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USER GUIDE

LG-X150

MFL00000000 (1.0)

www.lg.com

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User Guide

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

Important Information

This user's guide contains important information about the use and operation of this phone. Read all information carefully for optimal performance and to avoid any damage or misuse of the phone. Any changes or modifications not expressly approved in this user's guide could void your warranty for this equipment.

Before you begin

Safety Guidelines

⚠ **WARNING!** 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.

Information about the RF exposure from FCC

⚠ **WARNING!** Read this information before operating the phone.

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

The highest SAR value for this phone FCC tested for use in the ear is 0.63 W/kg, and when worn on the body is 0.94 W/kg.

The design of this phone complies with FCC guidelines and these international standards.

Caution

Use only the supplied antenna. Use of unauthorized antennas, or modifications, could impair call quality, damage the phone, void your warranty, or result in a violation of FCC regulations.

Do not use the phone with a damaged antenna.

A damaged antenna in contact with the skin could cause a singe. Contact your local dealer for an antenna replacement.

Body effects

This device was tested for typical body operation, keeping a distance of 1 cm (0.39 inch) between the user's body and the back of the phone. To comply with RF exposure requirements of the FCC standards, a minimum distance of 1 cm (0.39 inch) between the user's body and the 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 cm (0.39 inch) between the user's body and the 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.

External antenna mounted on the vehicle (optional, if available)

It must keep a minimum distance of 20 cm (8 inches) between the user / bystander and the vehicle mounted external antenna, in order to satisfy FCC's RF exposure requirements.
For more information about RF exposure, visit the FCC Website at www.fcc.gov

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-1725-200x. 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 Regulations:

This mobile phone 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.

This mobile phone 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 radiated 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.

FCC Note:

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user‘s authority to operate the equipment.

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).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

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 phone at least fifteen centimeters (six inches) from their pacemaker, whenever the phone 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 use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight singe. Contact an LG Authorized Service Facility to replace the damaged antenna.
- 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.

Ambient temperatures

Use your phone in temperatures between 0ºC and 40ºC, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

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

To uninstall applications:

1 Tap > > **Settings** > **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 don't have 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 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 have downloaded may reduce battery power.
- While using downloaded applications, check the battery charge level.

To check the battery power level:

- Tap > > **Settings** > **Battery.**

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

To monitor and control how battery power is being used:

- Tap [⌂] > [⋮⋮⋮] > **Settings** > **Battery**.

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

3. Before installing an open source application and OS

⚠ **WARNING**

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

⚠ **WARNING**

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

4. Using an unlock pattern

Set an unlock pattern to secure your phone. Tap [⌂] > [⋮⋮⋮] > **Settings** > **Security** > **Screen lock** > **Pattern**.
This opens a screen that will guide you through how to draw a screen unlock pattern. You have to create a Backup PIN as a safety measure in case you forget your unlock pattern.

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

Important notice

⚠ WARNING

Precautions to take when using pattern lock.

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

< If you have forgotten your PIN or Password >

If you forget your PIN or Password, you will need to perform a hard reset.

Caution: If you perform a hard reset, all user applications and user data will be deleted.

NOTE: If you have not logged into your Google Account and have forgotten your Unlock Pattern, you will need to enter your Backup PIN.

5. Using the Hard Reset (Factory Reset)

If your phone does not restore to its original condition, use a Hard Reset (Factory Reset) to initialize it.

1. Turn the power off.
2. Press and hold the **Power/Lock Key + Volume Down Key** on the phone.
3. Release the **Power/Lock Key** only when the LG logo is displayed, then immediately press and hold the **Power/Lock Key** again.
4. Release all keys when the Factory data reset screen is displayed.
5. Press the **Volume Key** to scroll to the desired option, then press the **Power/Lock Key** to confirm.

⚠ WARNING

If you perform a Hard Reset, all user applications, user data and DRM licenses will be deleted. Please remember to backup any important data before performing a Hard Reset.

6. Opening and switching applications

Multi-tasking 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 one. Use and switch between several open applications. Android manages each application, stopping and starting them as needed to ensure that idle applications don't consume resources unnecessarily.

1 Touch and hold the **Recent Key** . A list of recently used applications will be displayed.
2 Tap the application you want to access. This does not stop the previous app running in the background on the phone. Make sure to tap **Back Key** to exit an app after using it.

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

1 Tap > > **Settings** > **Storage** to check out the storage media.
2 Connect the phone to your PC using the USB cable.
3 Tap > **USB computer connection** will appear on your phone screen, select the **Media device (MTP)** option.
4 Open the memory folder on your PC. You can view the mass storage content on your PC and transfer the files from PC to Device memory folder or vice versa.

8. Hold your phone upright

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

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

Getting to know your phone

Phone overview

Earpiece

Proximity Sensor

Volume keys

Home Key

Return to the Home screen from any screen.

Back Key

- Return to the previous screen.
- Exit an app after using it.

Recent Key

Display recently used applications.

Power/Lock Key

- Switch your phone on/off by pressing and holding this key.
- Short press to lock/unlock the screen.

Front-Facing Camera lens

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 LCD and touch screen functions. Do not cover the LCD proximity sensor with protective film. This could cause the sensor to malfunction.

Volume keys

- In the Home screen: Control ringer volume.
- During a call: Control your earpiece volume.
- When playing a song: Control volume continuously.

Power/Lock Key

Earphone Jack

Microphone

Charger/USB Port

SIM card slot

Flash

Camera lens

Speaker

microSD Card slot

Battery cover

Battery

Installing the SIM card and battery

Before you can start exploring your new phone, you'll need to set it up. To insert the SIM card and battery.

1 To remove the battery cover, hold the phone firmly in one hand. With your other hand, lift off the battery cover with your Thumb nail as shown in figure.

2 Slide the SIM card into its slots as shown in the figure. Make sure the gold contact area on the card is facing downwards.

3 Insert the battery into place by aligning the gold contacts on the phone and the battery (1) and pressing it down until it clicks into place (2).

4 Align the battery cover over the battery compartment (1) and press it down until it clicks into place (2).

Charging your phone

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

WARNING

Use only LG-approved chargers, batteries, and cables. When using unapproved chargers or cables, it may cause battery charging delay or pop-up message regarding slow charging. Or, unapproved chargers or cables 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 an electrical outlet.

