



**LG**

Life's Good

ENGLISH

User Guide

**LG-E425j**

MFL00000000 (1.0)

[www.lg.com](http://www.lg.com)





ENGLISH

# User Guide

- Screen displays and illustrations may differ from those you see on an 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 are visually impaired, due to the touch screen keyboard.
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This device is not intended for sale in the U.S.A

### **Part 15.21 statement**

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

### **Part 15.105 statement**

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

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If 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 Part 15.19 statement**

This device complies with part 15 of FCC rules and ICES-003 Class B digital apparatus requirements for Industry Canada. 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.

### **Body-worn Operation**

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



# 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).

## For your safety

### 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  $-20^{\circ}\text{C}$  or higher than  $50^{\circ}\text{C}$ .
- 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 your safety

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 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](http://www.fcc.gov)

## Battery Precautions

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

## For your safety

### Battery Disposal

- Please dispose off your battery properly, or bring it to your wireless provider for recycling.
- Do not dispose off 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.

# 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 low power 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.

## Safety instructions

### 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;
- Do not carry the phone in 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.

## Safety instructions

### **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.

## Safety instructions

### 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 short-circuit 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.

## 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 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 Touch  > **Apps** tab > **Settings** > **Apps** from the DEVICE.
- 2 Once all applications appear, scroll to and select the application you want to uninstall.
- 3 Touch **Uninstall**.

## 2. Optimizing battery life

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

### 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.



### To check the battery power level:

- Touch  > **Apps** tab > **Settings** > **About phone** from the SYSTEM > **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:

- Touch  > **Apps** tab > **Settings** > **About phone** from the SYSTEM > **Battery** > **Battery use**.

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

## 3. Before installing an open source application and 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.

## Important notice

### 4. Using an unlock pattern

Set an unlock pattern to secure your phone. Touch  > **Apps** tab > **Settings** > **Lock screen** from DEVICE > **Select 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.

#### **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.

#### **When you can't recall your unlock Pattern, PIN or Password:**

##### **< If you have forgotten your pattern >**

If you logged in to your Google account on the phone but failed to enter the correct pattern 5 times, touch the **Forgot pattern?** button at the bottom of the screen. You are then required to log in with your Google Account or you have to enter the Backup PIN you entered when creating your Pattern Lock.

If you have not created a Google account on the phone or you forgot Backup PIN, you have to perform a hard reset.

##### **< 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 Power off the phone.
- 2 Press and hold the **Power/Lock key** + **Volume Down key** + **Home key**.
- 3 When the LG Logo appears on the screen, release all keys.
- 4 After a few seconds, the phone will allow you to select the factory reset function in the Android system recovery utility.
- 5 Press the **Power/Lock key** and your phone will be restored to its factory settings. To cancel, press any other key.

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


### **To stop applications:**

- 1 Touch  > **Apps** tab > **Settings** > **Apps** from DEVICE > **RUNNING**.
- 2 Scroll and touch the desired application and touch **Stop** to stop it.

## Important notice

**NOTE:** For multitasking, press the Home  key to move to another app while using an app. This does not stop the previous app running in the background on the device. Make sure to touch the Back  key to exit an app after using it.

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

- 1 Touch  > **Apps** tab > **Settings** > **Storage** from the DEVICE to check out the storage media.
- 2 Connect the phone to your PC using the USB cable.
- 3 A USB connection type list will appear on your phone screen, Select the **Media sync (MTP)** option.
- 4 Open the memory folder on your PC. You can view the mass storage content on your PC and transfer the files.
- 5 Copy the files from your PC to the drive folder.

## 8. Hold your phone upright

Hold your cell phone vertically, as you would a regular phone. Your phone has an internal antenna. Be careful not to scratch or damage the back of the phone, as this may affect performance. When making/receiving calls or sending/receiving data, avoid holding the lower part of the phone where the antenna is located. Doing so may affect call quality.

