



**LG**

Life's Good

USER GUIDE

**LG-X240ds**

## About this user guide

Thank you for choosing this LG product. Please carefully read this user guide before using the device for the first time to ensure safe and proper use.

- Always use genuine LG accessories. The supplied items are designed only for this device and may not be compatible with other devices.
- This device is not suitable for people who have a visual impairment due to the touchscreen keyboard.
- Descriptions are based on the device default settings.
- Default apps on the device are subject to updates, and support for these apps may be withdrawn without prior notice. If you have any questions about an app provided with the device, please contact a LG Service Centre. For user-installed apps, please contact the relevant service provider.
- Modifying the device's operating system or installing software from unofficial sources may damage the device and lead to data corruption or data loss. Such actions will violate your LG licence agreement and void your warranty.
- 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.
- Software, audio, wallpaper, images, and other media supplied with your device are licenced 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 responsible for the illegal use of media.
- Additional charges may incur for data services, such as messaging, uploading, downloading, auto-syncing and location services. To void additional charges, select a data plan suitable to your needs. Contact your service provider to obtain additional details.

## Instructional notices



**WARNING:** Situations that could cause injury to the user and third parties.



**CAUTION:** Situations that may cause minor injury or damage to the device.



**NOTE:** Notices or additional information.

# Table of contents

5 Guidelines for safe and efficient use

11 Safety instructions

## 01

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### Custom-designed

#### Features

19 KnockON

20 Gesture shot

## 02

---

### Basic Functions

22 Product components  
and accessories

23 Parts overview

25 Turning on or off the power

26 Installing the SIM card  
and battery

29 Charging the battery

30 Optimizing battery life

31 Inserting the memory card

32 Removing the memory card

32 Touch screen

36 Home screen

41 Screen lock

42 Device encryption

42 Taking screenshots

43 Entering text

# 03

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## Useful Apps

- 46 Installing and  
uninstalling apps
- 47 Phone
- 49 Messaging
- 50 Camera
- 53 Gallery
- 55 File Manager
- 55 Clock
- 56 Calculator
- 57 Sound Recorder
- 57 FM Radio
- 57 Downloads
- 58 E-mail
- 59 Contacts
- 61 Calendar
- 62 Google apps

# 04

---

## Phone Settings

- 65 Settings
- 65 Wireless & networks
- 70 Device
- 73 Personal
- 76 System

# 05

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## Appendix

- 79 LG Language Settings
- 79 Phone software update
- 80 FAQ
- 83 Anti-Theft Guide
- 84 More information

# Guidelines for safe and efficient use

## Important information about the device

- Device apps and services are subject to change or cancellation without notice, depending on the provider's situation and the software version.
- When the device is turned on for the first time, an initial configuration takes place. The first booting time may be longer than usual.

## Read before use

- To purchase optional items, contact the LG Customer Information Centre for available dealers.
- The appearance and specifications of the device are subject to change without notice.
- Do not use LG products for other purposes than those originally intended. Using non-certified apps or software may damage the device and this is not covered by warranty.

## Before you begin

### Safety Guidelines



- To reduce the possibility of electric shock, do not expose your product to high humidity areas, such as bathroom or swimming pool.

Keep the phone away from heat. Never store your phone in environment that may expose it to temperatures below 0 °C or above 40 °C, such as outdoor during snowstorm, or in your car in hot days. Exposure to cold or heat will result in malfunction, damage or permanent failure. Be careful when using your phone near other electronic devices. The RF emissions from mobile phones may affect nearby electronic equipment that not adequately shielded. You should consult manufacturers of any personal medical devices, as in the case of pacemakers and hearing aides, to determine whether they are susceptible to interference from cell phones.

Turn off your phone in medical facilities or at gas stations. Never place your phone in microwaves, as it will cause the battery to explode.

## Important

- Before using your phone, please read the SAFETY INFORMATION OF THE TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA).

## Safety Information

Read these simple guidelines. Breaking the rules may be illegal or dangerous.

More detailed information is provided in this user's guide.

- Never use an unapproved battery that could cause damages to the phone or the battery itself, or even explode.
- Never place your phone in a microwave oven, as this will result in an explosion of the battery.
- Do not dispose of your battery in fire or with hazardous or flammable materials.
- Make sure the battery does not come into contact with sharp-edged items, such as animal teeth or claws. This could cause a fire.
- Store the battery in a place out of the reach of children.
- Be careful so that children do not swallow any parts of the phone, such as rubber plugs (earpiece, parts that connect to the phone, etc.). This could cause asphyxiation or suffocation.
- Disconnect the plug and charger from the outlet when the phone shows that the battery has been fully charged, because it may cause electric shock or fire hazard.
- When in the car, do not leave your phone, or install a hands-free kit, near the airbag. If wireless equipment is improperly installed, you can be seriously injured if the airbag is deployed.
- Do not use mobile phone while driving.

- Do not use the phone in areas where its usage is prohibited. (For example: in airplanes).
- Do not expose the battery charger or adapter to direct sunlight, or use it in places with high humidity, such as bathroom.
- Never store your phone in temperatures lower than -20 °C or higher than 50 °C.
- Do not use harsh chemicals (such as alcohol, benzene, solvents, etc.) or detergents to clean the phone. This could cause fire.
- Do not drop the phone, strike it, or shake it hard. Such actions may harm the phone's internal circuit boards.
- Do not use your phone in high explosive areas, as this may generate sparks.
- Do not damage the power cord by bending, twisting, pulling, or heating it. Do not use the plug if it is loose as it may cause fire or electric shock.
- Do not handle the phone with wet hands while it is charging. This can cause electric shock or seriously damage your phone.
- Do not disassemble the phone.
- Do not make or answer calls while charging the phone, which can cause a short circuit, electric shock, or fire.
- Use only batteries and chargers provided by LG. The warranty does not apply to products provided by other providers.
- Only authorized personnel should service the phone and its accessories.
- Installation or service may result in accidents and consequently invalidate the warranty.
- Do not hold or let the antenna come in contact with your body during a call.
- Emergency calls can be made only within a service area. To make an emergency call, make sure you are within a service area and the phone is on.
- Use your accessories, such as headphones or headsets, with caution, ensuring that the cables are plugged properly and that they do not touch the antenna unnecessarily.
- Do not use your device near medical equipment without requesting permission. Please consult your doctor to determine if operation of your device may interfere with the operation of your medical device.



## Information about the RF exposure from FCC



- Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both international and U.S. standards. The highest SAR value for this phone FCC tested for use in the ear is 0.98 W/kg, and when worn on the body is 1.13 W/kg. The design of this phone complies with FCC guidelines and these international standards.

### Body effects

This device was tested for typical body operation, keeping a distance of 1.5 cm (0.59 inch) between the user's body and the front and back of the phone. To comply with RF exposure requirements of the FCC standards, a minimum distance of 1.5 cm (0.59 inch) between the user's body and the front and back of the phone is required.

Belt-clips, holsters, and similar accessories containing metallic components from others manufacturers should not be used.

Accessories worn close to the body, without keeping a minimum distance of 1.5 cm (0.59 inch) between the user's body and the front and back of the phone, and that have not been tested for typical body operation, may not comply with FCC's RF exposure limits and should be avoided.