NOTE:

- The battery must be fully charged initially to improve battery lifetime.
- Do not open the back cover while your phone is charging.

Using the memory card

Your phone supports the use of microSD™ or microSDHC™ memory cards of up to 32 GB capacity. These memory cards are specifically designed for mobile phones and other ultra-small devices, and are ideal for storing media-rich files such as music, programs, videos, and photographs for use with your phone.

To insert a memory card:

Insert the memory card into the slot. Make sure the gold contact area is facing downwards.

To safely remove the memory card:

Touch > **Settings** > **Storage** > **Unmount SD card** > **OK**.

NOTE:
- Use only compatible memory cards with your phone. Using incompatible memory cards may damage the card and data stored on the card, as well as the phone.
- As the device uses FAT32, the maximum size for any given file is 4 GB.

WARNING
Do not insert or remove the memory card when the phone is ON. Doing so may damage the memory card as well as your phone, and the data stored on the memory card may become corrupt.

To format the memory card:
Your memory card may already be formatted. If it isn't, you must format it before you can use it.

NOTE: All files on your memory card are deleted when it is formatted.

1 Touch to open the application list.
2 Scroll and touch **Settings** > **Storage**.
3 Touch **Erase SD card** > **Erase SD card** > **Erase everything**.
If you have set a pattern lock, input the pattern lock then select **Erase everything**.

NOTE: If there is content on your memory card, the folder structure may be different after formatting, as all the files will have been deleted.

Locking and unlocking the screen

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

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

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

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

Your Home screen

Touch screen tips

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

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. For example, to open a contact's available options, touch and hold the contact in the Contacts list until the context menu opens.

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

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

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

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.

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

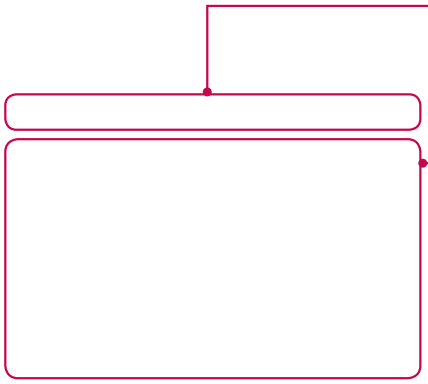
NOTE:

- To select an item, tap the center of the icon.
- 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, and it allows you to add items like application shortcuts, or Google widgets to give you instant access to information and applications. This is the default canvas and accessible from any menu by tapping ⌂.

Your Home screen

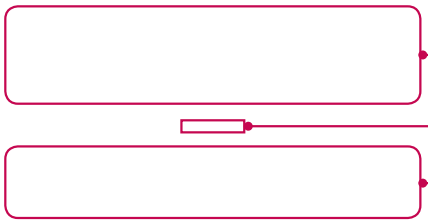


Status Bar

Shows phone's status information including the time, signal strength, battery status, and notification icons.

Widget

Widgets are self-contained applications that can be accessed through the Apps screen or on the Home screen or an extended home screen. Unlike a shortcut, the Widget appears as an on-screen application.



Application Icons

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

Location Indicator

Indicates which Home screen canvas you are viewing.

Quick Key Area

Provides one-touch access to the function in any home screen canvas.

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.

Customizing the Home screen

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

To add 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 wish to add. You will then see this added item on the Home screen.

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.

To remove an item from the Home screen

▶ **Home screen** > touch and hold the icon you want to remove > drag it to .

To add 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.

To remove an app from the Quick key area

▶ Touch and hold the desired quick key and drag it to .

NOTE: **Apps** key cannot be removed.

Returning to recently-used applications

1 Touch and hold the **Recent Key** . The screen displays a pop-up containing the icons of applications you used recently.

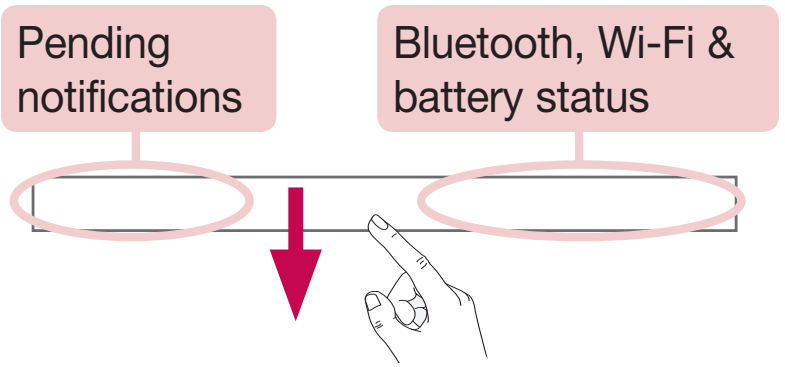
2 Tap an icon to open the application. Or tap to return to your previous screen.

Notifications panel

Notifications alert you the arrival of new messages, calendar events, and alarms, as well as to ongoing events, such as when you are on a call.

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

Notifications

The current notifications are listed, each with a brief description. Tap a notification to view it.

To close the notifications panel, touch and drag the tab toward the top of the screen.

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.

Your Home screen

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
	No SIM card inserted
	No network signal available
	Airplane mode is on
	Connected to a Wi-Fi network
	Wired headset connected
	Call in progress
	Missed call
	Bluetooth is on
	System warning
	An alarm is set
	New voicemail available
	New text or multimedia message
	A song is currently playing

Icon	Description
	Ringer is silenced
	Vibrate mode is on
	Battery fully charged
	Battery is charging
	Phone is connected to PC via USB cable
	Downloading data
	Uploading data
	GPS is on
	Data is synchronizing
	New Gmail message available
	New Hangouts message available
	Choose input method
	Mobile hotspot is active

NOTE: The icons 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 automatically on the screen when you need to enter text. To manually display the keyboard, simply tap a text field where you want to enter text.

Using the keypad & entering text

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

?123 ABC Tap to switch to the numbers and symbols keyboard.

Tap to enter a space.

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 zoom-in key grows bigger and displays characters from different languages.

Then select the special character you want.

Google account setup

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

To set up your Google account:

- Sign into a Google Account from the prompted set-up screen.

  OR

- Tap > > select a Google application, such as **Gmail** > select **New** to create a new account.

If you have a Google account, tap **Existing**, enter your email address and password, then tap .

Once you have set up your Google account on your phone, your phone automatically synchronizes with your Google account on the Web.

