



MFL69590901 (1.0) www.lg.com

User Guide

- Some content and illustrations may differ from your device depending on the region, service provider, software version, or OS version, and are subject to change without prior notice.
- Always use genuine LG accessories. The supplied items are designed only for this
 device and may not be compatible with other devices.
- Available accessories may vary depending on your region, country or service provider.
- This handset is not suitable for people who have a visual impairment due to the touchscreen keyboard.
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Guidelines for safe and efficient use

Symbol	Description
A	Read these instructions for safe use of this wireless device
	You must always exercise extreme caution when driving in order to reduce the risk of accidents. Do not use your wireless device while driving.
İ -fi	This device, moreover, has been tested for use at a distance of 1.5 cm between the back of the phone and the user's body. To comply with RF exposure requirements established by the FCC, you must maintain a minimum distance of 1 cm between the user's body and the back of the phone. See the user manual for more information.
	Do not leave the device or its accessories within the reach of children and do not allow to play with. The device contains small parts with sharp edges that may cause injury or break off and give rise to danger of suffocation.
19\	This device may produce a loud sound
	Pacemaker manufacturers recommend that you leave at least 15 cm of space between other devices and a pacemaker to avoid potential interference with the pacemaker.
%	Switch off your phone when prompted to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical devices.

Symbol	Description
4	Turn off your wireless device when prompted to do so by airport personnel or aircraft. For information on the use of wireless devices on board aircraft, contact the crew. If the device has a "flight mode", this must be activated before boarding an aircraft.
**	Turn off the device or wireless device when in any area in which they occur explosions or areas where there are reports that indicate to "turn off two-way radio" or "electronic devices" to avoid interfering with the operation of trigger explosions.
A	Among the areas with potentially explosive atmospheres include fueling areas are, the holds of ships, facilities for the transportation or storage of fuel and chemicals, areas where the air contains chemicals or particles such as grain, dust or metal powders.
	This device may produce a bright or flashing light
B	Do not expose your device or its accessories to open flames.
É	Do not expose your device or its accessories to magnetic media (floppy disks, credit cards, etc).
	Do not expose your device or its accessories to extreme temperatures.
	Do not expose your device or its accessories to liquid or moisture.
Î	Not groped to disassemble the device or its accessories, only authorized personnel can do it.
3	This device, like any wireless device, operates using radio signals which, by their nature, are not able to guarantee connection in all conditions. Therefore, for emergency communications, never rely solely upon any wireless device.

Symbol Description



Only use approved accessories

Please read these simple guidelines. Not following these guidelines may be dangerous or illegal.

Should a fault occur, a software tool is built into your device that will gather a fault log. This tool gathers only data specific to the fault, such as signal strength, cell ID position in sudden call drop and applications loaded.

The log is used only to help determine the cause of the fault.

These logs are encrypted and can only be accessed by an authorized LG Repair centre should you need to return your device for repair.

Exposure to radio frequency energy

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population.

The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the device while operating can be well below the maximum value. This is because

the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the device.

Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person.

The highest SAR value for this device when tested for use at the ear is 0.682 W/kg. This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 cm away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the product at least 1.5 cm away from your body. In order to transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed.

The highest SAR value for this device when tested for use at the body is 0.441 W/kg. * The SAR limit for mobile devices used by the public is 2.0 watts/ kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

SAR values may vary depending on national reporting requirements and the network band.

FCC SAR information

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada

These requirements set a SAR limit of 1.6 W/kg averaged over 1 gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is 1.10 W/kg and when properly worn on the body is 1.07 W/kg.

Additionally, this device was tested for typical body-worn operations with the back of the phone kept 1cm (0.39 inches) between the users body and the back of the phone.

To comply with FCC RF exposure requirements, a minimum separation distance of 1cm (0.39 inches) must be maintained between the user's body and the back of the phone.

* FCC Notice & Caution

Notice!

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

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

Caution!

Change or Modifications that are not specifically approved by the manufacturer could void the user's authority to operate the equipment.

Product care and maintenance



Only use batteries, chargers and accessories approved for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone and may be dangerous.

- The flexibility of this product is limited to withstand ordinary and normal use. This phone may be bent flat up to 180 degrees for a limited period of time but should not be bent inward. Damages caused by misuse, including but not limited to intentionally bending or continually exerting force on the product, may lead to permanent damage to the display and/or other parts and functions of the phone.
- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- Repairs under warranty, at LG's discretion, may include replacement parts or boards that are either new or reconditioned, provided that they have functionality equal to that of the parts being replaced.
- Keep away from electrical appliances such as TVs, radios and personal computers.
- The unit should be kept away from heat sources such as radiators or cookers.
- · Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- Switch off the phone in any area where you are required to by special regulations.
 For example, do not use your phone in hospitals as it may affect sensitive medical equipment.
- Do not handle the phone with wet hands while it is being charged. It may cause an
 electric shock and can seriously damage your phone.
- Do not charge a handset near flammable material as the handset can become hot and create a fire hazard.

- Use a dry cloth to clean the exterior of the unit (do not use solvents such as benzene, thinner or alcohol).
- Do not charge the phone when it is on soft furnishings.
- The phone should be charged in a well ventilated area.
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object as it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use accessories like earphones cautiously. Do not touch the antenna unnecessarily.
- Do not use, touch or attempt to remove or fix broken, chipped or cracked glass.
 Damage to the glass display due to abuse or misuse is not covered under the warranty.
- Your phone is an electronic device that generates heat during normal operation.
 Extremely prolonged, direct skin contact in the absence of adequate ventilation may result in discomfort or minor burns. Therefore, use care when handling your phone and charger (fast charger) during or immediately after operation.
- If your phone gets wet, immediately unplug it to dry off completely. Do not attempt to accelerate the drying process with an external heating source, such as an oven, microwave or hair dryer.
- The liquid in your wet phone, changes the colour of the product label inside your phone. Damage to your device as a result of exposure to liquid is not covered under your warranty.

Efficient phone operation

Electronics devices

All mobile phones may receive interference, which could affect performance.

- Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over pacemakers, for example, in your breast pocket. Please consult your doctor to determine if operation of your phone may interfere with the operation of your medical device.
- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs etc.
- Use your phone in temperatures between 0°C and 40°C, if possible. Exposing your
 phone to extremely low or high temperatures may result in damage, malfunction, or
 even explosion.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Road safety

Check the laws and regulations on the use of mobile phones in the area when you drive.

- Do not use a hand-held phone while driving.
- Give full attention to driving.
- Pull off the road and park before making or answering a call if driving conditions so require.
- RF energy may affect some electronic systems in your vehicle such as car stereos and safety equipment.
- When your vehicle is equipped with an air bag, do not obstruct with installed or portable wireless equipment. It can cause the air bag to fail or cause serious injury due to improper performance.
- If you are listening to music whilst out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is of particular importance when near roads.

Avoid damage to your hearing



To prevent possible hearing damage, do not listen at high volume levels for long periods.

Damage to your hearing can occur if you are exposed to loud sound for long periods of time. We therefore recommend that you do not turn on or off the handset close to your ear. We also recommend that music and call volumes are set to a reasonable level.

 When using headphones, turn the volume down if you cannot hear the people speaking near you, or if the person sitting next to you can hear what you are listening to. **NOTE:** Excessive sound pressure from earphones and headphones can cause hearing loss.

Glass Parts

Some parts of your mobile device are made of glass. This glass could break if your mobile device is dropped on a hard surface or receives a substantial impact. If the glass breaks, do not touch or attempt to remove it. Stop using your mobile device until the glass is replaced by an authorised service provider.

Blasting area

Do not use the phone where blasting is in progress. Observe restrictions and follow any regulations or rules.

Potentially explosive atmospheres

- Do not use your phone at a refueling point.
- · Do not use near fuel or chemicals.
- Do not transport or store flammable gas, liquid or explosives in the same compartment of your vehicle as your mobile phone or accessories.

In aircraft

Wireless devices can cause interference in aircraft.

- Turn your mobile phone off before boarding any aircraft.
- Do not use it on the ground without permission from the crew.

Children

Keep the phone in a safe place out of the reach of small children. It includes small parts which may cause a choking hazard if detached.

Emergency calls

Emergency calls may not be available on all mobile networks. Therefore you should never depend solely on your phone for emergency calls. Check with your local service provider.

Battery information and care

- You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- Use only LG batteries and chargers. LG chargers are designed to maximise the battery life.
- Do not disassemble or short-circuit the battery.
- Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times before it needs replacing.
- Recharge the battery if it has not been used for a long time to maximise usability.
- Do not expose the battery charger to direct sunlight or use it in high humidity, such as in the bathroom.
- Dispose of used batteries according to the manufacturer's instructions. Please recycle when possible. Do not dispose as household waste.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.
- Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.