### Class B Compliance under article 15 of the FCC

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

The operation is subject to the following conditions:

- (1) This device, and its accessories, will not cause harmful interference and
- (2) this device and its accessories must accept any interference received, including interference that could cause an undesired operation.

### Battery Precautions

- Do not disassemble.
- Do not short-circuit.
- Do not expose to high temperatures, over 60 °C (140 °F).

- Do not incinerate.

## Battery Disposal

- Please dispose of your battery properly, or bring it to your wireless provider for recycling.
- Do not dispose of your battery in fire or with hazardous or flammable materials.

## Adapter Precautions (Charger)

- Using the wrong battery charger could damage your phone and void your warranty.
- The adapter or battery charger is only designed for indoor use.
- Do not expose the battery charger or adapter to direct sunlight, or use it in places with high humidity, such as the bathroom.

## Cautions for Battery

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.

- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

## **Avoid damage to your ear**

- Damage to your hear can occur due to constant exposure to excessive high sound. We, therefore, recommend that you do not turn on or off the phone near your ear. We also recommend you be reasonable with the music and volume level.
- If you listen to music, please ensure that the volume level is adequate, so that you are aware of your surroundings. This is particularly important when attempting to cross a street.

## **FCC Part 15.21 statement**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## **FCC Part 15.105 statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

# Safety instructions

## TIA's Safety Information

This includes complete security information on wireless phones from TIA (Telecommunications Industry Association).

It's required, for CTIA Certification, the inclusion in the user manual of text covering pacemakers, hearing aids and other medical devices. It's encouraged the use of the remaining TIA language when relevant.

## Exposure to Radio Frequency Signal

Your wireless handheld portable telephone is a lowpower radio transmitter and receiver.

When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) \*

NCRP Report 86 (1986)

ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

\* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection.

The design of your phone complies with the FCC guidelines (and those standards).

## Phone Operation

**NORMAL POSITION:** Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

## Suggestions for a more efficient operation

For your phone to operate most efficiently:

- Do not touch the antenna unnecessarily, when the phone is in use. The contact with the antenna affects call quality, and may cause the phone to operate at a higher power level than otherwise would be need.

## Driving

Check the laws and regulations related to the use of wireless phones in the areas where you drive. Always obey these regulations. Also, if using your phone while driving, make sure to:

- Pay full attention to driving; driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park, before making or answering a call, if driving conditions demand so.

## Electronic Devices

Most modern electronic equipment is shielded from RF signals.

However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

## Pacemaker

The Medical Industry Manufacturers Association recommends a minimum distance of fifteen (15) centimeters, or six (6) inches, between a handheld wireless phone and a pacemaker, in order to avoid potential interference between them.

These advices are consistent with independent researches, and with recommendations based on wireless technology research.

People with pacemakers should:

- Always keep the product more than six (6) inches from their pacemaker when the product is turned ON.
- Not carry the phone in a shirt pocket.
- Use the ear opposite to the pacemaker, to minimize the potential interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

## Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, we recommend that you contact your service provider.

## Other Medical Devices

If you use any other personal medical devices, consult your device manufacturer to determine if they are adequately shielded from external RF energy. Your doctor can help you obtain this information.

## Health Care Facilities

Turn off your phone in health care facilities, whenever there are signs asking you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

## Vehicles

RF signals may affect improperly installed or inadequately shielded devices in motor vehicles.

Check with the manufacturer, or its representative, regarding your vehicle.

You should also consult the manufacturer about any equipment that has been added to your vehicle.

## Facilities with signs

Turn off the phone in any facility where warning signs request you to do so.

## Airplanes

FCC regulations prohibit the use of phones while in the air.

Turn off your phone before boarding an airplane.

## Blasting Areas

To avoid interfering with blasting operations, turn your phone off when in a 'blasting area' or in areas with signs that read: 'Turn off two-way radios'. Obey all signs and instructions.

## Potentially Explosive Atmosphere

Turn off the phone when in an area with a potentially explosive atmosphere, and obey all signs and instructions.

Sparks in such areas could cause an explosion or fire that could result in personal injury or death.

Areas with a potentially explosive atmosphere are often clearly marked, but not always. Among the potentially dangerous areas are: Fueling areas (such as gas stations), areas below deck on boats, facilities where chemical products are transferred or stored, vehicles using liquefied petroleum gas (as propane or butane), areas where the air contains chemicals or particles (such as grain, dust or metal powders), and any other areas where you would normally be advised to turn off your vehicle engine.

## For vehicles equipped with air bags

Air bags inflate with strong force. Do not place objects in the area over the air bag or in its deployment area, including wireless equipment, either installed or portable.

Serious injuries could occur if wireless equipment is improperly installed into the car when the air bag inflates.

## Safety Information

Read and observe the following information for the safe and proper use of your phone, and to prevent any damage.

Also, keep the user's guide in an accessible place at all times after reading it.

## Charger, Adapter and Battery Security

- The charger and adapter are designed only for indoor use.
- Dispose of your battery properly, or bring it to your wireless provider for recycling.
- The battery doesn't need to be fully discharged before recharging.
- Only use LG approved chargers that are specifically made for your phone model, since they are designed to maximize the battery life.
- Do not disassemble or short-circuit it.
- Keep the metal contacts on the battery clean.

- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Charge the battery after long periods without use to maximize its life.
- The battery life will vary depending on usage patterns and environmental conditions.
- Intensive use of backlighting, browser, and packet data connectivity affect battery life and talk/standby times.
- The role of self-protection interrupts the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn on the phone.

## Explosion, Shock and Fire Danger

- Do not place the phone in a place exposed to excessive dust, and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord before cleaning the phone, and clean the power plug whenever it is dirty.
- When using the power plug, make sure it is firmly connected. Otherwise, it can overheat or start a fire.
- Placing the phone in a pocket or bag without covering the receptacle (power plug pin), metallic articles (such as a coin, clip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Do not short-circuit the battery. Metal items, such as coins, paper clips, or pens, in your pocket or bag may cause a shortcircuit between the + and - terminals of the battery (metal strips on the battery). The short-circuit of the terminals may damage the battery and cause an explosion.

## General Notice

- Using a damaged battery, or inserting it into the mouth can cause serious injuries.
- Do not place the phone in proximity to items containing magnetic components, such as credit cards, calling cards, bank books, or subway tickets. The phone magnetism may damage the data stored in the magnetic strip.
- Talking on the phone for a long period of time may reduce call quality, because of the heat generated during use.



- When the phone has not been in use for a long time, store it in a safe place, with the power cord unplugged.
- Using the phone close to a receiving equipment (such as TV or radio) may cause interference.
- Do not immerse your phone in water. If this happens, immediately turn it off and remove the battery. If your phone does not work, take it to an LG Authorized Service Facility.
- The power supply contains elements that could be harmful to your health, if components are handled directly. If this happens, we recommend immediate hand-washing.
- Do not paint the phone.
- Data stored in your phone might be deleted due to careless use, hardware repair or software upgrade. Please backup your important phone numbers (ringtones, text or voice messages, images, and videos might also get deleted). The manufacturer is not liable for damages due to loss of data.
- When using the phone in public places, you may set the ringer on vibrate to avoid disturbing others.
- Do not switch the phone on/off while it is in your ear.
- 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.
- Please ensure that the product does not get in contact with liquid. Do not use or recharge the product if it is wet. Once the product becomes wet, the liquid damage indicator changes color. Please note that this will limit you from receiving any free-of-charge repair services provided under warranty.