## 9. When the screen freezes

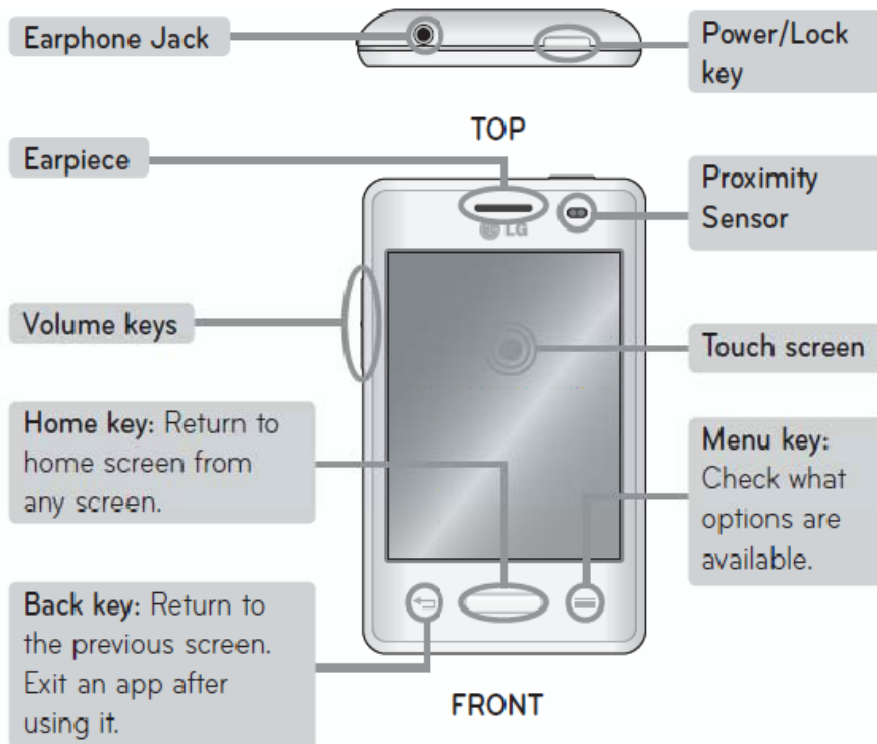
**If the screen freezes or the phone does not respond when you try to operate it:**

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

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

# Getting to know your phone

## Phone overview

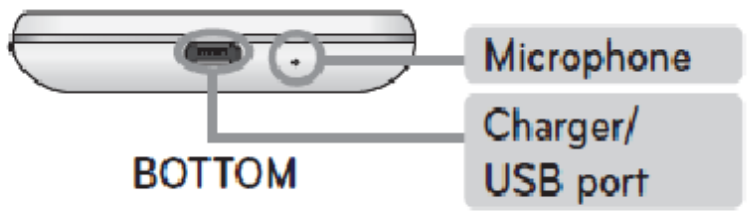


### **NOTE: Proximity sensor**

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 to 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.



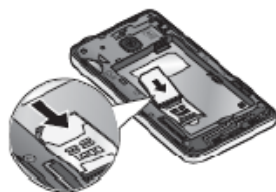
# Getting to know your phone

## 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. Remove the battery cover.



2. Make sure the gold contact area on the card is facing downwards.



3. Insert the battery.



4. Insert the battery cover.



## Getting to know your phone

### 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 the message regarding charging delay. 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 battery cover while your phone is charging.

**NOTE:**

- When the battery power is low, the device emits a warning tone and displays a low battery power message.
- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.
- If you use multiple applications at once, network applications, or applications that need a connection to another device, the battery will drain quickly. To avoid disconnecting from the network or losing power during a data transfer, always use these applications after fully charging the battery.
- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touch screen may not function. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.

After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket. Do not remove the battery before removing the charger. This may damage the device.

**NOTE:** To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The device should remain close to the electric socket while charging.

## Getting to know your phone

### Reducing the battery consumption

Your device provides options that help you save battery power. By customising these options and deactivating features in the background, you can use the device longer between charges:

- Activate power-saving mode.
- When you are not using the device, switch to sleep mode by pressing the Power/lock key.
- Close unnecessary applications with the task manager.
- Deactivate the Bluetooth feature.
- Deactivate the Wi-Fi feature.
- Deactivate auto-syncing of applications.
- Decrease the Screen timeout.
- Decrease the brightness of the display.

### 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  > **Apps** tab > **Settings** > **Storage** from the DEVICE > **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** from the DEVICE tab.
- 3 Touch **Unmount SD card** and touch **OK** to confirm.
- 4 Touch **Erase SD card** > **Erase SD card** > **Erase everything**.


## Getting to know your phone

5 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 touches and saves battery power.

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

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

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

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

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

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

**Pinch-to-Zoom** – Use your index finger and thumb in a pinching or spreading motion to zoom in or out when using the browser 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, touch the center of the icon.
- Do not press too hard; the Touch screen is sensitive enough to pick up a light, yet firm touch.
- Use the tip of your finger to touch the option you want. Be careful not to touch any other keys.


# Your Home screen

## Home screen

### Home Screen Overview


The main home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders or widgets to give you instant access to information and applications. This is the default page and accessible from any menu by pressing **Home** key.

On your Home screen, you can view menu icons at the bottom of the screen. Menu icons provide easy and one-touch access to the functions you use the most.

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

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

 Touch the **Messaging** icon to access the messaging menu. This is where you can create a new message.

 Touch the **Apps** icon at the bottom of the screen. This displays all of your installed applications. To open any application, simply touch the icon in the applications list.

### Navigating Through the Home Screens


Your phone initially has 5 Home screens. If you like, you can place different applications on each of the home screens.

