to set your incoming call ringtone.

Ringtone with vibration – Vibration feedback for calls.

Incoming call vibration – Allows you to set your incoming call vibration.

SYSTEM

Voice notifications – Read out incoming call and message event automatically.

Notification sound – Allows you to set your notification sound.

Touch feedback & system – Set the touch feedback & system for **Dial pad touch tones**, **Touch sounds**, **Screen lock sound**, **Emergency tone** and **Vibrate on touch**.

< Display >

SCREEN

Brightness – Adjust the screen brightness. Checkmark **Night brightness** to set brightness at 0% automatically between 12:00 AM ~ 06:00 AM.

Screen timeout – Set the amount of time before the screen times out.

Screen-off effect – Set the screen off effect used when the screen turns off.

Auto-rotate screen – Set to switch orientation automatically when you rotate the phone.

Daydream – Select the screensaver to display when the phone is sleeping while docked and/or charging.

Settings

FONT

Font type – Change the display font type.

Font size – Change the size of the display font.

ADVANCED SETTINGS

Home button LED – Set the Home button LED brightness and type.

< Home screen >

SCREEN

Wallpaper – Sets the wallpaper to use on your Home screen. Select it from **Gallery**, **Live Wallpapers**, **Photos**, or **Wallpaper gallery**.

Screen swipe effect – Sets the effect when you swipe to change screens. Choose from **Basic**, **Breeze**, **Accordion**, **Panorama**, **Carousel**, **Layer**, and **Domino**.

Allow Home screen looping – Checkmark to set the screens to scroll continuously, eliminating the need to scroll back in the opposite direction when you reach either end.

Portrait view only – Checkmark to set the Home screen is always displayed in portrait view.

DATA

Home backup & restore – Backup and restore the app, widget, and theme configurations.

TIPS

Help – Displays some useful tips for the Home screen.

< Lock screen >

SCREEN SECURITY

Select screen lock – Set a screen lock type to secure your phone. Set **None**, **Swipe**, **Knock Code**, **Face Unlock**, **Pattern**, **PIN** or **Password**.

Screen swipe effect – Sets the effect when you swipe to change screens.

Wallpaper – Select the wallpaper for your lock screen from **Gallery** or **Wallpaper gallery**.

Shortcuts – Customize the shortcuts on the lock screen.

Contact info for lost phone – Show owner info on the lock screen in case your phone is lost.

LOCK TIME

Lock timer – Set the lock time after the screen times out.

Power button instantly locks – Set the screen lock when the Power/Lock Key is pressed.

< Gestures >

Screen on/off – Checkmark to enable KnockON to turn the screen on and off. Quickly double-tap center screen to turn it on. Double-tap the Status Bar, an empty area on the Home screen, or the Lock screen to turn the screen off. For the best results, do not move the phone while using the KnockON feature.

ANSWER ME

Silence incoming calls – Flip the device to silence incoming calls.

OTHERS

Snooze or stop alarm – Flip the device to snooze or stop the alarm.

Settings

Pause video – Flip the device to pause the video.

Help – Touch to get information on using the Gesture functions of your device.

SENSOR

Motion sensor calibration – Improve the accuracy of the tilt and speed of the sensor.

< Storage >

INTERNAL STORAGE – View the internal storage usage.

SD CARD – Check total available SD card space. Tap **Unmount SD card** for safe removal. If no SD card is mounted, tap **Mount SD card**. Tap **Erase SD card** if you want to delete all data from the SD card.

< Battery >

BATTERY INFORMATION

The Battery charge information is displayed on a battery graphic along with the percentage of the remaining charge and its status. Tap the Battery charge icon to display the Battery use screen to see battery usage level and battery use details. It displays which components and applications are using the most battery power. Tap one of the entries to see more detailed information.

Battery percentage on status bar – Checkmark to display the battery level percentage on the Status Bar next to the battery icon.

BATTERY SAVER

Tap the switch  to toggle between On and Off.

TURN BATTERY SAVER ON

Turn Battery saver on – Choose to turn battery saver on when the battery charge gets to a certain battery level. Choose from **Immediately**, **10% battery**, **20% battery**, **30% battery** or **50% battery**.

BATTERY SAVING ITEMS

Auto-sync – Turns off Auto-sync.

Wi-Fi – Turns off Wi-Fi if data is not in use.

Bluetooth – Turns off Bluetooth if it's not connected to a device.

Vibrate on touch – Turns off touch feedback.

Brightness – Adjusts the brightness.

Screen timeout – Adjusts the screen timeout.

Home button LED – Turns off the Home button LED.