Your contacts, Gmail messages, Calendar events and other information from these applications and services on the Web are synchronized with your phone. (This will depend on your synchronization settings.)

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

Connecting to Networks and Devices

Wi-Fi

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

Connecting to Wi-Fi networks

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

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

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

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

1 Tap > > **Settings** > **Wi-Fi**.

2 Set **Wi-Fi** to **ON** to turn it on and start scanning for available Wi-Fi networks.

3 Tap the Wi-Fi menu again to see a list of active and in-range Wi-Fi networks.
- Secured networks are indicated by a lock icon.

4 Tap a network to connect to it.
- If the network is secured, you are prompted to enter a password or other credentials. (Ask your network administrator for details)

5 The status bar displays icons that indicate Wi-Fi status.

Bluetooth

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

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

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

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

1 Tap > > **Settings** > set **Bluetooth** to **ON**.
2 Tap the **Bluetooth** menu again. You will see the option to make your phone visible and option to search devices. Now tap **SEARCH FOR DEVICES** to view the devices in the Bluetooth Range.
3 Choose the device you want to pair with from the list.

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

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

Send data using the Bluetooth wireless feature

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

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

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

Receive data using the Bluetooth wireless feature

1 Tap > > **Settings** > set **Bluetooth** to **ON**.

2 Tap the **Bluetooth** menu again and mark the checkbox at the top of the screen to make your phone visible to other devices.

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

3 Select **Accept** to confirm that you are willing to receive data from the device.

Sharing your phone's data connection

USB tethering and portable Wi-Fi hotspot are great features when there are no wireless connections available. You can share your phone's mobile data connection with a single computer via a USB cable (USB tethering). You can also share your phone's data connection with more than one device at a time by turning your phone into a portable Wi-Fi hotspot.

When your phone is sharing its data connection, an icon appears in the status bar and as an ongoing notification in the notifications drawer.

For the latest information about tethering and portable hotspots, including supported operating systems and other details, visit http://www.android.com/tether.

To share your phone's data connection as a portable Wi-Fi hotspot

1 Tap ⌂ > ⊞ > **Settings** > **More...** > **Tethering & portable hotspot** > **Wi-Fi hotspot** switch to activate.

2 Enter a password and tap **Save**.

TIP! If your computer is running Windows 7 or a recent distribution of some flavours of Linux (such as Ubuntu), you will not usually need to prepare your computer for tethering. But, if you are running an earlier version of Windows or another operating system, you may need to prepare your computer to establish a network connection via USB. For the most current information about which operating systems support USB tethering and how to configure them, visit http://www.android.com/tether.

To rename or secure your portable hotspot

You can change the name of your phone's Wi-Fi network name (SSID) and secure its Wi-Fi network.

1 Tap ⌂ > ⊞ > **Settings** > **More...** > **Tethering & portable hotspot** > **Wi-Fi hotspot**.

2 Tap **Set up Wi-Fi hotspot**.

- The **Set up Wi-Fi hotspot** dialogue box will open.

- You can change the **Network SSID** (name) that other devices see when scanning for Wi-Fi networks.
- You can also tap the **Security** menu to configure the network with Wi-Fi Protected Access 2 (WPA2) security using a pre-shared key (PSK).
- If you touch the **WPA2 PSK** security option, a password field is added to the **Set up Wi-Fi hotspot** dialogue box. If you enter a password, you will need to enter that password when you connect to the phone's hotspot with a computer or other device. You can set **None** in the **Security** menu to remove security from your Wi-Fi network.

3 Tap **Save**.

ATTENTION! If you set the security option as Open, you cannot prevent unauthorised usage of online services by other people and additional charges may be incurred. To avoid unauthorized usage, you are advised to keep the security option active.

Wi-Fi Direct

Wi-Fi Direct supports a direct connection between Wi-Fi enabled devices without an access point. Due to the high battery usage of Wi-Fi direct, it is recommended that you plug your phone into a power outlet while using the Wi-Fi Direct feature. Check your Wi-Fi & Wi-Fi Directed network in advance and make sure the users are connected to the same network.

PC connections with a USB cable

Learn to connect your device to a PC with a USB cable in USB connection modes.

Transferring music, photos and videos using the USB mass storage mode

1 Connect your phone to a PC using a USB cable.

2 If you haven't installed the LG Android Platform Driver on your PC, you will need to manually change the settings.Touch > **Settings** > **Storage** > Choose > **USB computer connection**, then select **Media device (MTP)**.

3 You can now view the mass storage content on your PC and transfer the files.

Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1 Use the USB cable to connect the phone to a PC on which Windows Media Player has been installed.

2 Select the **Media device (MTP)** option. When connected, a pop-up window will appear on the PC.

3 Open Windows Media Player to synchronize music files.
4 Edit or enter your device's name in the pop-up window (if necessary).
5 Select and drag the music files you want to the sync list.
6 Start synchronization.

- The following requirements must be satisfied to synchronize with Windows Media Player.

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

Calls

Making a call

1 Tap > to open the keypad.
2 Enter the number using the keypad. To delete a digit, tap the .
3 Tap to make a call.
4 To end a call, tap the **End** icon .

TIP! To enter "+" to make international calls, touch and hold 0+.

Calling your contacts

1 Tap to open your contacts.
2 Scroll through the contact list or enter the first few letters of the contact you want to call by tapping .
3 Select the contact you want to call, tap on the Number.

Answering and rejecting a call

When you receive a call in Lock state, swipe the to right direction to Answer the incoming call. Swipe the to left direction to Decline an incoming call.
Swipe the Decline with message icon in any direction if you want to send a message.

Adjusting the in-call volume

To adjust the in-call volume during a call, use the Volume up and down keys on the left side of the phone.

Making a second call

1 During your first call, tap and dial the number. You can also go to the recently dialled numbers list by tapping or can search contacts by tapping and selecting the contact you want to call.
2 Tap to make a call.

3 Both calls are displayed on the call screen. Your initial call is locked and put on hold.
4 Tap the displayed number to toggle between calls. Or tap **Merge calls** to start a conference call.
5 To end active calls, tap **End call** icon or tap and slide the notification bar down and select the **End call** icon .

NOTE: You are charged for each call you make.

Viewing your call logs

On the Home screen, tap and choose the **History** tab .
View a complete list of all dialled, received and missed calls.