## **Precautions when using SIM cards**

- Do not insert the SIM card into the device with the label or seal attached. This may cause damage.
- Do not remove the SIM card while using the device. This may damage the SIM card or the system.
- Take extra care to ensure that the SIM card is not scratched, bent, or damaged by magnet. This may delete files saved on the SIM card or cause device malfunctions.

## Precautions when using memory cards

- Make sure that the orientation is correct when inserting the memory card. Inserting using the wrong orientation may damage the card.

## Ambient temperatures

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.

## Securing personal information

- Make sure to protect your personal information to prevent data leakage or misuse of sensitive information.
- Always back up important data while using the device. LG is not responsible for any data loss.
- Make sure to back up all data and reset the device when disposing of the device to prevent any misuse of sensitive information.
- Read the permission screen carefully while downloading applications.
- Be cautious using the applications that have access to multiple functions or to your personal information.
- Check your personal accounts regularly. If you find any sign of misuse of your personal information, ask your service provider to delete or change your account information.
- If your device is lost or stolen, change the password of your account to secure your personal information.
- Do not use applications from unknown sources.



01

## **Custom-designed Features**

# KnockON

You can turn the screen on or off by double-tapping the screen.



- This option is available only on the Home screen provided by LG. It may not function properly on a custom launcher or on the Home screen installed by the user.
- When tapping the screen, use your fingertip. Do not use a fingernail.
- To use the KnockON feature, make sure that the proximity/light sensor is not blocked by a sticker or any other foreign substance.

## Turning on the screen

Double-tap the middle of the screen.

- Tapping the top or bottom of the screen may decrease the recognition rate.

## Turning off the screen

Double-tap the status bar, an empty area on the Home screen or the Lock screen.

# Gesture shot

You can take selfies by using gestures.

Show your palm to the front camera and then clench your fist.

- In three seconds, a photo is taken.



- An alternative way to take gesture shots is to clench your fist and then open it towards the front camera.
- Make sure that your palm and fist are within the reference line so that the camera can detect them.



02

## **Basic Functions**

# Product components and accessories

Make sure that none of the following items are missing:

- Device
- Battery
- Stereo headset
- USB cable
- Charger
- Quick Start Guide

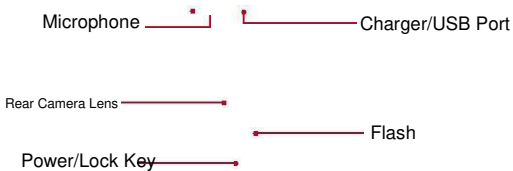
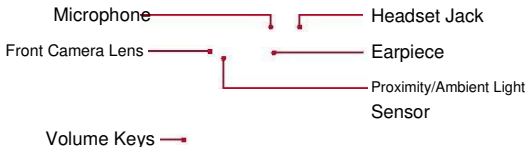


- The items described above may be optional.
- The items supplied with the device and any available accessories may vary depending on the area and service provider.
- Always use genuine LG Electronics accessories. Using accessories made by other manufacturers may affect your device's call performance or cause malfunctions. This may not be covered by LG's repair service.



- If any of these basic items are missing, contact the dealer from which you purchased your device.
- To purchase additional basic items, contact the LG Customer Service Centre.
- To purchase optional items, contact the LG Customer Service Centre for available dealers.
- Some items in the product box are subject to change without notice.
- The appearance and specifications of your device are subject to change without notice.

# Parts overview



Speaker

Microphone



- **Proximity/Ambient Light Sensor**
  - Proximity sensor: The proximity sensor turns off the screen and disables touch functionality when the device is in close proximity to the human body. It turns the screen back on and enables touch functionality when the device is outside a specific range.
  - Ambient light sensor: The ambient light sensor analyses the ambient light intensity when the auto-brightness control mode is turned on.
- **Volume Keys**
  - Adjust the Volume for ringtones, calls or notifications.
  - Gently press a Volume key to take a photo.
  - While screen is off, long press a Volume key to launch Camera.
- **Power/Lock Key**
  - Briefly press the key when you want to turn the screen on or off.
  - Press and hold the key when you want to select a power control option.



- Some functions may be restricted for access, depending on the device specifications.
- Do not put heavy objects on the device or sit on it, as this may damage the screen.
- Screen-protective film or accessories may interfere with the proximity sensor.
- If your device is wet or is being used in a humid place, the touch sensor or buttons may not function properly.

# Turning on or off the power

## Turning on the power

When the power is turned off, press and hold the Power/Lock Key.



- When the device is turned on for the first time, initial configuration takes place. The first booting time for the smart phone may be longer than usual.

## Turning off the power

Press and hold the Power/Lock Key, then select **Power off**.

## Power control options

Tap and hold the Power/Lock Key, then select an option.

- **Power off:** Turn off the device.
- **Restart:** Restart the device.

# Installing the SIM card and battery

Insert the SIM card provided by the device service provider, and the included battery.



- Do not insert a memory card into the SIM card slot. If a memory card happens to be lodged in the SIM card slot, take the device to a LG Service Centre to remove the memory card.



- Only the Nano SIM cards work with the device.

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

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



- To remove the SIM Card from Slot 1, push the pin at the top to the left.

3 Insert the battery.

4 To replace the cover onto the device, align the back cover over the battery compartment and press it down until it clicks into place.

# Charging the battery

Charge the battery before using it for first time. Use the charger to charge the battery. A computer can also be used to charge the battery by connecting the device to it using the USB cable.



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

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

# 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 device battery life

- Turn off radio communications when you are not using. If you are not using Wi-Fi, Bluetooth® or GPS, turn them off.
- Reduce screen brightness and set a shorter screen timeout.
- Turn off automatic syncing for Gmail, Calendar, Contacts and other applications.
- Some applications you download may consume battery power.
- While using downloaded applications, check the battery charge level.

# Inserting the memory card

The device supports up to a 32GB microSD. Some memory cards may not be compatible with your device, depending on the memory card manufacturer and type.



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



- If you write and erase data too frequently, it will shorten the lifespan of memory cards.



- 1 Remove the back cover.
- 2 Insert a memory card with the gold-coloured contacts facing downwards.

- 3 Replace the back cover.



# Removing the memory card

Before removing the memory card, first unmount it for safe removal.

- 1 Tap  >  > **Settings** > **Storage** > ▲.
- 2 Remove the back cover and pull out the memory card.



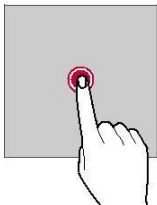
- Do not remove the memory card while the device is transferring or accessing information. This may cause data to be lost or corrupted, or may damage the memory card or the device. LG is not responsible for losses that result from the abuse or improper use of memory cards, including the loss of data.

## Touch screen

You can familiarise yourself with how to control your device by using touch screen gestures.

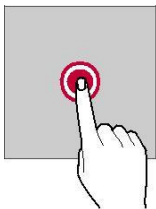
### Tapping

Lightly tap with your fingertip to select or run an app or option.



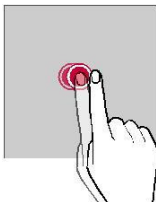
## Tapping and holding

Tap and hold for several seconds to run a hidden function.