Help - You can get more informations about battery saving items.

< Apps >

Use the Apps menu to view details about the applications installed on your phone, manage their data, and force them to stop.

Swipe left and right to select one of the three tabs across the top of the screen to view detailed information for downloaded, running, and all applications.

Tap an entry to view more information, tap **Stop** (or **Force stop**), then **OK** to stop it from running.

Settings

PERSONAL

< Accounts & sync >

Permits applications to synchronize data in the background, whether or not you are actively working in them. Deselecting the **Auto-sync data** setting can save battery power and lower (but not eliminate) data usage.

< Guest mode >

Use Guest mode when you let someone else use your phone. They will only be able to use the applications that you've selected. Once you set it up, you can easily put your phone in Guest mode by drawing the guest pattern on the Lock screen that you set, which is different from your normal unlock pattern. Tap **Help** for more information.

NOTE: To use Guest mode, set the Lock screen to pattern lock. Guest can also use apps not pre-selected but linked to preselected apps.

< Location >

Mode

High accuracy (GPS and networks) – Use GPS, Wi-Fi and mobile networks to estimate location.

Battery saving (Networks only) – Use Wi-Fi and mobile networks to estimate location.

Device sensors only (GPS only) – Use GPS to pinpoint your location.

RECENT LOCATION REQUESTS

Displays apps that have recently requested location information.

LOCATION SERVICES

Allows you to view your Google location settings.

< Security >

ENCRYPTION

Encrypt phone – Allows you to encrypt the phone to keep it secure. After encryption, a PIN or password needs to be entered each time you power the phone on.

Encrypt SD card storage – Allows you to encrypt the SD card data to keep it secure. After encryption, you will not be able to use it in other devices. Any data that is created or updated after disabling encryption will not be encrypted but the data that has been previously encrypted will remain encrypted.

PASSWORDS

Password typing visible – Show the last character of the hidden password as you type.

PHONE ADMINISTRATION

Phone administrators – View or deactivate phone administrators.

Unknown sources – Default setting to install non-Play Store applications.

Verify apps – Disallow or warn before installation of apps that may cause harm.

CREDENTIAL STORAGE

Storage type – Displays the storage type for credential storage.

Trusted credentials – Display trusted CA certificates.

Install from storage – Choose to install encrypted certificates.

Clear credentials – Remove all certificates.

Settings


< Language & input >

Language – Sets the language to use on your device.

Personal dictionary – Displays a list of the personal words that you've added that are not in the standard dictionaries.

KEYBOARD & INPUT METHODS

Default – Sets the default on-screen keyboard to use when entering text.

LG Keyboard – Checkmark to select the LG Keyboard to enter data. Tap  to change the following settings:

Input language and type – Sets the keyboard language and type of keyboard.

Word suggestion – Sets auto word correction and allows you to remove words that are suggested after every word entry.

Auto capitalization – Checkmark to automatically capitalize the first letter of each sentence.

Auto punctuation – Checkmark to insert a period when the space key is double-tapped.


Voice input – Select to display the voice typing key on the keyboard.

Path input – Checkmark to enter text by drawing a path through all of the letters.

Hide keyboard – Checkmark to allow the on-screen keyboard to be hidden by swiping it downward.

Additional settings – Set the following options: **Keyboard Theme**, **Vibrate on keypress**, **Sound on keypress** and **Preview on keypress**.

Help – Displays helpful information about the LG Keyboard.

Google voice typing – Checkmark to select the Google voice typing to enter data. Tap  to change the following settings.

Choose input languages – Allows you to choose the input language. If you uncheck the 'Automatic', you can choose the input methods.

Block offensive words – Checkmark to hide recognized offensive text.

Offline speech recognition – Manages downloaded language packages.

SPEECH

Voice Search – Sets the following options: **Language**, **"Ok Google" hotword detection**, **Speech output**, **Block offensive words**, **Offline speech recognition**, **Personalized recognition** and **Bluetooth headset**.

Text-to-speech output – Sets the preferred speech engine and speech rate (slow vs. fast). Also plays a short demonstration of speech synthesis.

MOUSE/TRACKPAD

Pointer speed – Sets the pointer speed using a slide bar to select it.

< **Backup & reset** >

BACKUP & RESTORE

Back up my data – Backup your app data, Wi-Fi passwords, and other settings to Google servers.

Backup account – Allows you to set the account to which you want to backup data to.

Automatic restore – When reinstalling an app, restore backed up settings and data.

Settings

PERSONAL DATA

Factory data reset – Reset your settings to the factory default values and delete all your data.

SYSTEM

< Date & time >


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 – Sets the format for displaying dates.