- Make sure that no sharp-edged items such as animal's teeth or nails, come into contact with the battery. This could cause a fire.
- Do not leave the phone in hot or cold places, as this may deteriorate phone performance.
- Power Consumption (Networked Standby Mode): 0.46 W

♠ WARNING

Notice for Battery replacement

- · Li-Ion Battery is a hazardous component which can cause injury.
- Battery replacement by non-qualified professional can cause damage to your device.
- Do not replace the battery by yourself. The battery can be damaged, which
 can cause overheat and injury. The battery must be replaced by the authorized
 service provider. The battery should be recycled or disposed separately from
 household waste.
- In case this product contains a battery incorporated within the product which cannot be readily removed by end-users, LG recommends that only qualified professionals remove the battery, either for replacement or for recycling at the end of this product's working life. To prevent damage to the product, and for their own safety, users should not attempt to remove the battery and should contact LG Service Helpline, or other independent service providers for advice.
- Removal of the battery will involve dismantling of the product case, disconnection of the electrical cables/contacts, and careful extraction of the battery cell using specialized tools. If you need the instructions for qualified professionals on how to remove the battery safely, please visit http://www.lge. com/global/sustainability/environment/take-back-recycling.

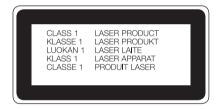
Laser safety statement

Caution!

This product employs a laser system. To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service center.

Use of controls, adjustments, or the performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure or make direct contact with the laser.



Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

HOW TO LIPDATE YOUR DEVICE

Access to latest firmware releases, new software functions and improvements.

- · Select the software update in settings menu on your device.
- Update your device by connecting it to your PC. For more information about using this function, please visit http://www.lg.com/common/index.jsp select country and language.

DECLARATION OF CONFORMITY

Hereby, LG Electronics declares that this LG-H955 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at http://www.lg.com/global/declaration

Contact office for compliance of this product :

LG Electronics Inc.

EU Representative, Krijgsman 1, 1186 DM Amstelveen. The Netherlands



Disposal of your old appliance

- 1 All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- 2 The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
- 3 For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.



Disposal of waste batteries/accumulators

- 1 This symbol may be combined with chemical symbols for mercury (Hg), cadmium (Cd) or lead (Pb) if the battery contains more than 0.0005% of mercury, 0.002% of cadmium or 0.004% of lead.
- 2 All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- 3 The correct disposal of your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.
- 4 For more detailed information about disposal of your old batteries/ accumulators, please contact your city office, waste disposal service or the shop where you purchased the product.

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 must check your phone memory and delete some data, such as applications or messages, to make more memory available.

To uninstall applications:

- 1 Tap \bigcirc > \bigcirc > Apps tab (if necessary) > \bigcirc > General tab > Apps.
- 2 Once all applications appear, scroll to and select the application you want to uninstall.
- 3 Tap Uninstall.

2. Optimizing battery life

Extend your battery's power by turning off features that you do not need to run constantly in the background. You can monitor how applications and system resources consume battery power.

Extending your phone's battery life:

 Turn off radio communications when you are not using. If you are not using Wi-Fi, Bluetooth® or Location services (including GPS), turn them off.

Important notice $\overline{19}$

- Reduce screen brightness and set a shorter screen timeout.
- Turn off automatic syncing for Gmail, Calendar, Contacts and other applications.

NOTE:

- Some applications you download may consume battery power.
- While using downloaded applications, check the battery charge level.

NOTE: If you accidently press the **Power/Lock Button** while the device is in your pocket, the screen will turn off automatically in order to save battery power.

3. Before installing an open source application and OS

A 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.

A WARNING

To protect your phone and personal data, only download applications from trusted sources, such as Play Store $^{\text{TM}}$. 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. Opening and switching applications

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

- 1 Tap . App previews of recently used applications will be displayed.
- 2 Tap the application you want to access. This does not stop the previous app from running in the background. Make sure to tap

 √ to back out of a window after using it.
 - To close an app from the recent apps list, swipe the app preview to the left or right.
 To clear all apps, tap Clear all.

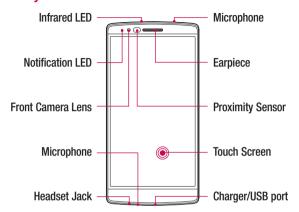
5. If the screen freezes

If the screen freezes or the phone does not respond when you try to operate it: Press and hold the Power/Lock Button and Volume Down Button for about 10 seconds to reset your phone. To turn your phone off, press and hold the Power/Lock Button and the Volume Down Button for about 20 seconds. If it still does not work, please contact the service center.

Important notice $\overline{21}$

Getting to know your phone

Phone layout

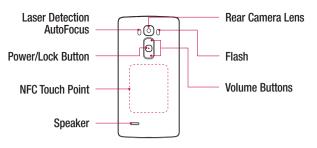


NOTE: Proximity sensor

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

↑ WARNING

Placing a heavy object on the phone or sitting on it can damage the display and touch screen functions. Do not cover the proximity sensor with screen protectors or any other type of protective film. This could cause the sensor to malfunction.



Power/Lock Button	Turn your phone on/off by pressing and holding this button Short press to lock/unlock the screen	
Volume Buttons	(While screen is off)	
	Long press the Up key to launch Capture+	
	Long press the Down key to launch Camera	

A WARNING

Be careful not to damage the NFC touch point on the phone, as this is part of the NFC antenna.

NOTE: The back cover of this product applies a "self-healing" technology, which self-repairs minor scratches in just a few minutes. Minor scratches are those cause by ordinary and normal use of the phone. Scratches caused by abrasive surface, misuse, including but not limited to intentional scratches, and damages caused by a fall or dropping the product, may not disappear. The "self-healing" results may vary depending on the extent of the damage as well as other conditions. Any warranty on the "self-healing" is hereby expressly excluded.

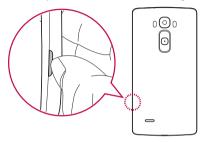
NOTE: LDAF Sensor (Laser Detection AutoFocus Sensor)

By detecting the distance with laser, when you recording with the rear camera lens, LDAF Sensor enables you to focus the long or close range more fast and accurately.

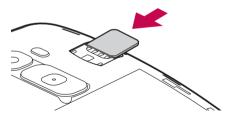
Installing the SIM or USIM card

Before you can start exploring your new phone, you need to set it up.

1 To remove the back cover, hold the phone firmly in one hand. With your other hand, lift off the back cover with your thumbnail as shown in the figure below.

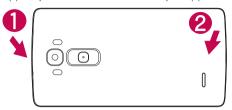


2 Slide the SIM card into the lower slot for the SIM card as shown in the figure. Make sure the gold contact area on the card is facing downward.



NOTE: Only the microSIM cards work with the device.

3 To replace the cover onto the device, align the back cover over the battery compartment (1) and press it down until it clicks into place (2).



Charging the phone

Charge the battery before using it for first time. Use the charger to charge the battery.

⚠ WARNING

Use only LG-approved chargers, batteries and cables. If you use unapproved chargers, batteries or cables, it may cause battery charging delay or pop up message regarding slow charging, Or this can cause the battery to explode or damage the device, which are not covered by the warranty.

The charger connector is at the bottom of the phone. Insert the charger and plug it into a power outlet.



NOTE: Do not open the back cover while your phone is charging.

Inserting a memory card

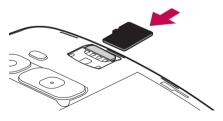
Your device supports up to a 2TB microSD card. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

⚠ WARNING

Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.

NOTE:

- Frequent writing and erasing of data shortens the lifespan of memory cards.
- Remove the back cover.
- 2 Insert a memory card with the gold-coloured contacts facing downwards.



3 Replace the back cover.

Unlocking the screen

By default, your screen will lock after a period of inactivity, then turn off.

Unlocking the screen

- 1 Press the **Power/Lock Button** or double-tap on the screen.
- 2 Swipe the screen in any direction to unlock it.

TIP! Smart Lock

You can use **Smart Lock** to make unlocking your phone easier. You can set it to keep your phone unlocked when you have a trusted Bluetooth device connected to it, when it's in a familiar location like your home or work, or when it recognises your face.

Setting up Smart Lock

- 1 Tap **○** > **::** > **Apps** tab > **:**.
- 2 Tap Display tab > Lock screen > Smart Lock.
- 3 Before you add any trusted devices, trusted places, or trusted face, you need to set up a screen lock (Knock Code, Pattern, PIN, or Password).

Your Home screen

Touch screen tips

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

- Tap or touch 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 tapping it and not lifting your finger until an action occurs.
- 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 tap it (so you don't drag an item
 instead).
- Double-tap Double-tap to zoom on a webpage or a map (if the feature is supported by the application).
- Pinch-to-Zoom Use your index finger and thumb in a pinching or spreading motion to zoom in or out when using the browser or Maps, or when browsing pictures (if the feature is supported by the application).
- Rotate the screen From many applications and menus, the physical orientation
 of the screen adjusts to the device's physical orientation.

NOTE:

- Do not press too hard; the tap 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

The Home screen is the starting point for many applications and functions. It allows you to add items like app shortcuts and Google widgets to give you instant access to information and applications. This is the default canvas and accessible from any menu by tapping \bigcirc .



- Shows phone's status information, including the time, signal strength, battery status and notification icons.
- Widgets are self-contained applications that can be accessed through the Apps drawer or on the Home screen. Unlike a shortcut, a Widget can function as an on-screen application.
- 3 Tap an icon (application, folder, etc.) to open and use it.
- 4 Indicates which Home screen canvas you are currently viewing.
- 6 Provides one-touch access to the function in any Home screen canvas.