TIP!
- Tap any call log entry to view the date, time and duration of the call.
- Tap , then tap **Delete** to delete all 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 .
2 Tap .
3 Tap **Settings** and choose the options that you wish to adjust.

People

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 to open your contacts.
2 Tap **Find contacts** and enter the contact name using the keyboard.

Adding a new contact

1 Tap , enter the new contact's number, then tap . Tap **Add to contacts**, then tap **CREATE NEW CONTACT**.
2 If you want to add a picture to the new contact, tap the image area. Choose from **Take photo**, **Choose photo from Gallery**.
3 Tap a category of contact information and enter the details about your contact.
4 Tap **DONE**.

Favorites contacts

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 to the right corner of the contact's name. The star will turn grey color.

Removing a contact from your favourites list

1 Tap to open your contacts.
2 Tap the tab, and choose a contact to view its details.
3 Tap the grey color star to the right corner of the contact's name. The star turns white color and the contact is removed from your favourites.

Creating a group

1 Tap to open your contacts.
2 Tap and tap .
3 Enter a name for the new group.
4 Tap **DONE** to save the group.

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

Messaging

Your phone combines SMS and MMS into one intuitive, easy-to-use menu.

WARNING: LG message should be set up to default SMS app. If not, some message functions will be limited.

Sending a message

1 Tap on the Home screen and tap to open a blank message.

2 Enter a contact name or contact number in the **Type name or number** field. As you enter the contact name, matching contacts will appear. You can tap a suggested recipient. You can add more than one contact.

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

3 Tap the **Type text message** field and begin composing your message.

4 Tap to open the Options menu. Choose from **Insert quick text, insert contact, Add subject** and **Discard.**

TIP! You can tap the icon to attach the file, that you want to share with message.

5 Tap to send your message.

6 Responses will appear on the screen. As you view and send additional messages, a message thread is created.

WARNING:

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

Threaded box

Messages (SMS, MMS) exchanged with another party can be displayed in chronological order so that you can conveniently see an overview of your conversation.

Changing your message settings

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

- Tap the **Messaging** icon on the Home screen, tap ⋮ and then tap **Settings**.

Email

You can use the Email application to read emails from services like Gmail. The Email application supports the following account types: POP3, IMAP and Exchange.

Your service provider or system administrator can provide you with the account settings you need.

Managing an email account

The first time you open the **Email** application, a set-up wizard opens to help you to set up an email account. After the initial set-up, Email displays the contents of your inbox.

To add another email account:

- Tap > > **Email** >tap > **Settings > ADD ACCOUNT**.

To change an email account's settings:

- Tap > > **Email** > tap > **Settings** > **General settings**.

Working with account folders

Tap > > **Email** > tap and select **Folders**.

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

Composing and sending email

To compose and send a message

1. While in the **Email** application, tap the > **Compose**.
2. Enter an address for the message's intended recipient. As you enter text, matching addresses will be proposed from your Contacts. Separate multiple addresses using semicolons.
3. Tap the to add a Cc/Bcc and tap **Attach file** to attach files, if required.
4. Enter the text of the message.
5. Tap .

TIP! When a new email arrives in your Inbox, you will be notified by a sound or vibration.

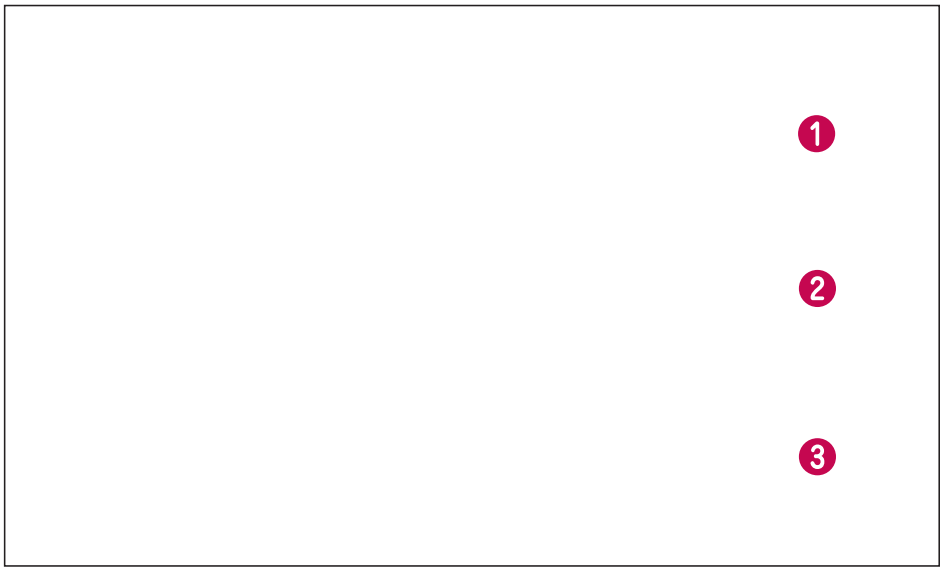
Camera

To open Camera:

From the lock screen, swipe from right to left.

From the Home screen, touch the Camera icon .

Getting to know the viewfinder



1. **Setting icon:** Tap this icon to change camera/video settings such as flash, exposure and so on.
2. **Capture button**
3. **Mode icon:** Tap this icon switch to the desired mode; Camera, Video and Panorama mode.

NOTE: Please ensure the camera lens is clean before taking pictures.

Using the advanced settings

To change camera settings such as flash, exposure and so on, touch the circle to the next to the Capture button.

HDR : HDR+ automatically snaps a rapid burst of photos and combines them to give you the best possible single shot. Daytime shots are vivid with clean shadows and night time shots are sharp with less noise.

EXPOSURE: Defines and controls the amount of sunlight entering the photo.

MORE OPTIONS: Tap to select the advanced options like LOCATION, COUNTDOWN TIMER, PICTURE SIZE, WHITE BALANCE and SCENE MODE.

FLASH MODE: Tap to select the flash mode.

Swap camera: Switch between the rear–facing camera lens and the front–facing camera lens.

TIP!

- When you exit the camera, some settings return to their defaults, such as white balance, color effect, timer and shot mode. Check these before you take your next photo.

Taking a quick photo

1 Open the **Camera** application and point the lens toward the subject your want to photograph.

2 Tap to capture the photo.

Once you've taken a photo

To see the image you just took, swipe from right to left. Keep swiping to see other images in your Gallery

	Tap to send your photo to others or share it via social network services.
	Tap to send an image via MMS.
	Tap to open all advanced options.