< Accessibility >

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

VISION

TalkBack – Allows you to set up the TalkBack function which assists people with impaired vision by providing verbal feedback. Tap the switch  at the top right corner of the screen to turn it on. Tap **Settings** at the bottom of the screen to adjust the TalkBack settings.

Large text – Checkmark to increase the size of the text.

Touch zoom – Tap the Touch zoom switch  to toggle it On or Off. Turning this feature on allows you to zoom in and out by triple-tapping the screen.

Screen shades – Checkmark to set the screen to a darker contrast (dims the backlight).

Text-to-speech output – Sets the text-to-speech preferred engine and speech rate setting. Also plays a short demonstration of speech synthesis. Text-to-speech output provides an audible readout of text, for example, the contents of text messages, and the Caller ID for incoming calls.

HEARING

Audio type – Sets the audio route. Choose **Mono** or **Stereo**.

Sound balance – Move the slider along the bar to set the balance between the left and right sound channel.

Captions – Set the caption style on your phone. Adjust the **Language**, **Text size** and **Caption style**.

PHYSICAL AND MOTOR

Touch feedback time – Sets the touch and feedback time. Choose from **Short**, **Medium**, or **Long**.

Universal touch – Tap the Universal touch switch to toggle it On or Off. Turning this feature on allows you to replace the hardware keys with a Universal touch board. Tap the Universal touch icon to be able to tap its Volume buttons, Power button, Home button and Pinch button. Draw a "C" ("call") on the board to automatically display the Dial tab. Draw an "M" on the board to automatically display the Messaging app. Draw a "W" ("web") on the board to automatically launch the Chrome app.

SYSTEM

Auto-rotate screen – Checkmark to allow the device to rotate the screen depending on the device orientation (portrait or landscape).

Read passwords – Checkmark to allow voice confirmations of characters when inputting passwords.

Settings

Power key ends call – Checkmark so that you can end voice calls by pressing the Power/Lock Key.

Accessibility settings shortcut – Turning this feature on allows you to activate an accessibility feature by pressing the Home Key 3 times. Choose from **Off**, **Show all**, **TalkBack**, **Universal touch**, and **Accessibility settings**.

SERVICES

List of installed accessibility services.

NOTE: Requires additional plug-ins to become selectable.


< PC connection >


Select USB connection method – Set the default mode used when connecting the phone to a PC via a USB cable. Choose from **Charge phone**, **Media sync (MTP)**, and **Send image (PTP)**.



Ask upon connecting – Checkmark to confirm the USB connection type when you connect to a PC.

Help – Displays connection settings information.

< Accessory >

QuickWindow case – Tap the QuickWindow case switch  to toggle it On or Off. Turning this feature on allows you to use selected phone functions in the case's window without opening the case. Tap **Select apps** to set the functions you want to make available or view help information.

USB storage Plug & Pop – Tap the switch  to toggle it On or Off. Turning this feature on will automatically display the app panel when your phone is connected via an On-The-Go (OTG) USB cable. Checkmark the apps you want to make available. Drag  to rearrange the order of the apps.

Earphone Plug & Pop – Tap the switch  to toggle it On or Off. Turning this feature on will automatically display the app panel when an earphone is connected. Checkmark the apps you want to make available. Drag  to rearrange the order of the apps.

< **Printing** >

PRINT SERVICES

Cloud Print – This menu allows you to access your cloud print services.

< **About phone** >

This menu allows you to manage your software updates and view various information relating to your device.

Phone name – Allows you to change your phone name. This will be your phone name for Bluetooth, Wi-Fi Direct, etc.

Update Center – Check updates for apps and software provided by LG Electronics.

Network – Allow you to view your network, network type and strength, service state, roaming status, mobile network state, and IP address.

Status – Allow you to view your phone number, MIN, PRL version, ESN, MEID HEX, MEID DEC.

Battery – Allows you to view the battery status, battery level, and battery use information.

Settings

Hardware information – Allows you to view the model number, up time, Wi-Fi MAC address and Bluetooth address.

Software information – Allows you to view the Android version, baseband version, kernel version, build number, and software version.


Legal information – Allow you to view LG apps rights agreement, open source licenses and Google legal information.

Patent information – Display LG patent information.

Phone software update

Update your smart phone without a PC (FOTA)

This feature allows you to conveniently update your phone's software to a newer version via Firmware Over-the-Air (FOTA), without connecting with to a USB cable.

- 1 From the Home screen, tap the **Menu Key**  > **System settings** > **About phone** > **Update Center** > **Software Update**.
- 2 Select the desired option.
 - **Update now** – You can check the new software update and conduct the update.
 - **Check current version** – You can check the current software version.
 - **Last update** – Displays the date of the last software update.