6	Sack Button	Returns to the previous screen. Also closes pop-up items, such as menus, dialog boxes and the on-screen keyboard. Touch and hold it to access the Dual window.		
	O Home Button	Return to the Home screen from any screen.		
	Overview Button	Displays recently used applications. If you touch and hold this key, it opens a menu of available options.		

Extended Home screen

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

 Slide your finger left or right across the Home screen to access additional canvases.

Customizing the Home screen

You can customize your Home screen by adding apps and widgets and changing wallpapers.

Adding items on your Home screen

- 1 Touch and hold the empty part of the Home screen.
- 2 In the Add Mode menu, select the item you want to add. You then see this added item onto the Home screen canvas.
- **3** Drag it to the desired location and lift your finger.

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

Removing an item from the Home screen

• **Home screen** > Touch and hold the icon you want to remove > drag it to $\widehat{\ }$.

Adding an app as a Quick key

• From the Apps menu or on the Home screen, touch and hold an application icon and drag it to the Quick key area. Up to 7 apps can be added.

Removing an app from the Quick key area

• Touch and hold the desired quick key and drag it to $\widehat{\ }$.

NOTE: Apps Button cannot be removed.

Customizing app icons on the Home screen

- 1 Touch and hold an application icon already on the Home screen canvas. The editing icon papears in the upper-right corner of the application.
- 2 Tap the application icon again and select the desired icon design and size.
- 3 Tap **OK** to save the change.

Returning to recently-used applications

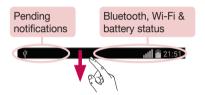
- 1 Tap . A list of recently used applications will be displayed.
- **2** Tap an icon to open the application. Or tap \triangleleft to return to your previous screen.

Notifications panel

Notifications alert you to the arrival of new messages, calendar events and alarms, as well as ongoing events, such as when you are using turn-by-turn navigation.

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 and battery strength shown on the right.

NOTE: The available options may vary depending on the region or service provider.



Opening the Notifications panel

Swipe down from the Status bar to open the Notifications panel. To close the Notifications panel, touch and drag the screen toward the top of the screen.



- 1 Tap each quick toggle key to turn it on/off. Touch and hold the key to access the settings menu for the function. To see more toggle keys, swipe left or right. Tap so to remove, add or rearrange toggle keys.
- 2 Current notifications are listed, each with a brief description. Tap a notification to open the corresponding application that manages it.

3 Tap to clear all the notifications.

Indicator icons on the Status Bar

Indicator 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 displayed at the top of the screen provide information about the status of the device. The icons listed in the table below are some of the most common ones.

Icon	Description	Icon	Description
	No SIM card inserted	Þ	A media file is currently playing
*	No network signal available	×	Ringer is silenced
+	Airplane mode is on	ı □lı	Vibrate mode is on
*	Connected to a Wi-Fi network		Battery fully charged
\mathbf{O}	Wired headset connected	<u>s</u>	Battery is charging
C	Call in progress	Ψ	Phone is connected to PC via USB cable
×	Missed call	<u>+</u>	Downloading data
8	Bluetooth is on	<u> </u>	Uploading data
A	System warning	9	GPS is on
©	An alarm is set	O	Data is synchronizing
ထ	New voicemail available	<u> </u>	Choose input method

Ξ	New text or multimedia message		Media server content sharing is on
	NFC is on	%	Wi-Fi hotspot is active

NOTE: The icon's location in the Status bar may differ according to the function or service.

On-screen keyboard

You can enter text using the on-screen keyboard. The on-screen keyboard appears on the screen when you tap an available text entry field.

Using the keypad and entering text

- Tap once to capitalize the next letter you type. Tap twice for all caps.
- Tap to access the keyboard's Settings menu.
 - Tap to enter a space.
- Tap to create a new line.
- Tap to delete the previous character.

Entering accented letters

When you select French or Spanish as the text entry language, you can enter special French or Spanish characters (e.g. "á").

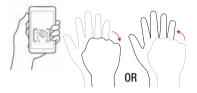
For example, to input "á", touch and hold the "a" key until the pop-up appears and displays related special characters. Without lifting the finger, drag your finger to the desired special character.

Your Home screen 35

Special Features

Gesture shot

Take a picture with a hand gesture. To take a photo, raise your hand until the front camera detects it and a box appears on the screen.

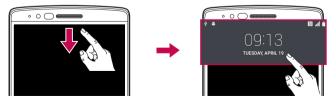


TIP! Interval shot

If you make a fist twice or touch and hold , the camera consecutively takes 4 photos at a time.

Glance View

When the phone screen is off, you can see the Status bar, time and date by dragging your finger down on the screen.

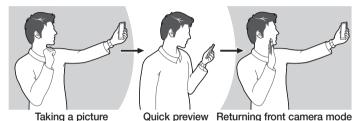


36 Special Features

Gesture View

After taking a photo with the front camera lens, you can automatically check the captured photo with this gesture.

- 1 Tap $\bigcirc > \bigoplus > Apps$ tab (if necessary) $> \bigcirc$.
- **2** Take a picture with the front camera.
- 3 After taking the picture, bring the phone close to your face. The captured photo will be displayed.



NOTE:

- Depends on the speed and angle of the gesture, this feature may not work properly.
- When the angle is changed after Quick preview, it will go back to the camera mode. You should go to Gallery to view the picture again.

Special Features 37

KnockON

You can wake up, or turn off, the screen as easily as double-tapping the screen. While the screen is off, and idle, double-tap the center screen quickly to wake the screen. To turn the screen off, double-tap the Status bar in any screen (except on the camera viewfinder) or empty area on the Home screen.

NOTE: When using KnockOn to wake the screen, make sure you do not cover the proximity sensor. Doing so will prevent the screen from turning on. This feature is designed to prevent the device turning on inadvertently in your pocket or storage location.

Knock Code

The Knock Code feature allows you to wake and unlock the screen with your own Knock Code pattern. When enabled, Knock Code divides the screen into 4 parts and uses your unique combination of taps to secure your device. You can disable this feature in the Lock screen settings.

NOTE:

- If you enter an incorrect Knock Code combination 6 times, it will be necessary to use your Google account log in or backup PIN.
- · Use the fingertip instead of finger nail to tap the screen for turning it on or off.
- When the Knock Code is not in enabled, you can use Knock On function by taping the screen.
- 1 Tap O > ⊕ > Apps tab (if necessary) > ♥ > Display tab > Lock screen > Select screen lock > Knock Code.
- **2** Follow the on-screen steps to set your Knock Code.
- 3 Tap Done when you have finished.

Unlocking the screen using the Knock Code

You can wake up and unlock the screen by tapping the Knock Code, set up in the previous section, when the screen is off.

Dual window

This feature allows you to multi-task by splitting up the screen into two, allowing you to use two compatible applications at the same time.

- 1 Touch and hold the \triangleleft to split the screen.
- 2 Tap or drag the app icon for the corresponding application you wish to use.



- : Tap to view the Dual window menu options, or drag to resize the split screens.
- : Switch two screens.
- : View the app list.
- : Change the selected window to full screen.
- : Close the currently selected app window.

Special Features 39

NOTE: You can enable or disable Dual window through the Settings menu.

- 1 Tap O > [™] > Apps tab (if necessary) > [™] > General tab > Dual window.
- 2 Slide the toggle key to On or Off.

Capture+

The **Capture+** feature allows you to create memos and capture screen shots.

You can use Capture+ to easily and efficiently create memos during a call, with a saved picture or on the current phone screen.

1 Tap and drag the Status Bar down and tap .



2 Create a memo using the following options:

Tap to save the memo you've created.

~	Tap to undo the most recent action.
*	Tap to redo the most recently deleted action.
T	Tap to insert text into your memo.
	Tap to select the pen type and colour.
(Tap to use the eraser to erase the pen marks on the memo.
	Tap to crop the image of memo.

Special Features

Tap to hide or display the toolbar.

NOTE

- · Please use a fingertip while using the Capture+ feature. Do not use your fingernail.
- 3 Tap to save the current memo to the Capture+ or Gallery.

Discard Capture+

• Tap <1.

View the Saved Memo

- Tap \bigcirc > \bigcirc > \bigcirc and select the **Capture**+ album.
 - OR -

Tap $\bigcirc > \bigcirc > \nearrow$ and select the desired memo.

OSlide

From any screen, use the Notification panel to easily access and use the Notepad, Calendar, Calculator, and more with QSlide.



- 1 Touch and slide the status bar downward > tap QSlide to view the available QSlide apps. Also, while using applications that support QSlide, tap ... The function is displayed as a small window on your screen.
- 2 You can use and tap the screen under the QSlide windows when the transparency bar is not full ______.

NOTE: QSlide can support up to one window at the same time.

QuickRemote

QuickRemote turns your phone into a Universal Remote for your home TV, set-top box and audio system, and more.







Set up

1 Touch and slide the Status bar downward and tap 60 > ADD REMOTE.



2 Select the type and brand of the device, then follow the on-screen instructions to configure the device.

Access your QuickRemote

3 Once you have completed the initial set up, you can easily access the QuickRemote from the Notification panel. Open the Notification panel and use the QuickRemote functions.