TIP! If you have an SNS account set up on your phone, you can share your photo with your SNS community.

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

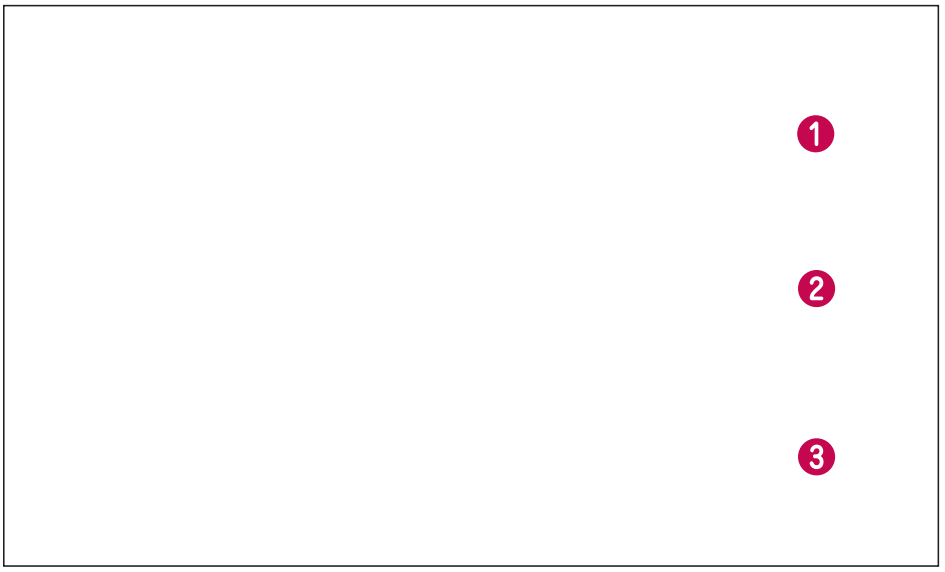
From your Gallery

Tap **Gallery**.

- To view more photos, scroll left or right.
- To zoom in or out, double-tap the screen or place two fingers and spread them apart (move your fingers closer together to zoom out).

Video camera

Getting to know the viewfinder



1. **Setting icon:** Tap this icon to change camera/video settings such as flash, exposure and so on.
2. **Record button**
3. **Mode icon:** Tap this icon switch to the desired mode; Camera, Video and Panorama mode.

TIP!
When recording a video, place two fingers on the screen and pinch to use the Zoom function.

Using the advanced settings

To change video settings such as flash, White balance and so on, touch the circle to the next to the Record button.

WHITE BALANCE : Improves color quality in various lighting conditions.

MORE OPTIONS : Tap to select the advanced options like Time Lapse or Store location.

Swap camera : Switch between the rear-facing camera lens and the front-facing camera lens.

FLASH MODE : Tap to select the flash mode.

Recording a quick video

1 Open the **Camera** application and choose the **Video mode** button.
2 The video camera viewfinder appears on the screen.
3 Holding the phone, point the lens towards the subject you wish to capture in your video.
4 Tap once to start recording.
5 A red light will appear at the top left corner of the viewfinder with a timer showing the length of the video.
6 Tap on the screen to stop recording.

After recording a video

To see the video you just took, swipe from right to left.
Keep swiping to see other video images in your Gallery

	Tap to send your video to others or share it via social network services.
	Tap to send the video via MMS.
	Tap to open all advanced options.

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

From your Gallery

Tap **Gallery**. Tap on video play icon to play the video.

Function

Guest mode

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

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

1 Tap > > **Settings** > **Guest mode**.
2 Tap the Guest Mode switch OFF to enable this mode.

KNOCKON

You can turn on/off the screen by just double-tap.

To activate KnockON feature

1 Tap > > **Settings** > **Display** > **KNOCKON**.
2 Place a checkmark on **KNOCKON**.

Double-tap the center screen quickly to unlock the screen. To lock the screen, double-tap the status bar in any screen (except on the camera viewfinder) or empty area on the Home screen.

NOTE: When turning the screen on, make sure you do not cover the proximity sensor. Doing so will turn the screen off immediately after turning it on in order to prevent abnormal turning on in your pocket or bag.

Multimedia

Gallery

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

1 Tap > > **Gallery**.
You can manage and share all your image and video files with Gallery.

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

View photos in Gallery

To view your photos, open the Gallery app.

- By default, your photos are automatically organized into Albums. You can also view photos by Location, Time, People, or Tags. Touch Albums at the top of the screen to see these options.
- Once you touch a group of photos, you'll see photos in the Grid view. Touch the Album title at the top of the screen to switch between Grid view and Filmstrip view.
- To see other options, touch **Menu** .

Zooming in and out

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

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

Playing videos

Video files show the icon in the preview. Select a video to watch it and tap . The Videos application will launch.

Editing photos

When viewing an photo, tap > **Edit.**

Deleting photos/videos

Use one of the following methods:

- In a folder, touch and hold an image, once image is highlighted then select photos/videos which you wanted to delete, and then tap > **Delete**.

- When viewing a photo, tap ⋮ > **Delete**.

Setting as wallpaper

When viewing a photo, tap ⋮ > **Set picture as** to set the image as wallpaper or assign to a contact.

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

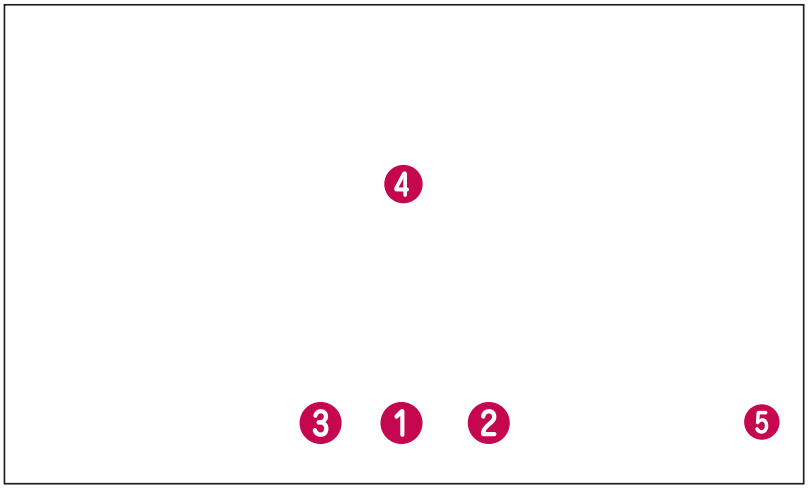
Videos

Your phone has a built-in video player that lets you play all of your favorite videos. To access the video player, touch > **Gallery**.