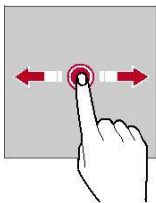
## Double-tapping

Tap twice quickly to zoom in or out on a photo or map.



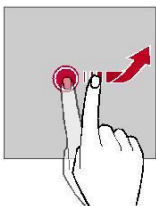
## Swiping

Tap and hold an item, such as an app or widget, then swipe it to another location. You can use this gesture to move an item.



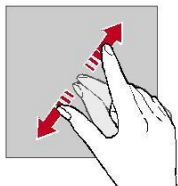
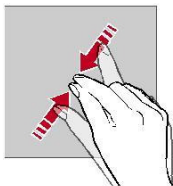
## Flicking

Gently tap and hold on the screen, then flick left or right to quickly move to another panel.



## Pinching and spreading

Pinch two fingers to zoom out such as on a photo or map. To zoom in, spread your fingers apart.




- Do not expose the touch screen to excessive physical shock. You might damage the touch sensor.



- A touch screen failure may occur if you use the device near a magnetic, metallic or conductive material.
- If you use the device under bright lights, such as direct sunlight, the screen may not be visible, depending on your position. Use the device in a shady location or a location with an ambient light that is not too bright and bright enough to read books.
- Do not press the screen with excessive force.
- Gently tap with your fingertip on the option you want.
- Touch control may not work properly if you tap while wearing a glove or by using the tip of your fingernail.
- Touch control may not work properly if the screen is moist or wet.
- The touch screen may not function properly if a screen-protective film or accessory is attached to the device.

# Home screen

## Home screen overview

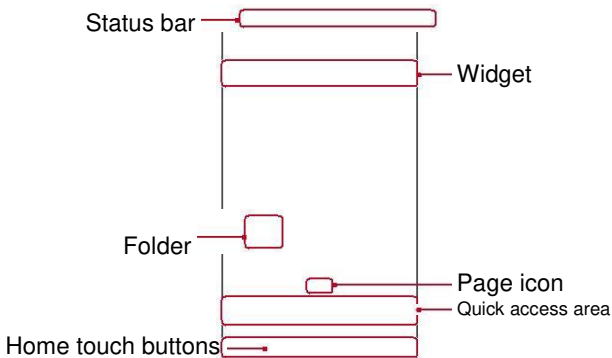
The Home screen is the starting point for accessing various functions and apps on your device. Tap  on any screen to directly go to the Home screen.

You can manage all apps and widgets on the Home screen. Swipe the screen left or right to view all installed apps at a glance.

To search for an app, use Google search.




## Home screen layout

You can view all apps and organise widgets and folders on the Home screen.














• The Home screen may vary, depending on the service provider or software version.

- **Status bar:** View status icons, the time and the battery level.
- **Widget:** Add widgets to the Home screen to quickly access necessary information without bothering to run apps one by one.

- Folder: Create folders to group apps by your preferences.
- Page icon: View the total number of Home screen canvases and the currently displayed canvas which is highlighted.
- Quick access area: Fix main apps at the bottom of the screen so that they can be accessed from any Home screen canvas.
- Home touch buttons
  -  : Return to the previous screen. Close the keypad or pop-up windows.
  -  : Tap to go to the Home screen. To launch **Google**, tap and hold.
  -  : View a list of recently used apps or run an app from the list. In some apps, tapping and holding the button will access additional options.

## Status icons

When there is a notification for an unread message, calendar event or alarm, the status bar displays the corresponding notification icon. Check your device's status by viewing notification icons displayed on the status bar.

-  : No signal
-  : Data is being transmitted over the network
-  : Alarm is set
-  : Vibrate mode is on
-  : Bluetooth is on
-  : Connected to a computer via USB
-  : Flight mode is on
-  : Missed calls
-  : Wi-Fi is on
-  : Hotspot is on
-  : No SIM card

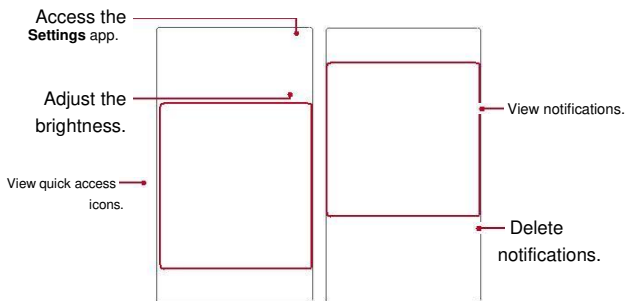


- Some of these icons may appear differently or may not appear at all, depending on the device's status. Refer to the icons according to the actual environment in which you are using the device.
- Displayed icons may vary, depending on the area or service providers.

## Notifications panel

You can open the notifications panel by dragging the status bar downwards.



Use quick access icons in the notifications panel to easily and quickly turn a function on or off.



## Switching the screen orientation

You can set the screen orientation to automatically switch, according to the device's orientation.

On the notification panel, tap **Portrait** from the quick access icon list.

Alternatively, tap  >  > **Settings** > **Display** > **When device is rotated** and select **Rotate the contents of the screen**.

## Editing the Home screen

On the Home screen, tap and hold on an empty space, then start the desired function.

- To rearrange the Home screen canvases, tap and hold on a canvas, then drag it to another location.
- To add widgets to the Home screen, tap **WIDGETS** and drag a widget to the Home screen.
- To change Home screen settings, tap **SETTINGS** and customise options.



## Moving apps on the Home screen

On the Home screen, tap and hold an app, then drag it to another location.

- To keep frequently used apps at the bottom of the Home screen, tap and hold an app, then drag it to the quick access area at the bottom.
- To remove an icon from the quick access area, drag the icon to the Home screen.

## Using folders from the Home screen

### Creating folders

On the Home screen, tap and hold an app, then drag it over another app.

- A new folder is created and the apps are added to the folder.

### Editing folders

On the Home screen, tap a folder and then run the desired function.

- To edit the folder name, tap the folder name.
- To remove an app from the folder, tap and hold the app and drag it to outside the folder. If only one app is left in the folder, the folder disappears automatically.

# Screen lock

## Screen lock overview

Your device's screen turns off and locks itself if you press the Power/ Lock Key. This also happens after the device is left idle for a specified period of time.

If you press the Power/Lock Key when a screen lock is not set, the Home screen appears immediately.

To ensure security and prevent unwanted access to your device, set a screen lock.



- Screen lock prevents unnecessary touch input on the device screen and reduces battery consumption. We recommend that you activate the screen lock while not using the device.

## Configuring screen lock settings

There are several options available for configuring the screen lock settings.

- 1 Tap > > **Settings** > **Security** > **Screen lock** and then select the method you prefer.
- 2 Customise lock settings:
  - **None**: Deactivate the screen lock function.
  - **Swipe**: Slide on the screen to unlock the screen.
  - **Pattern**: Draw a pattern to unlock the screen.
  - **PIN**: Enter a numeric password to unlock the screen.
  - **Password**: Enter an alphanumeric password to unlock the screen.



- If you incorrectly attempt to unlock the device 5 times, the screen is blocked for 30 seconds.

# Device encryption

## Encrypting your device

Data is encrypted before saving on the device to protect the data. It is possible to read, write and copy data even when device encryption is set. It is also possible to display a user confirmation prompt when the power is turned on by using lock settings while in lock screen mode.

## Precautions for device encryption

You can use Secure start-up to increase your device's protection level.