Special Features $\overline{43}$

NOTE: The QuickRemote operates the same way as an ordinary remote control infrared (IR) signals. Be careful not to cover the infrared sensor at the top of the phone when you use the QuickRemote function. This function may not be supported depending on the model, the manufacturer or service company.

Voice Mate

You can ask Voice Mate to perform phone functions using your voice, such as calling a contact, setting alarms, or searching the web. You can say "help" to help you get started.

- 1 Tap $\bigcirc > \bigoplus > Apps$ tab (if necessary) $> \bigcirc$.
- 2 The Speak icon (1) (at the bottom of the screen) illuminates. Say what you want it to do for you.

NOTE: Voice Mate confirms found match requests before executing it. To skip confirmation for exact matches (name or number), access the Voice Mate settings and checkmark Skip confirmation.

Google account setup

When you first turn on your phone, you have the opportunity to sign into your Google Account and select how you want to use certain Google services.

Setting up your Google account

- During the initial boot up of your device, ensure your device is connected to the Web. Then, sign into a Google Account from the prompted set-up screen.
 OR
- After having exited the Startup Wizard, tap O > (**) > (**) > General tab > Accounts & sync > ADD ACCOUNT > Google.

If you already have a Google account, enter your email address and tap **NEXT**. Once you have set up your Google account on your phone, your phone will automatically synchronize with your Google account on the Web (if data connection is available).

Depending on your synchronization settings, your contacts, Gmail messages, Calendar events and other information from these applications and services on the Web are synchronized with your phone.

After signing in, you can use $Gmail^{TM}$ and take advantage of Google services on your phone.

Connecting to Networks and Devices

Wi-Fi

You can use high-speed Internet access while within the coverage of the wireless access point (AP).

Connecting to Wi-Fi networks

- 1 Tap $\bigcirc > \bigcirc > \text{Apps}$ tab (if necessary) $> \bigcirc > \text{Networks}$ tab > Wi-Fi.
- 2 Set Wi-Fi to ON to turn Wi-Fi on and start scanning for available Wi-Fi networks.
- 3 Tap a network to connect to it.
 - If the network is secured with a lock icon, you will need to enter a security key or password.

NOTE: The Status bar displays icons that indicate Wi-Fi status.

NOTE: If you are out of the Wi-Fi zone or have set Wi-Fi to **OFF**, the device may automatically connect to the Web using mobile data, which may incur data charges.

TIP! How to obtain the phone's MAC address

Tap $\bigcirc > \bigoplus >$ Apps tab (if necessary) > > >Networks tab >Wi-Fi > =Advanced Wi-Fi >MAC address.

Bluetooth

You can use Bluetooth to connect with headsets, sound systems, or even to exchange data between near devices.

NOTE:

- LG is not responsible for the loss, interception or misuse of data sent or received via the Bluetooth 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.

Pairing your phone with another Bluetooth device

- 1 Tap $\bigcirc > \bigcirc > \mathsf{Apps}$ tab (if necessary) $> \bigcirc > \mathsf{Networks}$ tab $> \mathsf{Bluetooth}$.
- 2 Set Bluetooth to ON.
- 3 Tap **SEARCH** to view the devices in the Bluetooth Range.
- 4 Choose the device you want to pair with from the list and follow any subsequent instructions to complete pairing. Once the paring is successful, your phone connects to the other device.

NOTE: Some devices, especially headsets or hands-free car kits, may have a default Bluetooth PIN, such as 0000.

Sending data via Bluetooth

- 1 Using an application that supports sharing, locate the data, or file, that you want to share.
- 2 Select the **Share** option.
- 3 Select Bluetooth.
- **4** Select the paired Bluetooth device (or pair with a new device).

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

Receiving data via Bluetooth

- 1 Tap \bigcirc > \bigcirc > Apps tab (if necessary) > \bigcirc > Networks tab > Bluetooth.
- 2 Set Bluetooth to ON to turn it on.
- 3 You will receive a request to accept a pairing attempt from the sending device. Be sure to select ACCEPT.

Wi-Fi Direct

Wi-Fi Direct provides a direct connection between Wi-Fi enabled devices without requiring an access point.

Turning on Wi-Fi Direct

- 1 Tap $\bigcirc > \bigcirc > \text{Apps}$ tab (if necessary) $> \bigcirc > \text{Networks}$ tab > Wi-Fi.
- 2 Tap > Advanced Wi-Fi > Wi-Fi Direct.

NOTE: When in this menu, your device is visible to other visible Wi-Fi Direct devices nearby.

Transferring data between a PC and your device

You can copy or move data between a PC and the device.

Transferring data

- 1 Connect your device to a PC using the USB cable that came with your phone.
- **2** Open the Notifications panel and select **Media device (MTP)**.
- 3 A window will pop-up on your PC, allowing you to transfer the desired data.

NOTE:

- The LG Android Platform Driver is required to be installed on your PC to be able to detect the phone.
- Check the requirements for using Media device (MTP).

Items	Requirement	
OS	Microsoft Windows XP SP3, Vista or higher	
Window Media Player version	Windows Media Player 10 or higher	

Calls

Making a call

- 1 Tap \(\text{\cup}\) to open the dialer.
- 2 Enter the number using the dialer. To delete a digit, tap <
- 3 After entering the desired number, tap up to place the call.
- 4 To end the call, tap .

TIP! To enter "+" to make international calls, touch and hold $\boxed{0+}$.

Calling your contacts

- 1 Tap (1) to open your contacts.
- 2 Scroll through the contact list. You can also enter the contact's name in the Search field or scroll along the alphabet letters on the right edge of the screen.
- 3 To place the call, tap \(\) next to the contact you want to call.

Answering and rejecting a call

When you receive a call, swipe in any direction to answer the call.

Swipe in any direction to decline the call.

50 Calls

Making a second call

- 1 During your first call, tap > Add call.
- 2 Enter the number and tap 🕓 to place the call.
- 3 Both calls are displayed on the call screen. Your initial call is locked and put on hold.
- 4 To toggle between numbers, tap the number displayed on the screen. You can also tap to start a conference call.
- 5 To end all calls, tap ____.

NOTE: You are charged for each call you make.

Viewing your call logs

On the Home screen, tap and select **Call logs** tab.

A 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 , then tap **Delete all** to delete all of the recorded items.

Call settings

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

- 1 On the Home screen, tap 🔽 to open the dialer.
- **2** Tap to display the available options.
- **3** Tap **Call settings** and configure the desired options.

Calls 51

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 Tap (1) to open your contacts.
- 2 Tap Search contacts and enter the contact name using the keyboard. You can also scroll along the alphabet letters on the right edge of the screen.

Adding a new contact

- 1 Tap \(\square \) and enter the new contact's number.
- 2 Tap > Add to Contacts > New contact.
- 3 If you want to add a picture to the new contact, tap the image icon. Choose Take photo or Select from Gallery.
- 4 Enter the desired information for the contact.
- 5 Tap SAVE.

Favourites contact

You can classify frequently called contacts as favourites.

Adding a contact to your favourites

- 1 Tap to open your contacts.
- 2 Tap a contact to view its details.
- **3** Tap the star at the top right corner of the screen. The star turns yellow.

Removing a contact from your favourites list

- 1 Tap (1) to open your contacts.
- 2 Tap the Favourites tab and choose a contact to view its details.
- 3 Tap the yellow star at the top right corner of the screen. The star turns grey color and the contact is removed from your favourites.

Creating a group

- 1 Tap (1) to open your contacts.
- 2 Tap Groups > New group.
- **3** Enter a name for the new group. You can also set a distinct ringtone for the group.
- 4 Tap **SAVE** to save the group.

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

Contacts 53

Messaging

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

Sending a message

- 1 Tap **○** > **□** > **○**.
- 2 Enter a contact name or contact number into the To field. As you enter the contact name, matching contacts appear. You can tap a suggested recipient and add more than one contact.

NOTE: You may be charged for each text message you send. Please consult with your service provider.

- 3 Tap the **Enter message** field and begin composing your message.
- **4** Tap **to** open the messaging options.

TIP! You can tap @ to attach a file that you want to share.

5 Tap **Send** to send your message.

TIP!

- 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 may be charged accordingly.

Conversation view

Text and multimedia messages exchanged with another party are displayed in chronological order so that you can conveniently see and find your conversations.

Changing message settings

Your phone's messaging settings are predefined to allow you to send messages immediately. You can change the settings based on your preferences.

• Open the Messaging app and tap $\blacksquare > \textbf{Settings}.$

Messaging 55

E-mail

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

Managing email accounts

To open the Email application

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

• Tap
$$\mathbf{O} > \bigoplus > \mathbf{@}$$
.

Adding another email account:

• Tap
$$\bigcirc$$
 > \bigcirc > \bigcirc > Settings > \bigcirc .

Changing an email general settings:

• Tap \bigcirc > \bigcirc > \bigcirc > Settings > General settings.

Deleting an email account:

Tap O > ⊕ > ■ > Settings > ■ > Remove account > Select the account to delete > REMOVE > YES.

Working with account folders

• Tap $\bigcirc > \bigcirc > \bigcirc >$ Show all folders.