Playing a video

1 Touch > **Gallery**.

2 Select the video you want to play.



1 ❚❚ / ▶	Touch to pause/resume video playback.
2 ▶▶	Touch to go 5 seconds forward.

3	Touch to go 15 seconds backward.
4	Touch to start from beginning of the video.
5	Touch to change the ratio of the video screen.

To change the volume while watching a video, press the up and down volume keys on the left-hand side of the phone.

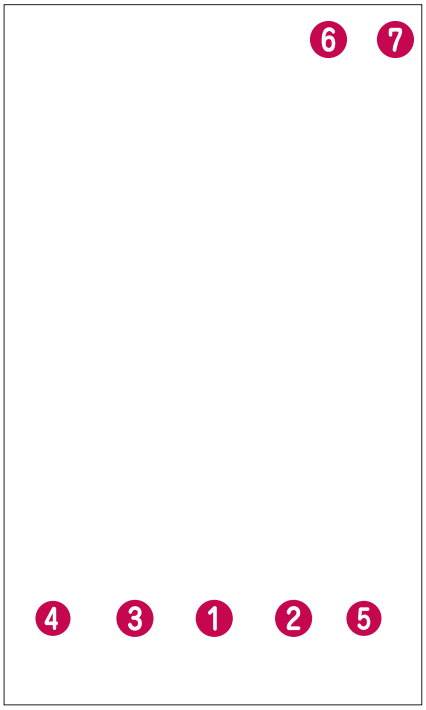
Music

Your phone has a built-in music player that lets you play all your favorite tracks. To access the music player, tap > > **Play Music**.

Playing a song

1 Tap > > **Play Music**.

2 Select the song you want to play.



1	⏸/▶	Tap to pause/ resume playback.
2	⏭	Tap to skip to the next track in the album, playlist, or shuffle.
3	⏮	Tap to restart the current track or skip to the previous track in the album, playlist, or shuffle.
4	🔁	Tap to toggle through the repeat modes to repeat all songs, repeat current song, or repeat off.
5	🔀	Tap to play the current playlist in shuffle mode (tracks are played in random order).
6		Tap to open the current playlist.
7	⋮	Tap to open all advanced options.

Add music files to your phone

Start by transferring music files to your phone:

- Transfer music using Media sync (MTP).
- Download from the wireless Web.
- Synchronize your phone to a computer.
- Receive files via Bluetooth.

Transfer music using Media sync (MTP)

1 Connect the phone to your PC using the USB cable.

2 Select the **Media sync (MTP)** option. Your phone will appear as another hard drive on your computer. Click on the drive to view it. Copy the files from your PC to the drive folder.

NOTE:

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

FM Radio

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

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

Utilities

Setting your alarm

1 Tap > > **Clock** > > .
2 Tap **Done**.
3 After you set the alarm, your phone lets you know how much time is left before the alarm will go off.
4 Set the **Repeat**, **Alarm sound**, and **Vibration** options.

NOTE: To change alarm settings in the alarm list screen, tap the and select **Settings**.

Using your calculator

1 Tap > > **Calculator**.
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, touch and select the **Advanced panel,** then choose sin, cos, tan, log etc.
5 To clear the history, touch and select the **Clear history**.

Adding an event to your calendar

1 Tap > > **Calendar**.
2 On the screen, you can find the different view types for the Calendar (Day, Week, Month, Agenda).
3 Tap on the date for which you wish to add an event and tap .
4 Tap **Event name** and enter the event name.
5 Tap **Location** and enter the location. Check the date and enter the time you wish your event to start and finish.
6 If you wish to repeat the alarm, set **REPETITION** and set **REMINDERS**, if necessary.
7 Tap **DONE** to save the event in the calendar.

Sound Recorder

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

Recording a sound or voice

1 Tap > > **Sound Recorder**.
2 Tap to begin recording.
3 Tap to end the recording.
4 Tap to listen to the recording.

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

Google+

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

- Tap > > **Google+.**

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

Voice Search

Use this application to search webpages using voice.

1 Tap > > **Voice Search**.
2 Say a keyword or phrase when **Speak now** appears on the screen. Select one of the suggested keywords that appear.

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

Downloads

Use this application to see what files have been downloaded through the applications.

- Tap > > **Downloads**.

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

The Web

Browser

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 wherever you are and whatever you enjoy.

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

1 Tap > > **Browser**.

Using the Web toolbar

Tap slide it upwards with your finger to open.

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

Viewing webpages

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

Opening a page

To go to new page, tap > .

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

Bookmarks

To bookmark the current webpage, tap > **Save to bookmarks** > **OK**.

To open a bookmarked webpage, tap and select one.

The Web

Chrome

Use Chrome to search for information and browse webpages.

1 Tap > > **Chrome**.

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

Viewing webpages

Tap the Address field, and then enter a web address or search criteria.

Opening a page

To go to a new page, tap > **New tab**.

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

Syncing with other devices

Sync open tabs and bookmarks to use with Chrome on another device when you are logged in with the same Google account.

To view open tabs on other devices, tap > **Other devices**.

Select a webpage to open.

To add bookmarks, tap the **Menu Key** > > **Save**.

Settings

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

To access the Settings menu:

Tap > > **SETTINGS**.

- or -

Tap > > **Settings**.

WRELESS & NETWORKS

< Wi-Fi >

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

TIP! How to obtain the MAC address

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

You can find the MAC address in the following user interface: tap > > **Settings** > **Wi-Fi** > > **Advanced** > **MAC address**.

< Bluetooth >

Turn the Bluetooth wireless feature on or off to use Bluetooth.

< Data usage >

Displays the data usage and set mobile data usage limit.

< More… >

Airplane mode – After switching to Airplane mode, all wireless connections are disabled.

Tethering & portable hotspot

Wi-Fi hotspot – You can also use your phone to provide a mobile broadband connection. Create a hotspot and share your connection. Please read **"Sharing your phone's data connection"** for more information.