- If Secure start-up is turned on and an incorrect password is entered more than a specified number of times, the device will automatically initialise.
- If you forget your decryption password, you must initialise the device to use it again. Initialisation will delete all data saved before initialisation.

# Taking screenshots

You can take screenshots of the current screen you are viewing.

## Via a shortcut

Press and hold the Power/Lock Key and the Volume Down (-) key at the same time for at least two seconds.

- Screenshots can be viewed from the **Screenshot** folder in the **Gallery**.

# Entering text

## Using Smart keyboard

You can use Smart keyboard to enter and edit text.

With Smart keyboard, you can view text as you type without bothering to alternate between the screen and a conventional keyboard. This allows you to easily find and correct errors when typing.



## Suggesting words

Smart keyboard automatically analyses your usage patterns to suggest frequently used words as you type. The longer you use your device, the more precise the suggestions are.

- The selected word is automatically entered. You do not need to manually type every letter of the word.



## Changing the keyboard

You can change the input language and the keyboard type for each language.

- 1 Tap  >  > **Settings** > **Language & input**.
- 2 Select a language and customise the keyboard type.

## Copy and Paste

You can cut or copy text from an app, and then paste the text into the same app. Or, you can run other apps and paste the text into them.

- 1 Tap and hold around the text you want to copy or cut.
- 2 Drag  /  to specify the area to copy or cut.
- 3 Select either **CUT** or **COPY**.
  - Cut or copied text is automatically added to the clip tray.
- 4 Tap and hold the text input window, then select **PASTE**.



- If there is no item that has been copied or cut, the **PASTE** option will not appear.



03

## Useful Apps

# Installing and uninstalling apps

## Installing apps

Access an app store to search and download apps.

- You can use **Play Store** or the app store provided by your service provider.



- Some app stores may require you to create an account and sign in.
- Some apps may charge fees.
- If you use mobile data, you may be charged for data usage, depending on your pricing plan.

## Uninstalling apps

Uninstall apps that you no longer use from your device.



- Some apps cannot be uninstalled by users.

## Uninstalling with the tap and hold gesture

- On the Home screen, tap and hold the app to uninstall, then drag it over **Uninstall** at the top of the screen.

## Uninstalling by using the settings menu

Tap    > **Settings** > **Apps**, select an app, then tap **UNINSTALL**.

## Uninstalling apps from the Play Store





To uninstall an app, access the Play Store from which you download the app and uninstall it.

# Phone

## Voice call

Make a phone call by using one of the available methods, such as manually entering a phone number or making a call from the contact list or the list of recent calls.





### Making a call from the keypad

- 1 Tap   .
- 2 Make a call by using a method of your choice:
  - Enter a phone number and tap .
  - Search for a contact by tapping the initial letter of a contact name in the contact list.




- To enter "+" when making an international call, tap and hold number 0.
- The headsets will continue to play sound even in Speaker Mode.

### Making a call from the contact list

- 1 Tap   .
- 2 From the contact list, select a contact and tap .

## Answering a call




To answer a call, swipe  to right to answer an incoming call.

- When the stereo headset is connected, you can make calls by using the call/end button on the headset.







## Rejecting a call

To reject an incoming call, swipe  to left to decline an incoming call.




- To send a rejection message, swipe  to up to send a rejection message.
- To add or edit a rejection message, tap  >  > > **Settings** > **Quick responses**.
- When a call is coming in, you can press the Power/Lock Key or the volume key to switch to mute mode.



## Viewing missed calls

If there is a missed call, the status bar at the top of the screen displays .

To view missed call details, drag the status bar downwards. Alternatively, tap  >  > .

## Viewing call records

To view recent call records, tap  >  > . Then, you can use the following functions:


- To view detailed call records, select a contact. To make a call to the selected contact, tap .
- To delete call records, tap **Call details** > .



- The displayed call duration may differ from the call charge. Consult with your service provider for more information.

## Configuring call options

You can configure various call options.

- 1 Tap .
- 2 Tap **Settings** and then configure the options to suit your preferences.







# Messaging

## Sending a message

You can create and send messages to your selected contacts or all of your contacts using the Messaging app.





- Sending messages abroad may incur additional charges. Consult with your service provider for more information.

- 1 Tap  .
- 2 Tap .
- 3 Specify a recipient and create a message.
  - To attach files, tap .
  - To access optional menu items, tap .
- 4 Tap  to send the message.




## Reading a message

You can view exchanged messages organised by contact.

- 1 Tap  .
- 2 Select a contact from the message list.


## Configuring messaging settings

You can change messaging settings to suit your preferences.

- 1 Tap  .
- 2 Tap  **Settings** from the message list.


# Camera


## Starting the camera


You can take a photo or record a video to keep the memorable moments. Tap .





- Before taking a photo, wipe the camera lens with a microfibre cloth. If your finger touches the camera lens, you may get blurry photos.
- If the battery level is lower than 5%, charge the battery before using the camera.
- Images included in this user guide may be different from the actual device.
- Photos and videos can be viewed or edited from **Gallery**.

Select the Normal mode 

Select the Face beauty mode 


Select the Panorama mode 

 Turn the flash on or off

 Switch between front and rear cameras


 Take photos

 Record videos

 Change camera options

## Switching between cameras

You can switch between the front and rear cameras to suit your shooting environment.

On the camera screen, tap  to switch between the front and rear cameras.




- Use the front camera to take selfies.

## Zoom in or out

You can use zoom in or out on the camera screen while taking a picture or recording a video.

On the camera screen, pinch or spread two fingers to zoom in or out.






## Taking a photo

- 1 Select a shooting mode, and tap the subject to focus the camera on.
- 2 Tap  to take a photo.  
Alternatively, press a volume key.






- When the screen is turned off or locked, start the camera by pressing and holding the Volume.

## Recording a video


- 1 Select the Normal mode, and tap the subject to focus the camera on.
- 2 Tap .
  - To take a photo while recording a video, tap .
  - To pause the video recording, tap . To resume the video recording, tap .
- 3 Tap  to end the video recording.


## Panorama

You can create a panoramic photo by moving the camera in one direction to photograph and stitch continuous shots of for a wide view.

- 1 In the Normal mode, tap .
- 2 Tap , and then slowly move the camera in one direction.
  - Move the device by following the direction of the arrow in the guideline.
- 3 Tap  to end shooting.

## Burst shot

You can take continuous shots of photos to create moving pictures. In the Normal mode, tap and hold .

- Continuous shots are taken at a fast speed while  is held down.



- Up to ten (10) continuous photos can be taken.

## Taking selfies

You can use the front camera to view your face on the screen and take selfies.



- When using the front camera, you can change in camera options how selfies are taken.

## Gallery

### Gallery overview

You can view and manage photos and videos saved on your device.

1 Tap    .

- Saved photos and videos are displayed by the folder.


2 Tap a folder and select a file.


- View the selected file in full-screen mode.
- Swipe left or right on the displayed photo or video screen to view the previous or next file.

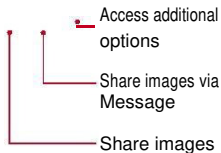


- Some file formats may not be supported, depending on the installed software.
- Some files may not be opened due to encoding.
- Files that exceed the size limit may cause an error.