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

56 E-mail

Composing and sending email

- 1 Tap \bigcirc > \bigcirc > \bigcirc > \bigcirc to create a new email.
- 2 Enter an address for the message's intended recipient. As you enter text, matching addresses will be offered from your contacts. Separate multiple addresses with semicolons.
- 3 Tap the **Cc/Bcc** field to copy or blind copy to other contacts/email addresses.
- 4 Tap the text field and enter your message.
- **5** Tap to attach the file you want to send with your message.
- 6 Tap > to send the message.

E-mail $\overline{57}$

Camera and Video

To open the Camera application, tap $\bigcirc > \bigoplus > \mathsf{Apps}$ tab (if necessary) $> \bigcirc$.

Camera options on the viewfinder



- Hide/Display Options Tap to hide/display the camera options on the viewfinder.
- Plash Allows you to manage the camera's flash. Choose from Off ⑥, On 丞, Auto ☒
- 3 Swap camera Tap to swap between the rear camera and the front camera.
- Shot mode Allows you to select the shot mode for the picture. Choose from Auto, Panorama, Dual or Slo-mo.
- Settings Tap to adjust the camera and video settings.
- 6 Gallery Tap to access your Gallery.
- Record Tap to start recording a video.
- Capture Tap to take a photo.
- Back key Tap to close the selected menu or exit the Camera app.

Using the advanced settings

In the camera viewfinder, tap (to access the camera settings below.

HDR	Combines photos taken at multiple exposures into one optimal photo to get a better photo in difficult lighting situations.
MION	Selects the photo resolution.
è	Allows you to say a voice command to take pictures. You can say LG, Cheese, Smile, etc.
COFF	Sets a delay after the capture key is pressed. This is ideal if you want to be in the photo or video.
	Displays grid lines to help you align your pictures and videos.
?	Opens the Help guide to show how to use a function.

Taking a photo

- 1 Open the **Camera** application and point the lens toward the subject you want to photograph.
- 2 Focus indicators will appear in the center of the viewfinder screen. You can also tap anywhere on the screen to focus on that spot.
- 3 When the focus indicators turn blue, the camera has focused on your subject.

4 Tap o to capture the photo.

Camera and Video 59

Once you have taken a photo

Tap the image thumbnail at the bottom of the Camera screen to view the last photo you took. The following options are available.

<u> </u>	Tap to edit the photo.
0	Tap to take another photo immediately.
<	Tap to send your photo to others or share it in via any available social network services.
Ť	Tap to delete the photo.
i	Tap to access additional options.
*	Tap to add the photo to your favourites.

Recording a video

- 1 Open the Camera application and point the lens toward the subject you want to capture in your video.
- 2 Tap once to start recording.

NOTE: The timer will be displayed on the screen.

- 3 A red light appears in the upper-right corner of the viewfinder with a timer showing the length of the video.
- 4 Tap to stop recording.

TIP!

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

After recording a video

In the viewfinder, tap the video thumbnail at the top of the screen to view the last video you recorded. The following options are available.

0	Tap to record another video immediately.
<	Tap to open the available sharing options (such as Messaging or Bluetooth) to share.
Î	Tap to delete the video.
i	Tap to access additional options.

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

Multi-point Auto Focus

When you take a picture, the Multi-point Auto Focus (AF) function operates automatically and allows you to see a clear image.

Burst shot

Allows you to take multiple shots quickly. Touch and hold a.

Panorama mode

Allows you to take a panoramic picture.

- 1 Tap $\bigcirc > \bigoplus > Apps$ tab (if necessary) $> \bigcirc$.
- 2 Tap Mode > **▲**.
- 3 Tap a to start taking the panoramic picture.
- 4 Pan your phone slowly in one direction.
- **5** Make sure that the focus area aligns with the blue guideline while taking the photo.

6 Tap **•** to stop taking the panoramic picture.

Camera and Video 61

Dual

The Dual feature allows you to take a picture or record video with the front and rear cameras at the same time.

- 1 Tap $\bigcirc > \bigcirc > Apps$ tab (if necessary) $> \bigcirc$.
- 2 Tap Mode > ■.



NOTE: Drag the small screen to move it to your desired location. Touch and hold the small screen to resize it. Tap on the small screen to alternate between the two cameras.

3 Tap to stop dual recording.

Super Zooming

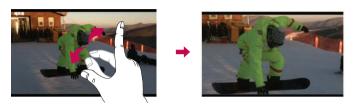
When using the rear camera lens, you can zoom in or out to 8x.

NOTE: Use a steady hand. This feature does not work with some functions Objects may be overlapped when taking a picture of fast-moving subjects.

Live Zoom

Live Zoom allows you to zoom in or out on a portion of a video that is being played to make the desired section appear larger or smaller.

When viewing a video, use your index finger and thumb in a pinching or spreading motion to zoom in or out.



NOTE: Do not press too hard; the touch screen is sensitive enough to pick up a light, but firm touch.

Dual Play

Dual Play (wired or wireless connection to two displays) can be run on a different screen.

NOTE: Connect two devices using a wired (Slimport-HDMI) cable or wirelessly (Miracast). The connectable device can be a TV or a monitor supported by an HDMI cable or Miracast. The Gallery and Video apps are supported on Dual Play. Tap \bigcirc once when two displays are a different status (i.e. the monitor is playing a video and your phone's video app is displaying an empty screen), then Dual Play will start. Not all videos are supported by Dual Play. Dual Play operates at 1280X720 or higher display resolution.

Camera and Video 63

Gallery

The Gallery allows you to view and manage all of your pictures and videos.

• Tap \bigcirc > \bigcirc > Apps tab (if necessary) > \bigcirc .

NOTF:

- Depending on the software installed, some file formats may not be supported.
- · Some files may not play properly due to their encoding.

Viewing pictures

The Gallery displays your pictures in folders. When an application, such as E-mail, saves a picture, the download folder is automatically created to contain the picture. Likewise, capturing a screenshot automatically creates the Screenshots folder.

Pictures are displayed in a folder by creation date. 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 in the picture zoom in. Pinch in or doubletap the image to zoom out.

Playing videos

- 1 Touch (iii) > Apps tab (if necessary) > ♠ ...
- **2** Select the video you want to watch. The following options are available.



	Touch to pause/resume video playback.
2 •	Touch to fast-forward 10 seconds.
3 4	Touch to rewind 10 seconds.
4	Touch to adjust the video volume.
6 1 / A	Touch to lock/unlock the screen.
6 🔼	Tap to edit the video.
7	Touch to use QSlide for the Videos app.
8	Tap to share your video using the SmartShare function.
0	Tap to access additional options.

To change the volume while watching a video, press the Up and Down Volume buttons on the back of the phone.

Camera and Video 65

Editing photos

While viewing a photo, tap <a>_.

Deleting photos/videos

Use one of the following methods:

- While in a folder, tap 💼, select the photos/videos and then tap **DELETE**.
- While viewing a photo, tap

 .

Setting wallpaper

While viewing a photo, tap **!** > **Set image as** to set the image as wallpaper or assign it to a contact.

NOTE:

- Depending on the software installed, some file formats may not be supported.
- If the file size exceeds the available memory, an error can occur when youopen files.

Camera and Video

Multimedia

Music

Your phone has a music player that lets you play all your favorite tracks. To access the music player, tap $\bigcirc > \bigcirc >$ Apps tab (if necessary) $> \boxed{1}$.

Playing a song

- 1 Tap $\bigcirc > \bigcirc > Apps$ tab (if necessary) $> \boxed{1}$.
- 2 Tap the Songs tab.
- 3 Select the song you want to play.
- 4 The following options are available.



0		(II)	Tap to pause playback.
	•	•	Tap to resume playback.
Tap to skip to the next track in the album, playlist or shuffle hold to fast-forward.		Tap to skip to the next track in the album, playlist or shuffle list. Touch and hold to fast-forward.	

Multimedia 67

8	(44)	Tap to restart the current track or skip to the previous track in the album, playlist or shuffle list. Touch and hold to rewind.
4	= (3)	Tap to adjust the volume.
6		Tap to set audio effects.
6	×	Tap to play the current playlist in shuffle mode (tracks are played in random order).
0	\$	Tap to toggle through repeat all songs, repeat current song and repeat off.
8	□	Tap to share your music using the SmartShare function.
9	*	Tap to add the song to your favourites.
0	≔	Tap to open the current playlist.
0	1	Tap to access additional options.
_	4	

To change the volume while listening to music, press the Up and Down Volume buttons on the back side of the phone.

NOTF:

- Depending on the software installed, some file formats may not be supported.
- If the file size exceeds the available memory, an error can occur when you open files.

NOTE: Music file copyrights may be protected by international treaties and national copyright laws.

Therefore, it may be necessary to obtain permission or a license 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.

Multimedia

Utilities

Clock

Use the Clock app gives you access to the Alarms, Timer, World clock and Stopwatch functions. Access these functions by tapping the tabs across the top of the screen or swiping horizontally across the screen.

Tap \bigcirc > \bigcirc > Apps tab (if necessary) > $\underline{\mathscr{L}}$.

Alarms

The Alarms tab allows you to set alarms.