USB tethering – Connect the USB cable to share the internet connection with the computer.

Bluetooth tethering – Allows you to set your phone whether you are sharing the Internet connection or not.

Hotspot & tethering settings – Select the correct protocol to share the internet connection with the computer.

NOTE: You must set a lock screen PIN or password before you can use credential storage.

Default SMS app – Allows you to set the default SMS app.

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

Mobile networks – Set options for data roaming, network mode & operators, access point names (APNs) etc.

USB Internet – Sharing Windows PC internet via USB cable.

Sound

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

Phone ringtone – Set the ringtone for calls.

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

Default notification sound – Set the notification sound.

Dial pad touch tones – Checkmark to play tones while using dial pad.

Touch sounds – Checkmark to play sound when making screen selection.

Screen lock sound – Checkmark to play sound when locking and unlocking the screen.

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

Display

Lock screen notifications – Checkmark to show notifications on lock screen.

Wallpaper – Sets your Lock screen wallpaper. Select it from **Gallery, Live Wallpapers, Photos** or **Wallpapers**.

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).

KNOCK ON – Double-tap the center of the screen quickly to turn screen on and off.

Sleep – Sets the amount of time before the screen times out

Daydream – Tap the Daydream switch to toggle it On or Off. On allows the set screensaver to be displayed

when the phone is sleeping while docked and/or charging. Choose from **Clock**, **Colors**, **Google Photos**.

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

< Storage >

Phone storage – View the internal storage usage.

SD card – Check total available SD card space. Touch Unmount SD card for safe removal. Erase SD card if you want to delete all data from the SD card.

< Battery >

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

< Apps >

View and manage your applications.

< Location >

Turn on location service, your phone determines your approximate location using GPS, Wi-Fi and mobile networks.

Mode – Set the location mode from **High accuracy**, **Battery saving** and **Device only**.

< Security >

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. Set None, Slide, Face Unlock, Pattern, PIN or Password.

Enable widgets – Checkmark to show the wigets on Lock screen.

Lost phhone contact – Select whether to display the owner information on the lock screen and customize the owner information.

Automatically lock – Choose the amount of time before the screen automatically locks after the screen has timed-out.

Power button instantly locks – Allows you to instantly lock the screen when you press the **Power/Lock key**.

Encrypt phone – Allows you to encrypt data on the phone for security. You will be required to enter a PIN or password to decrypt your phone each time you power it on.

Set up SIM card lock – Set up SIM card lock or change the SIM card PIN.

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

Device administrators – View or deactivate phone administrators.

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

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

Storage type - Display the storage type.

Trusted credentials – Display trusted CA certificates.

Install from phone storage – Choose to install encrypted certificates.

Clear credentials – Remove all certificates.

< Guest mode >

To protect your privacy or limit some applications to your children, you can use the Guest mode.

When you lend your phone to others, you can limit the applications to be displayed.
In advance, set the Guest mode and customize the options.

< Language & input >

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've added to its dictionary.

< Backup & reset >

Change the settings for managing your settings and data.

Back up my data – Set to backup your settings and application data to the Google server.

Backup account – Set to backup your account.

Automatic restore – Set to restore your settings and application data when the applications are reinstalled on your device.

DRM reset – Backs up all information on the device and restores it in the event of data loss or replacement.

Factory data reset – Reset your settings to the factory default values and delete all your data. If you reset the phone this way, you are prompted to re-enter the same information as when you first started Android.

< Date & time >

Use **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.

< Scheduled power on & off >

Enables your phone to turn on or off automatically on the day and time which you schedule.

< Accessibility >

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

NOTE: Requires additional plug-ins to become selectable.

TalkBack

Allows you to set up the TalkBack function which assists people with impaired vision by providing verbal feedback.

Captions – Allows the customizing of caption settings for those with hearing impairments.

Magnification gestures – When this feature is turend on, you can zoom in and out by triple-tapping the screen.

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

Power button ends call – Checkmark so that you can end voice calls by pressing the **Power/Lock key**. When this option is enabled, pressing the Power/Lock key during a call does not lock the screen.

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

Speak passwords – Checkmark to allow voice confirmations of characters when entering passwords.

Accessibility shortcut – Allows you to quickly enable accessibility features.

Text-to-speech output – Sets the preferred speech engine and speech rate.

Touch feedback time – Allows you to set the touch and hold delay (Short, Medium, or Long).

< 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.

< About phone >

View legal information and check your phone status and software version.

Connect to a Computer via USB

You can use a USB cable to connect your phone to a PC or Laptop and transfer music, pictures, and other files in both directions.

Transfer user contents via a computer using a USB cable.

Related settings

Settings > **Device** > **Storage** > **Menu** > **USB computer connection**

1 Connect your phone to a computer using a USB cable. Then open the Android phone's Notifications Panel.

2 Tap the USB computer connection bar , then (depending on the connected device and transferred files) tap **USB storage, Media device(MTP)** or **Camera (PTP)**.

3 On the computer, open **My computer** (or **Windows Explorer**), click the removable drive associated with your phone, then transfer all of the files you want to the computer and vice versa.

4 On the computer, safely stop/remove the USB Phone. For example, for Windows® XP, use the Safely Remove Hardware option.

5 On your phone, open the Notifications Panel, tap Tap the USB computer connection bar (> **Charge phone** (or **Turn off USB storage**) then disconnect the the phone from the computer.

Phone software update

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 data 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** > **About phone** > **System updates** > **Check now**.

NOTE: 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.

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

About this user guide

- Before using your device, please carefully read this manual. This will ensure 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 may be subject to change without prior notice. For the latest version of this manual, please visit the LG website at www.lg.com.
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- LG cannot be held liable for performance or incompatibility issues resulting from registry settings being edited or operating system software being modified. Any attempt to customize your operating system may cause the device or its applications to not work as they should.
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- Additional charges may be applied for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select a data plan that is suitable for your needs. Contact your service provider to obtain additional details.

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All referred licence terms, disclaimers and notices are available for download with the source code.

Accessories

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

Travel adaptor

Stereo headset

Quick Start Guide

Data cable

Battery

NOTE:

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

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
SIM card error	There is no SIM card in the phone or it is inserted incorrectly.	Make sure that 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 card at your network provider's nearest branch. Contact your service provider.
Codes do not match	To change a security code, you will need to confirm the new code by re-entering it.	If you forget the code, contact your service provider.
	The two codes you have entered do not match.	
No applications can be set	Not supported by service provider or registration required.	Contact your service provider.