## Viewing photos

Back to the previous screen 


Edit images 



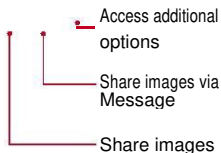
## Editing photos

- 1 While viewing a photo, tap .
- 2 Use a variety of effects and tools to edit the photo.
- 3 Tap **SAVE** to save changes.
  - The changes are overwritten to the original file.

## Playing a video

Back to the previous screen 

Pause or play the video 





## Deleting files

You can delete files by using one of the following options:

- Tap and hold a file from the file list, then tap **Delete**.

## Sharing files

You can share files by using one of the following options:

- While viewing a photo or video, tap  to share the file by using the method you want.
- Tap  from the file list to select files and share them using the method you want.

## File Manager





You can view and manage files saved on your device or cloud.

- 1 Tap  >  > **File Manager**.
- 2 Select the desired storage location.



## Clock

### Alarm

You can set an alarm to trigger it at a specified time.

- 1 Tap  >  > **Clock** > .
- 2 Tap  to add a new alarm.
- 3 Configure the alarm settings and tap **OK**.



- If you select a previously set alarm, you can edit the alarm.
- To delete an alarm, tap  > .

### Clock









You can view the current time in cities around the world.

- 1 Tap  >  > **Clock** > .
- 2 Tap  and add a city.











## Timer

You can set the timer to trigger an alarm after a specified period of time.

- 1 Tap  >  > **Clock** > .
- 2 Set the time and tap 
  - To suspend the timer, tap . To resume the timer, tap .
  - To reset the timer settings, tap .
- 3 Tap  to reset the timer alarm.

## Stopwatch

You can use the stopwatch to record a lap time.

- 1 Tap  >  > **Clock** > .
- 2 Tap  to initiate the stopwatch.
  - To record a lap time, tap .
- 3 Tap  to suspend the stopwatch.
  - To resume the stopwatch, tap .
  - To delete all the stopwatch records, tap .

## Calculator







You can use two types of calculators: the simple calculator and the scientific calculator.

Tap  >  > **Calculator**.

- To use scientific calculator, drag the slide bar located in the right side of the screen to the left.
- To restart a calculation, touch and hold the **DEL** button.

# Sound Recorder

You can record and save your voice or others' voices from important events. Recorded voice files can be played back or shared.

- 1 Tap   **Sound Recorder**.
- 2 Tap 
  - To pause recording, tap .
- 3 Tap  to end recording.
  - The file is saved automatically and the pre-listen screen appears.
- 4 Tap  to play the recorded voice.

# FM Radio

You can listen to FM radio.

Tap   **FM Radio**.



- To use this app, first connect a headset to the device. The headset becomes the radio antenna.
- This option may not be supported, depending on the area.
- The headsets will continue to play sound even in Speaker Mode.

# Downloads

You can view, delete or share files downloaded via the Internet or apps. Tap   **Downloads**.

# E-mail

## E-mail overview

You can register an email account to your device and then you can check and send emails from your device.



- If you use mobile data, you may be charged for data usage fee depending on your pricing plan. Consult with your service provider for more information.

## Registering email accounts

When you use the email app for the first time, register your email account.

- 1 Tap **E-mail**.
- 2 Select an email service provider.
- 3 Enter your email address and password and then tap **NEXT** to register your account
  - To manually register an email account or to register email accounts not found in the list, tap **MANUAL SETUP**.

## Managing email accounts


To view or edit your email account settings, tap **Settings**.

- To add an account, tap **Add account**.





## Opening another email account

If several email accounts are registered and you want to view another account, tap and select another one from the account list.

## Checking email

- 1 Tap  and select a mail box.
- 2 Select an email from the email list.
  - The email message appears.

## Sending email

- 1 Tap .
- 2 Enter the email address of a recipient.
- 3 Enter a subject and message.
  - To attach files, tap .
  - To access optional menu items, tap .
- 4 Tap  to send the email.

# Contacts



## Contacts overview

You can save and manage contacts.

Tap  >  > **Contacts**.


## Adding contacts

### Adding new contacts

- 1 On the contact list screen, tap .
- 2 Enter contact details and tap .

## Importing contacts

You can import contacts from another storage device.

- 1 On the contact list screen, tap  **Import/Export**.
- 2 Select the source and target locations of the contact you want to import, and then tap **NEXT**.
- 3 Select contacts and tap **OK**.



## Searching for contacts

You can search for contacts by using one of the following options:


- On the contact list screen, enter a contact name in the search box.
- Scroll the contact list up or down.
- From the index of the contact list screen, tap the initial letter of a contact.

## Contacts list

### Editing contacts


- 1 On the contact list screen, select a contact.
- 2 On the contact detail screen, tap  and edit details.
- 3 Tap  to save changes.

### Deleting contacts





- 1 On the contact list screen, tap and hold a contact.
- 2 Tap  **Delete**.

### Adding favourites

You can register frequently used contacts as favourites.

- 1 On the contact list screen, select a contact.
- 2 On the contact detail screen, tap .

## Creating groups




- 1 On the contact list screen, tap  **Groups** .
- 2 Enter a new group name.
- 3 Tap , select contacts, then tap **OK**.
- 4 Tap  to save the new group.

# Calendar

## Calendar overview

You can use the calendar to manage events and tasks.

## Adding events

- 1 Tap   **Calendar**.
- 2 Select a date and then tap .
- 3 Enter event details and tap **SAVE**.
  - If you tap a date from the calendar and the date contains events, a pop-up window appears showing a list of the events. Tap an event from the pop-up window to view the event details.

# Google apps

You can use Google apps by setting a Google account. The Google account registration window appears automatically when you use a Google app for the first time. If you do not have a Google account, create one from your device. For details on how to use an app, see the Help in the app.



• Some apps may not work depending on the area or service provider.

## Google

Use search function provided by Google to search web sites and files stored on your device by entering keywords or via voice.

## Gmail

Register your Google email account to your device to check or send email.

## Maps

Find your location or the location of a place on the map. View geographical information.

## YouTube

Search and play videos. Upload videos on YouTube to share them with people around the world.

## Drive

Upload, save, open, share and organise files from your device. Files accessible from apps can be accessed from anywhere, including online and offline environments.

## Play Music

Purchase music files from **Play Store**. Play music files saved on your device.

## **Play Movies & TV**

Use your Google account to rent or purchase movies.  
Purchase content and play it anywhere.

## **Photos**

View or share photos or albums saved on your device.





04


## Phone Settings

# Settings

You can customise the device settings in accordance with your preferences.

Tap  **Settings**.




• Tap  and enter a keyword in the search box to access a setting item.

## Wireless & networks

### Wi-Fi


You can connect to nearby devices over a Wi-Fi network.

#### Connecting to a Wi-Fi network

- 1 On the settings screen, tap **Wi-Fi**.
- 2 Drag  to activate it.
  - Available Wi-Fi networks appear automatically.
- 3 Select a network.
  - You may need to enter the network's Wi-Fi password.
  - The device skips this process for previously accessed Wi-Fi networks. If you do not want to automatically connect to a certain Wi-Fi network, tap and hold the network and then tap **Forget network**.

#### Wi-Fi network settings

On the settings screen, tap **Wi-Fi**.

- : Customise Wi-Fi network settings.

## Wi-Fi Direct

You can connect your device to other devices that support Wi-Fi Direct to share data directly with them. You do not need an access point. You can connect with more than two devices by using Wi-Fi Direct.