- 1 Open the **Clock** app, then select the **Alarms** tab.
- 2 Tap icon to add an alarm.
- 3 Adjust the settings as necessary and tap SAVE.

NOTE: You can also tap an existing alarm to edit it.

Timer

The Timer can alert you with an audible signal when a set amount of time has passed.

- 1 Open the **Clock** app, then select the **Timer** tab.
- 2 Set the desired time on the timer.

World clock

The World clock allows you to easily check the current time in other cities around the world.

- 1 Open the **Clock** app, then select the **World clock** tab.
- 2 Tap
 and select the desired city.

Utilities 69

Stopwatch

The Stopwatch tab allows you to use your phone as a stopwatch.

- 1 Open the **Clock** app, then select the **Stopwatch** tab.
- **2** Tap the **Start** key to initiate the stopwatch.

NOTE: Tap the Lap key to record lap times.

3 Tap the **Stop** button to stop stopwatch.

NOTE: To reset the stopwatch, tap the Reset button. You can also tap the Resume button to resume the stopwatch.

Calculator

The Calculator app allows you to perform mathematical calculations using a standard or scientific calculator.

- 1 Tap \bigcirc > \bigcirc > Apps tab (if necessary) > \bigcirc .
- **2** Tap the number keys to enter numbers.
- 3 For simple calculations, tap the function you want to perform (+, -, x or ÷) followed by =.
- **4** For more complex calculations, tap **Scientific calculator**.

NOTE: To check the history, tap **\(\)** > **Calculation history**.

Calendar

The Calendar app allows you to track your schedule of events.

- 1 Tap $\bigcirc > \bigoplus > Apps$ tab (if necessary) $> \bigoplus$.
- 2 Tap the date you want to add an event to. Then tap ...

Voice Recorder

The Voice Recorder app records audible files for you to use in a variety of ways.

Recording a sound or voice

- 1 Tap **O** > ⁽¹⁾ > [↓].
- 2 Tap to begin recording.
- **3** Tap to end the recording.
- **4** Tap to listen to the recording.

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

Voice Search

Use this application to search the web using your voice.

- 1 Tap \bigcirc > \bigcirc > Apps tab (if necessary) > Google folder > \bigcirc .
- 2 Say a keyword or phrase when Listening... 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 this application to see what files have been downloaded through your applications.

• Tap \bigcirc > \bigcirc > Apps tab (if necessary) > \bigcirc .

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

Utilities 7

FM Radio

Your phone has a built-in FM radio so you can tune in to your favorite stations and listen on the go.

Tap $\bigcirc > \bigcirc > \mathsf{Apps}$ tab (if necessary) $> \boxed{}$

NOTE: You need to use your headphones to listen to the radio. Insert it into the headphone jack.

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

LG SmartWorld

LG SmartWorld offers an assortment of exciting content – fonts, themes, games, applications.

How to Get to LG SmartWorld from Your Phone

- 1 Tap \bigcirc > \bigcirc > Apps tab (if necessary) > LG SmartWorld.
- 2 Tap Sign in and enter your user name and password. If you have not signed up yet, tap Register to create an account.
- 3 Browse and download the content you want.

NOTE:

- You may incur data fee charges when using your mobile network to access LG SmartWorld.
- LG SmartWorld may not be available for all carriers or in all countries.

NOTE: What if there is no LG SmartWorld @ icon?

- 1 Using a mobile Web browser on your device, access LG SmartWorld (www.lgworld.com) and select your country.
- 2 Download the LG SmartWorld App.
- 3 Run and install the downloaded file.
- 4 Access LG SmartWorld by tapping the 6 icon.

Special benefits available for LG SmartWorld

- Personalize your device with home themes, keyboard themes, and fonts.
- Enjoy special promotions only offered on LG SmartWorld.
- Note that LG SmartWorld is only available for certain devices. Please check the www.lgworld.com for more information.

Utilities $\overline{73}$

Web Browser

Internet

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

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

• Tap $\bigcirc > \bigcirc > \mathsf{Apps}$ tab (if necessary) $> \bigcirc$.

Using the Browser toolbar

Scroll towards the top of the webpage to access the browser toolbar.

Φ	Tap to go back one page.
\Rightarrow	Tap to go forward one page.
	Tap to go to the Home page.
∄	Tap to open a new window.
团	Tap to access your bookmarks.

Viewing webpages

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

74 Web Browser

Opening a page

To go to a new page, tap $\boxed{1} > +$.

To go to another webpage, tap 2, scroll up or down, and tap the page to select it.

Searching the web by voice

In the browser, tap the address field and then tap $\underline{\Psi}$. When prompted, say 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.

Bookmarks

To bookmark the current webpage, tap ₹ > Add bookmark > SAVE.

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

History

Web Browser 75

Chrome

Use Chrome to search for information and browse webpages.

• Tap $\bigcirc > \bigcirc > \mathsf{Apps}$ tab (if necessary) $> \bigcirc$.

NOTE: This application may not be available, depending on your region and service provider.

Viewing webpages

In the Chrome browser, tap the address field, and then enter a web address or search criteria.

Opening a page

To open a new page, tab :> New tab.

To go to another webpage, tap \square , and tap the page to select it.

Settings

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

Accessing the Settings menu:

- Tap \bigcirc > touch and hold \square > System settings.
- or -
 - Tap \bigcirc > \bigcirc > Apps tab (if necessary) > \bigcirc .

Networks

< WIRFLESS NETWORKS >

Wi-Fi

Allows you to manage your Wi-Fi connections and connect to available Wi-Fi networks.

Bluetooth

Allows you to manage your the Bluetooth wireless feature.

Mobile data

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

Call

This menu allows you to configure various call settings.

- Voicemail Allows you to select your carrier's voicemail service.
- Fixed dialing numbers Allows you to manage and compile a list of numbers that can be called from your phone. You need your PIN2, which is available from your operator. If activated, only numbers in the fixed dial list can be called from your phone.

Settings 77

- Incoming voice call pop-up Displays a pop-up for an incoming call when an app is in use.
- Call reject Allows you to set the call decline function.
- Decline with message When you want to decline a call, you can send a quick message using this function. This is useful if you need to decline a call during a meeting.
- Call forwarding Allows you to choose when to forward calls.
- Auto answer Sets the time before a connected hands-free device automatically answers an incoming call.
- Connection vibration Vibrates your phone when the other party answers the call.
- Noise suppression Suppresses background noise on your device during a call.
- Voice clarity Enhances voice quality in noisy environments so you can hear more clearly.
- Save unknown numbers Allows you to add unknown numbers to contacts after a call.
- Power key ends call Allows you to use the Power key to end calls.
- Answer an incoming call Checkmark to enable you to bring the device to your ear to automatically answer the incoming call.
- Silence incoming calls Checkmark to allow you to flip the device to silence incoming calls.
- Call barring Locks incoming, outgoing or international calls.
- Call duration Allows you to view the call duration for various types of calls.
- Additional settings Allows you to change the following settings.

< CONNECTIVITY >

Share & connect

- NFC Your phone is an NFC-enabled cell mobile phone. NFC (Near Field Communication) is a wireless connectivity technology that enables two-way communication between electronic devices. It operates over a distance of a few centimeters. You can share your content with an NFC tag or another NFC support device by simply tapping it with your device. If you tap an NFC tag with your device, it displays the tag content on your device.
- Android Beam When this feature is turned on, you can transfer app content to another NFC-capable device by holding the devices close together.
 Just bring the device together (typically back to back) and then tap your screen.
 The app determines what gets beamed.
- SmartShare Beam Allows you to receive multimedia content via LG phones and tablets.
- Media server Allows you to share the phone's display and sound on your TV.
- Miracast Allows you to wirelessly mirror the phone screen and sound onto a Miracast dongle or TV.
- LG PC Suite Connect LG PC Suite with your phone to easily manage multimedia content and apps.
- Printing Allows you to print the content of certain screens (such as web pages displayed in Chrome) to a printer connected to the same Wi-Fi network as your Android device.

Tethering

- USB tethering Allows you to share the internet connection with your computer via a USB cable.
- Wi-Fi hotspot Allows you to create a hotspot and share your connection.
- Bluetooth tethering Allows you to connect to other devices via Bluetooth.

Settings 79

 Help — Displays Help information about USB tethering, Wi-Fi hotspot, and Bluetooth tethering.

More

- Airplane mode Airplane Mode (flight mode) allows you to use many of your phone's features, such as games, and music, when you are in an area where making or receiving calls or data use is prohibited. When you set your phone to Airplane Mode, it cannot send or receive any calls or access online data.
- Mobile networks This menu allows you to configure various mobile network settings.
- VPN From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

Sound & notification

< BASIC >

Sound profile

Allows you to set your phone's sound profile. Choose from **Sound**, **Vibrate only** or **Silent**.

< SOUND >

Volume

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

Ringtone

Allows you to set the ringtones for calls. You can also add a ringtone by tapping \blacksquare in the upper-right corner of the screen.

Ringtone ID

Allows you to compose ringtones based on device number of incoming call.

< VIBRATION >

Vibration strength

Allows you to set the vibration strength for calls, notifications and touch feedback.

Sound with vibration

Checkmark to set the phone to vibrate in addition to the ringtone when you receive calls.