NOTE:

- After download, you can install the software immediately or select a later time for the installation.
- Each software version is updated sequentially. Even after the update is completed, check if there is any newer version available.
- LG reserves the right to make firmware updates available only for selected models at its own discretion and does not guarantee the availability of the newer version of the firmware for all phone models.

Accessories

These accessories are available for use with your phone. **(Items described below may be optional and sold separately.)**

Charger adapter

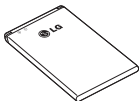


USB cable

Connect your phone and PC.



Battery



User Guide

Learn more about your phone.




NOTE:


- Always use genuine LG accessories. Failure to do this may void your warranty.
- Accessories may vary in different regions.




FAQ

Please check to see if any problems you have encountered with your phone are described in this section before taking the phone in for service or calling a service representative.




Category	Question	Answer
Sub-Category		
Bluetooth Bluetooth Devices	What are the functions available via Bluetooth?	You can connect Bluetooth audio devices such as a Stereo/Mono headset or Car Kit. You can also connect with compatible Bluetooth devices using the Gallery and Contacts apps to share pictures, videos, contacts, etc. Also when an FTP server is connected to a compatible device, you can share contents stored in the phone's memory or in the microSD card.
Data Contacts Backup	How can I back up Contacts?	The Contacts data can be synchronized between your phone and Gmail™.
Data Synchronization	Is it possible to set up one-way sync with Gmail?	Only two-way synchronization is available.
Data Synchronization	Is it possible to synchronize all of the Email folders?	The Inbox is automatically synchronized. You can view other folders by tapping the Menu Key  , then tapping Folders to choose a different folder.
Google™ Service Gmail Log-In	Should I have to log into Gmail whenever I want to access Gmail?	Once you log in to Gmail, you don't need to log in again.
Google Service Google Account	Is it possible to filter emails?	No, email filtering is not supported via the phone.




FAQ

Category Sub-Category	Question	Answer
Phone Function YouTube™	Is it possible to play YouTube videos?	Yes, YouTube videos are supported but may have to be viewed through the YouTube app (and not through the Chrome app).
Phone Function Email	What happens when I execute another app while writing an email?	Your email will automatically be saved as a draft.
Phone Function Ringtone	Is there a file size limitation for when I want to use an MP3 file as a ringtone?	There is no file size limitation.
Phone Function Receiving Messages	My phone won't receive messages anymore. How can I fix this?	Your phone can't receive new messages when there is less than 10MB of space available in the phone's memory. Check your phone memory and delete some data (such as messages, pictures, or downloaded apps) to free up some space. To check your phone memory: From the Home screen, tap the Menu Key  > System settings > Storage .
Phone Function Message Time	My phone does not display the time of receipt for messages older than 24 hrs. How can I change this?	<ol style="list-style-type: none">1. Open the message thread that contains the message you want to check.2. Touch and hold the message. Tap View message details in the Context menu that appears.
Phone Function microSD Card	What is the maximum supported size for a memory card?	32 GB memory cards are compatible.
Phone Function Navigation	Is it possible to install another navigation app on my phone?	Any app that is available on Play Store and is compatible with the hardware can be installed and used.


Category Sub-Category	Question	Answer
Phone Function Synchronization	Is it possible to synchronize my contacts from all of my email accounts?	Only Gmail and MS Exchange server (Company Email Server) contacts can be synchronized.
Phone Function Wait and Pause	Is it possible to save a contact with Wait and Pause in the numbers?	<p>If you transferred a contact with the wait and pause functions saved into the number, they won't work. You'll need to re-save each number.</p> <p>How to re-save with Wait and Pause:</p> <ol style="list-style-type: none"> 1. From the Home screen, tap the Phone icon . 2. Enter the number, then tap the Menu Key . 3. Tap Add 2-sec pause or Add wait, then continue entering the numbers and save it.
Phone Function Security	What are the phone's security functions?	You're able to set the phone to require the entry of a screen unlock sequence (pattern, PIN, or password) before the phone can be accessed or used.
Phone Function Unlock Pattern	What should I do if I forget my Unlock Pattern?	After 5 unsuccessful attempts, you can tap Forgot Pattern? at the bottom of the screen and use your Google Account information or Backup PIN to unlock your phone.
Phone Function Unlock Pattern	How do I create an Unlock Pattern?	<ol style="list-style-type: none"> 1. From the Home screen, tap the Menu Key . 2. Tap Lock screen settings > Select screen lock > Pattern. The first time you do this, a short tutorial about creating a pattern appears. 3. Set it up by drawing your pattern once, then again for confirmation.
Phone Function Memory	Will I know when my memory is full?	Yes, you'll receive a notification.