- 1 On the settings screen, tap **Wi-Fi** > **Advanced** > **Wi-Fi Direct**.
  - Nearby devices that support Wi-Fi Direct automatically appear.
- 2 Select a device.
  - Connection occurs when the device accepts the connection request.




• The battery may drain faster when using Wi-Fi Direct.

## Bluetooth

You can connect your device to nearby devices that support Bluetooth to exchange data with them. Connect your device to a Bluetooth headset and a keyboard. This makes it easier to control the device.

### Pairing with another device

- 1 On the settings screen, tap **Bluetooth**.
- 2 Drag  to activate it.
  - Available devices appear automatically.
  - To refresh the device list, tap **Refresh**.




• Only devices with the searching option enabled are displayed on the list.

- 3 Select a device from the list.
- 4 Follow the on-screen instructions to perform authentication.



• This step is skipped for previously accessed devices.



## Sending data via Bluetooth

- 1 Select a file.
  - You can send multimedia files or contacts.
  -  **Bluetooth**.
- 2 Select a target device for the file.
  - The file is sent as soon as the target device accepts it.



• File sharing processes may differ depending on the file.


## SIM cards

- **SIM slot 1** : You can change the SIM card name and select your desired colours for SIM card 1. Tap  to activate or deactivate the SIM card slot 1.
- **SIM slot 2** : You can change the SIM card name and select your desired colours for SIM card 2. Tap  to activate or deactivate the SIM card slot 2.
- **Mobile data** : You can select a SIM for data.
- **Calls** : You can select a SIM for calls.
- **SMS messages** : You can select a SIM for messages.

## Data usage

Displays the data usage and device data usage limit.

On the Settings screen, tap **Data usage**.


- Tap  to toggle your device data connection On or Off. This allows you to manage your device data usage. You can use a Wi-Fi network connection for data instead.

## Airplane mode

You can turn off the call and mobile data functions. When this mode is on, functions that do not involve data, such as games and music playback, remain available. On the settings screen, tap **More > Airplane mode**.

## Wi-Fi hotspot

You can set the device as a wireless router so that other devices can connect to the internet by using your device's mobile data.


- 1 On the settings screen, tap **More > Tethering & portable hotspot > Wi-Fi hotspot** and then drag  to activate it.
- 2 Tap **Set up Wi-Fi hotspot**, and enter the Network Name and password.
- 3 Turn on Wi-Fi on the other device, and select the name of the device network on the Wi-Fi list.
- 4 Enter the network password.



- This option uses mobile data and may incur data usage fees, depending on your pricing plan. Consult with your service provider for more information.
- More information is available at this web site: <http://www.android.com/tether#wifi>

## USB tethering

You can connect the device to another device via USB and share mobile data.


- 1 Connect your device and other devices via USB cable.
- 2 On the settings screen, tap **More > Tethering & portable hotspot > USB tethering** and then drag  to activate it.



- This option uses mobile data and may incur data usage fees, depending on your pricing plan. Consult with your service provider for more information.
- When connecting to a computer, download the USB driver from [www.lg.com](http://www.lg.com) and install it on the computer.
- You cannot send or receive files between your device and a computer while USB tethering is turned on. Turn off USB tethering to send or receive files.
- Operating systems that support tethering are Window XP or higher, or Linux.

## Bluetooth tethering

A Bluetooth-connected device can connect to the internet by using your device's mobile data.

- 1 On the settings screen, tap **More > Tethering & portable hotspot > Bluetooth tethering** and then drag  to activate it.
- 2 Turn on Bluetooth on both devices, and pair them.



- This option uses mobile data and may incur data usage fees, depending on your pricing plan. Consult with your service provider for more information.
- More information is available at this web site:  
[http://www.android.com/tether#Bluetooth\\_tethering](http://www.android.com/tether#Bluetooth_tethering)

## VPN

You can connect to a safe virtual network, such as an intranet. You can also manage connected virtual private networks.

### Adding VPN

- 1 On the settings screen, tap **More** > **VPN**.
- 2 Tap **+**.
  - If the screen is not locked, a notification screen appears. Tap **OK** from the notification screen and lock the screen.
- 3 Enter VPN details and tap **SAVE**.

### Configuring VPN settings

- 1 Tap a VPN from the **VPNS** list.
- 2 Enter the VPN user account details and tap **CONNECT**.

## Mobile networks

You can customise mobile data settings.

- 1 On the settings screen, tap **More** > **Mobile networks**.
- 2 Customise the following settings:
  - **Data roaming**: Connect to data services when roaming.
  - **Preferred network type**: Select a network type.
  - **Access Point Names**: View or change the access point for using mobile data services. To change the access point, select a choice from the access point list.
  - **Network operators**: Search for network operators and connect automatically to a network.

# Device

## Display

You can customise detailed settings for each screen type.

On the settings screen, tap **Display** and customise the following settings:

- **Wallpaper:** Change the Home screen background theme.
- **Lock screen wallpaper:** Set your Lock screen wallpaper.
- **Brightness level:** Use the slide bar to change the device's screen brightness.
- **Adaptive brightness:** Set the device so that the screen brightness is automatically adjusted in accordance with the surrounding light intensity.
- **Sleep:** Automatically turn off the screen when the device is left idle for a specified period of time.
- **Daydream:** Display a screen saver when the device is connected to the holder or charging. Select a screen saver type to display.
- **Font size:** Change the font size.
- **When device is rotated:** Automatically rotate the screen according to the device's orientation.
- **More > KnockON:** Turn on or off the screen by tapping the screen twice.

## Sound & notification

You can customise sound, vibrate and notification settings.

On the settings screen, tap **Sound & notification** and customise the following settings:

- **Sound:** Adjust the sound volume for various items.
- **Also vibrate for calls:** Set the device to vibrate and play a ringtone simultaneously.
- **Do not disturb:** Set the time, range and app type to receive notification messages. Receive notification messages only on



particular days of the week.

- **Phone ringtone:** Select a ringtone for incoming calls.
- **Default notification ringtone:** Select a notification ringtone.
- **Other sounds:** Select a sound effect to play when you tap the dial pad, select an option, or lock or unlock the screen.
- **When device is locked:** Display or hide a notification message on the lock screen.
- **App notifications:** Select the apps that can show their notification messages on the screen, and set the priorities of those apps in regard to notification messages.
- **Notification access:** Apps cannot read notifications.
- **Do Not Disturb access:** Limit interruptions with Do not disturb mode.

## Apps

You can view a list of installed apps. Shut down or delete apps, if necessary.

- 1 On the settings screen, tap **Apps**.
- 2 Select an app and perform actions.


## Storage

You can view and manage internal storage on the device or storage space of the memory card.

- 1 On the settings screen, tap **Storage**.
- 2 Customise the following settings:
  - **Device storage** : View the total storage space and free space in the device's internal storage. View a list of apps in use and the storage capacity for each app.
  - **Portable storage:** View the total storage space and free space in the memory card. This option appears only when a memory card is inserted. To unmount the memory card, tap ▲.

## Battery

You can view the current battery information or turn on battery saver.

- 1 On the settings screen, tap **Battery**.
- 2 Customise the following settings:
  - **Use details** : View the battery usage details. To view more details, select a specific item.
  - **Battery saver**: Reduce battery consumption by cutting down some device settings, such as the display brightness, speed and vibration intensity. The status bar displays  when battery saver is on.