Vibration type

Allows you to choose the type of vibration.

< NOTIFICATIONS >

Do not disturb

Allows you to set a schedule when to prevent interruptions from notifications. You can set to allow certain features to interrupt when Priority only is set.

Lock screen

Allows you to choose if you want to show or hide notifications on the lock screen.

Apps

Allows you to prevent apps from displaying notifications or set apps to show notifications with priority when Do not disturb is set to Priority only.

Notification LED

Tap the switch to toggle it On or Off. On activates the LED light for the notifications you select, in the colour you set for each.

< ADVANCED SETTINGS >

More

- Vibrate on tap Checkmark to vibrate when tapping the Home touch buttons and during other UI interactions.

- Sound effects Tap to set the dial pad touch tones, touch sounds and screen lock sound.
- Message/call voice notifications Tap the Message/call voice notifications switch to toggle it On or Off. On allows your device to read out incoming calls and message events automatically.

Display

< HOME & LOCK >

Home screen

- Select Home Set Home or EasyHome as the default home.
- Smart Bulletin Tap the Smart Bulletin switch to toggle it On or Off. Activating
 this feature adds an additional Home screen showing customized information.
 Checkmark LG Health, or Smart Tips.
- Theme Sets the screen theme for your device. You can download new themes from LG SmartWorld.
- Wallpaper Sets the wallpaper to use on your Home screen.
- Screen swipe effect Choose the desired type of effect to display when you swipe from one Home screen canvas to the next.
- Allow Home screen looping Displays the first screen after the last screen when scrolling the Home screen.
- **Help** Displays help information for the Home screen.

Lock screen

• Select screen lock — Set a screen lock type to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern.

If you enabled a Pattern lock type when you turn on your phone or wake up the screen, you are asked to draw your unlock pattern to unlock the screen.

- Smart Lock Sets to keep your phone unlocked when you have a trusted Bluetooth device connected to it, when it's in a familiar location like your home or work, or when it recognizes your face.
- Screen swipe effect Sets the screen swipe effect options.

NOTE: This setting name may be Pattern effect if the Screen lock is set to Pattern.

- Wallpaper Allows you to set your Lock screen wallpaper.
- Shortcuts Allows you to choose the shortcuts available on the lock screen.
- Weather animation Checkmark to show weather animation on the lock screen for the current location.
- Contact info for lost phone Allows you to display the owner information on the lock screen in case the phone is lost.
- Lock timer Sets the amount of time before the screen automatically locks after the screen has timed out.
- Power key instantly locks Checkmark to instantly lock the screen when the Power/Lock Button is pressed. This setting overrides the Security lock timer setting.

Home touch buttons

Set the Home touch buttons displayed at the bottom of all screens. Set which keys are displayed, their position on the bar and what they look like.

< FONT >

Font type

Sets the type of font used for the phone and menus.

Font size

Sets the size of the font displayed in the phone and menus.

< BASIC SETTINGS >

Brightness

Adjusts 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

Sets the amount of time before the screen times out.

< ADVANCED SETTINGS >

More

- Daydream Tap the Daydream switch to toggle it On or Off. On allows to set a screensaver to be displayed when the phone is sleeping while docked and/or charging.
- Auto-adjust screen tone Checkmark to adjust the screen brightness automatically with an analysis of image color.
- Screen mode Sets the screen mode. Choose from Standard, Vivid and Natural.
- Motion sensor calibration Allows you to improve the accuracy of the tilt and speed of the sensor.

General

< PERSONAL >

Language & keyboard

Use the Language & input settings to select the language for the text on your phone and to configure the on-screen keyboard, including words you added to its dictionary.

• Language – Sets the language to use on your phone.

- Current keyboard Allows you to set the default keyboard to use when entering text.
- LG Keyboard Checkmark to select the LG Keyboard to enter text. Tap the Settings icon to change the following settings.
- Google voice typing Checkmark to select Google voice typing to enter text. Tap the Settings icon to change the Google voice settings.
- Text-to-speech output Sets the preferred speech engine and speech rate (very slow to very fast). Also plays a short demonstration of speech synthesis.
- Pointer speed Allows you to set the pointer speed using a slide bar.
- Reverse buttons Reverse the mouse buttons to use primary button on right.

Location

Allows you to manage locations services to determine your approximate location using GPS. Wi-Fi and mobile networks.

- Mode Allows you to choose a location mode from High accuracy (GPS and networks), Battery saving (Networks only) and Device sensors only (GPS only).
- Camera Checkmark to tag photos or videos with the location they were taken at.
- Google Location History Allows you to view and manage your Google location settings.

Accounts & sync

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

Cloud

Allows you to add a cloud account to quickly and easily use a cloud service.

Accessibility

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

NOTE: Requires additional plug-ins to become selectable.

Vision

- TalkBack Allows you to set up the TalkBack function which assists people with impaired vision by providing verbal feedback.
- Message/call voice notifications Tap to toggle it On or Off. On allows you to hear automatic spoken alerts for incoming calls and messages.
- Screen shade Checkmark to set the screen to a darker contrast.
- Font size Sets the font size.
- **Touch zoom** Allows you to zoom in and out by triple-tapping the screen.
- Screen colour inversion Checkmark to invert the colours of the screen and content.
- Screen colour adjustment Allows you to adjust the colours of screen and content.
- Screen colour filter Allows you to change the colours of screen and content.
- Power key ends call Checkmark so that you can end voice calls by pressing the Power/Lock Key.

Hearing

- Captions Allows you to customise caption settings for those with hearing impairments.
- Notification LED Allows you to activate the LED light for incoming calls and notifications.
- Flash alerts Checkmark to set the flash to blink for incoming calls and notifications.
- Turn off all sounds Checkmark to turn off all device sounds.
- **Audio type** Sets the audio type.

- Sound balance - Sets the audio route. Move the slider on the slide bar to set it.

· Motor & cognition

- Touch feedback time Sets the touch feedback time.
- **Touch assistant** Show a touch board with easy access to common actions.
- Screen timeout Sets the amount of time before the backlight turns off automatically.
- Touch control areas Allows you to select an area of the screen to limit touch activation to just that area of the screen.

Accessibility features shortcut

Allow you to access selected features quickly when triple-tapping the Home button.

· Auto-rotate screen

Checkmark to allow the phone to rotate the screen depending on the physical phone orientation (portrait or landscape).

Switch Access

Allows you to interact with your device using one or more switches that work like keyboard keys. This menu can be helpful for users with mobility limitations that prevent them from interacting directly with the your device.

Shortcut key

Get quick access to apps by pressing the **Volume Keys** twice when the screen is off or locked.

Google

Use Google Settings to manage your Google apps and account settings.

< PRIVACY >

Security

- Content lock Select lock types to lock files in for Gallery and memos for Capture+. Choose from Password or Pattern.
- Encrypt phone Encrypt all data on the phone.

- Encrypt SD card storage Allows you to encrypt the SD card and make data unavailable to other devices.
- Password typing visible Checkmark to briefly show each character of passwords as you enter them so that you can see what you enter.
- **Phone administrators** Allows you to view or deactivate phone administrators.
- **Unknown sources** Allows you to install non-Play store applications.
- **Verify apps** Disallow or warn before installation of apps that may cause harm.
- Storage type Displays the storage type for credentials.
- · Certificate management
 - Trusted credentials Checkmark to allow applications to access your
 phone's encrypted store of secure certificates and related passwords and other
 credentials. You use credential storage to establish some types of VPN and Wi-Fi
 connections. If you have not set a password for the secure credential storage,
 this setting is dimmed.
 - **Install from storage** Tap to install a secure certificate.
 - Clear credentials Deletes all secure certificates and related credentials and erases the secure storage's own password.
- Trust agents View or deactivate Trust agents.
- Screen pin This feature allows you to lock your device so that the current user can only access the pinned app. This is useful for users with children.
- Usage access for apps Allows you to view usage information of apps on your phone.

< SMART FUNCTIONS >

QuickCircle case

This menu allows you to select apps to be used directly on the cover in small view using QuickCircle.

Dual window

Allows you to configure the Dual Window feature.

- Split view Checkmark to allow you to tap a link on the full screen or attachments from emails to open Dual window.
- Help Display tips for using Dual window.

< PHONE MANAGEMENT >

Date & time

Use the **Date & time** settings to set how dates will be displayed. You can also use these settings to set your own time and time zone rather than obtaining the current time from the mobile network.

Storage & USB

You can monitor the used and available internal memory in the device.

Battery & power saving

- Battery usage Displays battery usage.
- 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 Battery Saver switch to toggle it on or off. Sets the battery charge percent level that automatically turns on Battery Saver. Chooser from Immediately, 5% battery, and 15% battery.
- Game optimizer Tap the Game optimizer switch to adjust the video quality in the games to save battery.

Memory

You can monitor the memory used averagely and the memory used by apps in the device.

Smart cleaning

Allows you to manage unused apps and data.

Settings 89

Apps

View and manage your applications.

Default message app

This menu allows you to set your default messaging app as desired.

Backup & reset

This menu allows you to back-up your data, automatically restore data, and erase all the data on your phone.