FAQ

Category Sub-Category	Question	Answer
Phone Function Language Support	Is it possible to change the language?	<p>The phone has bilingual capabilities.</p> <p>To change the language:</p> <ol style="list-style-type: none">1. From the Home screen, tap the Menu Key , then tap System settings.2. Tap Language & input > Language.3. Tap the language you want to use.
Phone Function VPN	How do I set up a VPN?	<p>VPN access configuration is different according to each company. To configure VPN access from your phone, you must obtain the details from your company's network administrator.</p>
Phone Function Screen timeout	My screen turns off after only 15 seconds. How can I change the amount of time before the backlight turns off?	<ol style="list-style-type: none">1. From the Home screen, tap the Menu Key  > System settings > Display > Screen timeout.2. Tap the preferred screen backlight timeout time.
Phone Function Audible tap tones	When I dial a number, the phone plays tones. How do I turn this off?	<ol style="list-style-type: none">1. From the Home screen, tap the Menu Key  > System settings > Sound > Touch feedback & system.2. Tap Dial pad touch tones to remove the checkmark and disable the function.
Phone Function Wi-Fi and 3G	When Wi-Fi and 3G are both available, which service will my phone use?	<p>When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connectivity on your phone is set to On). However, there will be no notification when your phone switches from one to the other.</p> <p>To know which data connection is being used, view the 3G or Wi-Fi icon in the Status Bar (at the top of your screen).</p>

Category Sub-Category	Question	Answer
Phone Function Home screen	Is it possible to remove an app from the Home screen?	Yes. Touch and hold the icon until the trash can icon appears at the top of the screen. Then, without lifting your finger, drag the icon to the trash can and lift your finger.
Phone Function Application	I downloaded an app and it causes a lot of errors. How do I remove it?	<ol style="list-style-type: none"> 1. From the Home screen, tap the Menu Key  > System settings > Apps. 2. Scroll to the DOWNLOADED apps tab, then tap the app to uninstall. 3. Tap Uninstall and OK to confirm.
Phone Function Charging	Is it possible to charge my phone using the USB Cable without installing the necessary USB driver?	Yes, the USB Cable will allow the battery to be charged by your PC whether or not the necessary drivers have been installed on the PC.
Phone Function Ringtones	Can I use music files for my ringtone?	Yes. After saving a music file you can use it for your ringtone. Touch and hold a song in a library list. Tap Set as ringtone in the Context menu that appears.
Phone Function Alarm	Will my alarm be audible or will it go off if the phone is turned off?	No, this is not supported.
Phone Function Alarm	If my Ringer Volume is set to Off or Vibrate, will I hear my Alarm?	From the Alarm tab in the Alarm/Clock app, tap the Menu Key  > Settings . Checkmark Alarm in silent mode .
Phone Spec Band	Which wireless bands are supported by the phone?	Your phone is able to operate on the 800MHz and 1900MHz bands.
Recovery Solution Screen Freeze	My screen isn't responding. How do I unfreeze it?	Press and hold the Power/Lock Key  (on the right side of the phone) for 10 seconds. Your phone will turn off and restart itself.

FAQ

Category	Question	Answer
Sub-Category		
Recovery Solution Factory Reset	How do I perform a factory reset?	<ol style="list-style-type: none">1. From the Home screen, tap the Menu Key  > System settings > Backup & reset > Factory data reset.2. Read the warning, then tap Reset phone.3. Tap Erase everything and OK to confirm. <p>Attention: If a factory reset is performed, all installed apps and user data will be erased. Please remember to back up any important data before performing a factory reset.</p>

For your safety

The highest SAR value for this model phone when tested for use at the ear is 1.14 W/kg and when worn on the body, as described in this user guide, is 1.20 W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea/fccid/> after searching on FCC ID ZNFVS450PP.

- To reduce risk of fire or burns, do not expose to temperature above 50°C (122 °F), or dispose of in fire.
- To reduce risk of fire or burns, do not dispose of in fire or water.
- Do not disassemble or open crush, bend or deform, puncture or shred.
- There is a danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 50°C (122 °F), or dispose of in fire or water. Keep this product away from excessive moisture and extreme temperatures. Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.

For your safety

- Use only original manufacturer-approved accessories, or accessories that do not contain any metal. Please only use an approved charging accessory to charge your LG phone. Improper handling of the Accessory/Charger Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.
- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.