## Memory

You can view the average amount of memory usage over a certain period of time and the memory occupied by an app.

- 1 On the settings screen, tap **Memory**.
- 2 Tap ▼ to set a time slot to retrieve data.

## Personal

### Location

You can customise how your location information is used by particular apps.

- 1 On the settings screen, tap **Location**.
- 2 Customise the following settings:
  - **Mode**: Select a method to provide your location information.
  - **Recent location requests**: View apps that recently requested location information.
  - **Google Location History**: Configure the Google location history settings.

## Security

- 1 On the settings screen, tap **Security**.
- 2 Customise the following settings:
  - **Screen lock:** Customise lock screen settings.
  - **Automatically lock:** Automatically turn off the screen when the device is left idle for a specified period of time.
  - **Power button instantly locks:** Instantly lock the screen when the Power/Lock key is pressed.
  - **Lock screen message:** Display message on the lock screen.
  - **Smart Lock:** Select trusted items so that if one of them occurs, the device is automatically unlocked.
  - **Encrypt phone:** Set the device password for privacy. Create a PIN or password to enter each time the device is turned on.
  - **Set up SIM card lock:** Lock or unlock the SIM card, or change the password (PIN).
  - **Make passwords visible:** Display a password as you enter it.
  - **Device administrators:** Allow privileges to restrict the control or use of the device to particular apps.
  - **Unknown sources:** Allow the installation of apps from non-Play Store apps.
  - **Storage type:** Displays the current storage type.
  - **Trusted credentials:** Display trusted CA certificates.
  - **Install from internal storage:** Tap to install a secure certificate.
  - **Clear credentials:** Remove all certificates.
  - **Trust agents:** View and use trust agents installed on the device.
  - **Screen pinning:** Fix the app screen so that only the currently active app can be used.
  - **Apps with usage access:** View details on usage of apps on the device.

## Accounts

You can add or manage accounts, including a Google account. You can also sync particular apps or user information automatically.

- 1 On the settings screen, tap **Accounts**.
- 2 Customise the following settings:
  - **Auto-sync data:** Sync all the registered accounts automatically.
  - **Add account:** Add accounts.

## Google

You can use Google settings to manage your Google apps and account settings.

On the settings screen, tap **Google**.

## Language & input

You can customise language and keyboard settings for your device.

- 1 On the settings screen, tap **Language & input**.
- 2 Customise the following settings:
  - **Language:** Select a language to apply for the device.
  - **Spell checker:** Correct the spelling by using Google Spell Checker.
  - **Personal dictionary:** Manage some words in the Personal dictionary.
  - **Current Keyboard:** View the keyboard type currently in use. Select a keyboard to use when entering text.
  - **Android Keyboard (AOSP):** Customise Android keyboard settings.
  - **Google voice typing:** Configure the options for text dictation by Google.
  - **Text-to-speech output:** Configure the settings for text-to-speech output.
  - **Pointer speed:** Adjust the pointer speed of a mouse or trackpad.

## Backup & reset

You can back up data saved on your device to another device or account. Reset the device, if necessary.

- 1 On the settings screen, tap **Backup & reset**.
- 2 Customise the following settings:
  - **Back up my data:** Back up your app data, Wi-Fi password and other settings to the Google server.
  - **Backup account:** View the current backup account in use.
  - **Automatic restore:** Automatically restore backup settings and data when reinstalling an app.
  - **Network settings reset:** Reset Wi-Fi, Bluetooth and other network settings.
  - **Factory data reset:** Reset all settings for the device and delete data.



- Resetting your device deletes all data on it. Enter your device name, Google account and other initial information again.

## System

### Date & time

You can customise date and time settings for your device.

- 1 On the settings screen, tap **Date & time**.
- 2 Customise the settings.

### Accessibility

You can manage accessibility plug-ins installed on your device.

- 1 On the settings screen, tap **Accessibility**.
- 2 Customise the following settings:

- **TalkBack:** Set the device to notify screen status or actions via voice.
- **Switch Access:** Create key combinations to control your device.
- **Captions:** Turn on the subtitle service when playing videos for the hearing impaired.
- **Magnification gestures:** Zoom in or out by tapping the screen three times.
- **Large text:** Change the font size.
- **High contrast text:** Set the text to a darker contrast.
- **Power button ends call:** End a call by pressing the Power/Lock Key.
- **Auto-rotate screen:** Automatically change the screen orientation according to the physical position of the device.
- **Speak passwords:** Enable to allow voice confirmations of characters when entering passwords.
- **Accessibility shortcut:** Quickly access a frequently used function.
- **Text-to-speech output:** Set the preferred speech engine and speech rate.
- **Touch & hold delay:** Adjust the touch input time.
- **Colour inversion:** Increase the display colour contrast for people with low vision.
- **Colour correction:** Adjust the display colour.

## Printing

You can 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.

## About phone

You can view information about your device, such as the name, status, software details and legal information.

On the settings screen, tap **About phone** and view information.





05

## **Appendix**

# LG Language Settings

Select a language to use on your device.

- Tap  >  > **Settings** > **Language & input** > **Language**, and select a language.

## Phone software update

### LG Mobile Phone software update via Over-the-Air (OTA)

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.

First check the software version on your mobile phone:

**Settings > About phone > System updates.**





- Your personal data from internal phone storage—including information about your Google account and any other accounts, your system/application data and settings, any downloaded applications and your DRM licence—might 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.
- This feature depends on the area or service provider.



# FAQ

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
SIM card error	There is no SIM card in the phone or it is inserted incorrectly.	Make sure the SIM card is correctly inserted.
No network connection/ Dropped 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.
	Operator applied new services.	Check whether the SIM card is more than 6~12 months old. If so, change your SIM at your network provider's nearest branch. Contact your service provider.
Codes do not match	To change a security code, 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	
No applications can be set	Not supported by service provider or registration required.	Contact your service provider.
Downloaded application causes a lot of errors.	Remove the application.	<ol style="list-style-type: none"><li>1. Tap  &gt;  &gt; <b>Settings</b>.</li><li>2. Tap the <b>Apps</b>.</li><li>3. Tap the app <b>UNINSTALL</b>.</li></ol>

<b>Message</b>	<b>Possible causes</b>	<b>Possible corrective measures</b>
Calls not available	Dialling error	New network not authorised.
	New SIM card inserted.	Check for new restrictions.
	Pre-paid charge limit reached.	Contact service provider or reset limit with PIN2.
Phone cannot be turned on	On/Off key pressed too briefly.	Press the On/Off key for at least two seconds.
	Battery is not charged.	Charge battery. Check the charging indicator on the display.
Charging error	Battery is not charged.	Charge battery.
	Outside temperature is too hot or cold.	Make sure phone is charging at a normal temperature.
	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.
Impossible to receive/ send SMS & photos	Memory full	Delete some data, such as applications or messages from your phone to make more memory available.

<b>Message</b>	<b>Possible causes</b>	<b>Possible corrective measures</b>
Files do not open	Unsupported file format	Check the supported file formats.
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 Do not disturb mode.

# Anti-Theft Guide

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.



- 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.

# More information

## 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>.

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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](mailto:opensource@lge.com). This offer is valid for three (3) years from the date on which you purchased the product.

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