- LG Backup Backs up all information on the device and restores it in the event of data loss or replacement.
- Back up my data Allows you to back up your settings and application data to the Google server.
- Backup account Allows you to back up your account.
- Automatic restore Allows you to restore your settings and application data when the applications are reinstalled onto your device.
- Network settings reset Reset all network settings.
- Factory data reset Reset your settings to the factory default values and delete all your data, including user data such as pictures and videos.

About phone

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

LG Bridge Application

LG Bridge is an application that helps you conveniently manage images, music, videos, documents, etc. saved on a LG mobile device on your PC. Also, you can update software of a mobile device or back up your files such as contacts and images to your PC.

TIPS!

- You can see detailed instructions on how to use LG Bridge in Help menu after installing and opening the program.
- · Supported features may vary depending on the device.
- The LG unified USB driver is a program required to connect an LG mobile phone to a PC. It is automatically installed when installing LG Bridge.

Features of LG Bridge

Update software of a mobile device on your PC via USB Back up and restore the data of your mobile device via USB

To download the LG Bridge software, please do the following:

- 1 Go to www.lg.com.
- **2** Go to SUPPORT > MOBILE SUPPORT > PC Sync.
- 3 Select the model information and click GO.
- 4 Scroll down, select the PC SYNC tab > Windows or Mac OS > DOWNLOAD to download LG Bridge.

Minimum system requirements for LG Bridge installation

Item	Windows OS	Mac OS
Operating System	Windows XP 32-bit (Service Pack 3) Windows Vista 32-bit/64-bit Windows 7 32-bit/64-bit Windows 8 32-bit/64-bit Windows 8.1 32-bit/64-bit	Mac OS X 10.7 or later (64-bit)
CPU	1 GHz processor or faster	1 GHz processor or faster
Memory	2 GB RAM or more	2 GB RAM or more
Graphics Card	1024x768, 32-bit colour or higher	1024x768, 32-bit colour or higher
Hard Disk	At least 500 MB of free space (additional space may be required depending on the amount of data to be stored)	At least 500 MB of free space (additional space may be required depending on the amount of data to be stored)
Required Software	LG unified driver, Windows Media Player 10 or later	LG unified USB driver

How to Connect Your Mobile Phone in LG Bridge

You can connect LG Bridge to another device using a USB cable.

Features	Connection Type
Software update	Connecting USB cable
LG backup (data backup/restoration)	Connecting USB cable

Phone software update

Phone software update

Software updates from the Internet for your LG phone

For more information about software updates, please visit http://www.lg.com/common/index.jsp.

This feature allows you to conveniently update the firmware on your phone to a newer version from the Internet without needing to visit a service center. This feature will only be available if and when LG makes a newer firmware version available for your device. Because the mobile phone firmware update requires the user's full attention for the duration of the update process, please make sure you check all instructions and notes that appear at each step before proceeding. Please note that removing the USB cable during the upgrade may seriously damage your mobile phone.

NOTE: 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.

Software updates via Over-the-Air (OTA) for your LG phone

This feature allows you to conveniently update your phone's software to a newer version via OTA, without connecting using a USB cable. This feature will only be available if and when LG makes a newer firmware version available for your device. You should first check the software version on your mobile phone: Settings > General tab > About phone > Update Center > Software Update > Check now for update.

NOTE: Your personal data saved to the internal phone memory—including information about your Google account and any other accounts, your system/application data and settings, any downloaded applications and your DRM licence—may be lost in the process of updating your phone's software. Therefore, LG recommends that you backup your personal data before updating your phone's software. LG does not take responsibility for any loss of personal data.

NOTE: This feature depends on your network service provider, region and country.

About this user guide

About this user guide

- Before using your device, please carefully read this guide. This ensures that you use your phone safely and correctly.
- Some of the images and screenshots provided in this guide may appear differently on your phone.
- Your content may differ from the final product or from software supplied by service providers or carriers. This content is subject to change without prior notice. For the latest version of this guide, please visit the LG website at www.lg.com.
- Your phone's applications and their functions may vary by country, region or hardware specifications. LG cannot be held liable for any performance issues resulting from the use of applications developed by providers other than LG.
- LG cannot be held liable for performance or incompatibility issues resulting from edited registry settings or modified operating system software. Any attempt to customize your operating system may cause the device or its applications to work incorrectly.
- Software, audio, wallpaper, images, and other media supplied with your device are licensed for limited use. If you extract and use these materials for commercial or other purposes, you may be infringing copyright laws. As a user, you are fully are entirely responsible for the illegal use of media.
- Additional charges may apply for data services, such as messaging, uploading,downloading, auto-syncing and location services. To avoid additional charges, select a data plan suitable to your needs. Contact your service provider to obtain additional details.

Trademarks

- LG and the LG logo are registered trademarks of LG Electronics.
- Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.
- Wi-Fi® and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.
- All other trademarks and copyrights are the property of their respective owners.

DivX HD PIVX

This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video. To play purchased DivX movies, first register your device at vod.divx.com. Find your registration code in the DivX VOD section of your device setup menu.

DivX Certified® to play DivX® video up to HD 720p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of DivX, LLC and are used under license.

Dolby Digital Plus DOLBY. DIGITAL PLUS

Manufactured under license from Dolby Laboratories. Dolby, Dolby Digital Plus, and the double-D symbol are trademarks of Dolby Laboratories.

Anti-Theft Guide

You can set up your device to prevent other people from using it if it's been reset to factory settings without your permission. For example, if your device is lost, stolen, or wiped, only someone with your Google account or screen lock information can use the device.

All you need to make sure your device is protected is:

- Set a screen lock: If your device is lost or stolen but you have a screen lock set, the device can't be erased using the Settings menu unless your screen is unlocked.
- Add your Google account on your device: If your device is wiped but you have your Google account on it, the device can't finish the setup process until your Google account information is entered again.

After your device is protected, you'll need to either unlock your screen or enter your Google account password if you need to do a factory reset. This ensures that you or someone you trust is doing the reset.

NOTE

 Do not forget your Google account and password you had added to your device prior to performing a factory reset. If you can't provide the account information during the setup process, you won't be able to use the device at all after performing the factory reset.

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Accessories

These accessories are available for use with the your phone. (Items described below may be optional.)

- · Travel adaptor
- Quick Start Guide
- Stereo headset
- USB cable

NOTE:

- Always use genuine LG accessories. The supplied items are designed only for this device and may not be compatible with other devices.
- The items supplied with the device and any available accessories may vary depending on the region or service provider.

98 Accessories

Troubleshooting

This chapter lists some problems you might encounter when using your phone. Some problems require you to call your service provider, but most are easy to fix yourself.

Message	Possible causes	Possible corrective measures						
I I I I I I I I I I I I I I I I I I I		Make sure that the SIM card is correctly inserted.						
No network	Signal is weak or you are outside the carrier network.	Move toward a window or into an open area. Check the network operator coverage map.						
connection/ Dropped network	Operator applied new services.	Check whether the SIM card is more than 6~12 months old. If so, change your SIM card at your network provider's nearest branch. Contact your service provider.						
Codes do not match	To change a security code, must confirm the new code by re-entering it.	If you forget the code, contact your service provider.						
	The two codes you entered do not match.							

Troubleshooting 99

Message	Possible causes	Possible corrective measures						
No applications can be set	Not supported by service provider or registration required.	Contact your service provider.						
	Dialing error	New network not authorized.						
Calls not available	New SIM or USIM card inserted.	Check for new restrictions.						
	Pre-paid charge limit reached.	Contact service provider or reset limit with PIN2.						
Phone sannat ha	On/Off key pressed too briefly.	Press the On/Off key for at least two seconds.						
turned on	Battery is not charged.	Charge battery. Check the charging indicator on the display.						

Troubleshooting

Message	Possible causes	Possible corrective measures					
	Battery is not charged.	Charge battery.					
	Outside temperature is too hot or cold.	Make sure phone is charging at a normal temperature.					
Charging error	Contact problem	Check the charger and its connection to the phone.					
	No voltage	Plug the charger into a different outlet.					
	Charger defective	Replace the charger.					
	Wrong charger	Use only original LG accessories.					
Number not allowed.	The Fixed dialing number function is on.	Check the Settings menu and turn the function off.					
Impossible to receive/ send text messages & photos		Delete some messages from your phone.					
Files do not open	Unsupported file format	Check the supported file formats.					

Troubleshooting 101

Message	Possible causes	Possible corrective measures
The screen does not turn on when I receive a call.	Proximity sensor problem	If you use a protection tape or case, make sure it has not covered the area around the proximity sensor. Make sure that the area around the proximity sensor is clean.
No sound	Vibration mode	Check the settings status in the sound menu to make sure you are not in vibration or silent mode.
Hangs up or freezes	Intermittent software problem	Try to perform a software update through the website.

Wi-Fi (WLAN) -

This equipment may be operated in all European countries.

The 5150 - 5350 MHz band is restricted to indoor use only.

																	LV
LT	LU	МТ	NO	NL	PL	PT	RO	SK	SI	ES	SE	GB	IS	ME	RS	TR	MK



General Inquiries

< LG Customer Information Centre >

UK: 0344-847-5454 or +44-344-847-5454

IE: 01-686-9454 or +353-1-686-9454

* Make sure the number is correct before making a call.



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