Message	Possible causes	Possible corrective measures
Calls not available	Dialling error	New network not authorized.
	New SIM card inserted.	Check for new restrictions.
	Pre-paid charge limit reached.	Contact service provider or reset limit with PIN2.
Phone cannot be switched 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 socket.
	Charger defective	Replace the charger.
	Wrong charger	Use only original LG accessories.

Troubleshooting

Message	Possible causes	Possible corrective measures
Number not allowed	The Fixed dialling number function is on.	Check the Settings menu and turn the function off.
Impossible to receive / send SMS & photos	Memory full	Delete some messages from your phone.
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 silent mode.
Hangs up or freezes	Intermittent software problem	Try to perform a software update via the website.

FAQ

Category Sub-Category	Question	Answer
BT Bluetooth Devices	What are the functions available via Bluetooth	You can connect a Bluetooth audio device such as a Stereo/Mono headset or Car Kit. Also, when the FTP server is connected to a compatible device, you can share content stored on the storage media.
Data Contacts Backup	How can I backup Contacts?	The Contacts data can be synchronized between your phone and Gmail™.
Data Synchronization	Is it possible to set up one-way sync with Gmail?	Only two-way synchronization is available.
Data Synchronization	Is it possible to synchronize all email folders?	The Inbox is automatically synchronized. You can view other folders by tapping the ≡ and select **Folders** to choose a folder.
Google™ Service Gmail Log-In	Do I have to log into Gmail whenever I want to access Gmail?	Once you have logged into Gmail, no need to log into Gmail again.
Google™ Service Google Account	Is it possible to filter emails?	No, email filtering is not supported via the phone.
Phone Function Email	What happens when I execute another application while writing an email?	Your email will automatically be saved as a draft.

FAQ

Category Sub-Category	Question	Answer
Phone Function Ringtone	Is there a file size limitation for when I want to use MP3 file as ring tone?	There is no file size limitation.
Phone Function Message Time	My phone does not display the time of receipt for messages older than 24 hrs. How can I change this?	You will only be able to see the times for messages received the same day.
Phone Function Navigation	Is it possible to install another navigation application on my phone?	Any application that is available at Play Store™ and is compatible with the hardware can be installed and used.
Phone Function Synchronisation	Is it possible to synchronize my contacts from all my email accounts?	Only Gmail and MS Exchange server (company email server) contacts can be synchronized.
Phone Function Wait and Pause	Is it possible to save a contact with Wait and Pause in the numbers?	If you transferred a contact with the W & P functions saved into the number, you will not be able to use those features. You will need to re-save each number. How to save with Wait and Pause: 1. From the Home screen, tap the **Phone** icon . 2. Dial the number, then tap the . 3. Tap **Add 2-sec pause** or **Add wait**.
Phone Function Security	What are the phone's security functions?	You are able to set the phone to require that an Unlock Pattern be entered before the phone can be accessed or used.

Category Sub-Category	Question	Answer
Phone Function Unlock Pattern	How do I create the Unlock Pattern?	1. From the Home screen, tap the [≡]. 2. Tap **SETTINGS** > **Security** > **Screen lock**. 3. Tap **Screen lock** > **Pattern**. The first time you do this, a short tutorial about creating an Unlock Pattern will appear. 4. Set up by drawing your pattern once, and once again for confirmation. **Precautions to take when using the pattern lock.** It is very important to remember the unlock pattern you set. You will not be able to access your phone if you use an incorrect pattern five times. You have five chances to enter your unlock pattern, PIN or password. If you have used all 5 opportunities, you can try again after 30 seconds. (Or, if you preset the backup PIN, you can use the backup PIN code to unlock the pattern.)

Category Sub-Category	Question	Answer
Phone Function Unlock Pattern	What should I do if I forget the unlock pattern and I didn't create my Google account on the phone?	**If you have forgotten your pattern:** If you logged into your Google account on the phone but failed to enter the correct pattern 5 times, tap the forgot pattern button. You are then required to log in with your Google account to unlock your phone. If you have not created a Google account on the phone or you have forgotten it, you will have to perform a hard reset. **Caution: If you perform a factory reset, all user applications and user data will be deleted. Please remember to backup any important data before performing a factory reset.**
Phone Function Memory	Will I know when my memory is full?	Yes, you will receive a notification.
Phone Function VPN	How do I set up a VPN?	VPN access configuration is different for each company. To configure VPN access from your phone, you must obtain the details from your company's network administrator.
Phone Function Screen time out	My screen turns off after only 15 seconds. How can I change the amount of time for the backlight to turn off?	1. From the Home screen, tap the ☰. 2. Tap **SETTINGS**. 3. Tap **Display** > **Sleep**. 4. Tap the preferred screen backlight timeout time.

Category Sub-Category	Question	Answer
Phone Function Wi-Fi & mobile network	When Wi-Fi and mobile network are both available, which service will my phone use?	When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connectivity on your phone is set to On). However, there will be no notification when your phone switches from one to the other. To know which data connection is being used, view the mobile network or Wi-Fi icon at the top of your screen.
Phone Function Home screen	Is it possible to remove an application from the Home screen?	Yes. Just touch and hold the icon until the **Remove** icon appears at the top of the screen. Then, without lifting your finger, drag the icon to the **Remove** icon.
Phone Function Application	I downloaded an application and it causes a lot of errors. How do I remove it?	1. From the Home screen, tap the ☰. 2. Tap **SETTINGS** > **Apps** > **Downloaded**. 3. Tap the application, then tap **Uninstall**.
Phone Function Charger	Is it possible to charge my phone using a USB data cable without installing the necessary USB driver?	Yes, the phone will be charged by the USB cable regardless of whether the necessary drivers are installed or not.
Phone Function Alarm	Will my alarm be audible if the phone is turned off?	No, this is not supported.
Phone Function Alarm	If my ringer volume is set to Off or Vibrate, will I hear my alarm?	Your alarm is programmed to be audible even in these scenarios.
Recovery Solution Hard Reset (Factory Reset)	How can I perform a factory reset if I can't access the phone's setting menu?	If your phone does not restore to its original condition, use a hard reset (factory reset) to initialize it.

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