- 1 From the main Home screen, swipe the screen with your finger in either direction. The main Home Screen is located in the middle with 2 Home screens on each side.




## Navigating Through the Application Menu

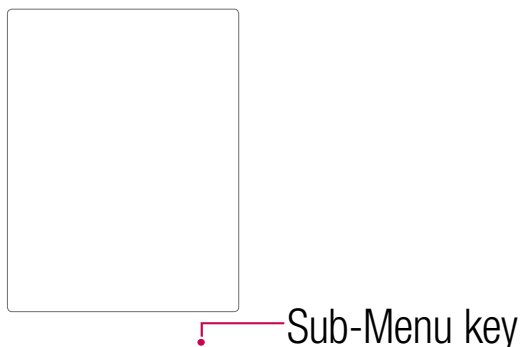
Your phone initially has three Application Menu Screens available. Follow these steps to navigate through the Application Menu screens:

- 1 At the Home screen, tap . The first Application Menu displays.
- 2 Swipe the screen left or right to access the other two menus.
- 3 Tap one of the application icons.

## Navigating Through the Sub-Menus

Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging or Internet.

- 1 Touch . A sub-menu displays at the bottom of the phone screen.
- 2 Tap an option.





# Your Home screen

## Customizing the Screen

You can customize your Home screen by doing the following:

- Changing the Wallpaper
- Moving Home Screens
- Creating Shortcuts
- Creating Application Folders on Home screen
- Adding and Removing Widgets on Home screen
- Customizing the Apps Menu screen

## Changing the Wallpaper of Home screen


You can change the Wallpaper (background) of your home screen by following these steps:

- 1 From the Home screen, touch and hold on an empty area of the screen.
- 2 Under the **Select wallpaper from** heading, tap one of the following options:
  - **Gallery**: select a wallpaper from photographs you have taken with your camera.
  - **Live Wallpapers**: select an animated wallpaper. This option is not available for the Lock screen option.
  - **Wallpaper gallery**: select from many still-life wallpapers.

## Moving Home Screens

Your phone comes with 3 Home screens. You can arrange the screens in any order that you want.

**To move a Home screen, follow these steps:**

- 1 From the Home screen, touch  > **Edit home screens**.
- 2 Drag it to the location that you would like to place it. When you move a Home screen, the other Home screens are automatically re-ordered.

### TIP!

- To change the main Home screen, touch Set default home screen and select the desired Home screen page.
- To delete a Home screen, touch and hold the Home screen you want to delete. And drag it to the trash.
- To add a Home screen, touch + icon and drag it to the new location.



**3** Press **Home** key to return to the main Home screen.

## Creating Shortcuts on Home screen

Shortcuts are different than the current Home screen Widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.

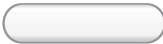

**NOTE:** To move a shortcut from one screen to another, it must first be deleted from its current screen. Navigate to the new screen, then add the shortcut.

### Adding a shortcut from the Apps Menu

- 1** Press  to go to the main Home screen, if it is not already selected.
- 2** Navigate to the desired Home screen.
- 3** Tap  to display your current applications.
- 4** Scroll through the list and locate your desired application.
- 5** Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the **Apps** tab.
- 6** While still holding the on-screen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.



# Your Home screen

## Deleting a shortcut

- 1 Press  to activate the Home screen.
- 2 Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
- 3 Drag the icon over the **Remove** icon  and release it.

## Creating Application Folders on Home screen


You can create application folders to hold similar applications if you wish.

- 1 Drop one app icon over another one on a Home screen, and the two icons will be combined. Repeat this step or tap the **Folder** icon  + icon , then you can combine several app icons in a folder.


## Adding and Removing Widgets on Home screen

Widgets are self-contained applications that reside in either your Widgets tab or on the main or extended Home screens. Unlike a shortcut, the Widget displays as an on-screen application.

### Adding a Widget



- 1 Navigate to the desired Home screen page from the main Home screen.
- 2 Tap .
- 3 Tap **Apps** > **Widgets** tab at the top of the screen.
- 4 Touch and hold an available Widget to position it on the current screen.

### Removing a Widget

- 1 Touch and hold a Widget until you can move it around on the screen.
- 2 Drag the Widget over the **Remove** icon  and release it.

**NOTE:** This action does not actually delete the Widget, it just removes it from the current Home screen.

## Customizing the Apps Menu screen

- 1 Touch the  from the main Home screen.
- 2 Tap the **Apps** tab at the top of the screen to go to the Apps Menu screen, if it is not already selected.
- 3 Touch the  to customize the Apps Menu screen using **Search**, **Sort by**, **Apps wallpaper**, **Hide/Show apps** menu options.

## Returning to recently-used applications

- 1 Press and hold the **Home** key. The screen displays a pop-up containing the icons of applications you used recently.
- 2 Touch an icon to open the application. Or touch the **Back** key to return to your previous screen.

## Notifications

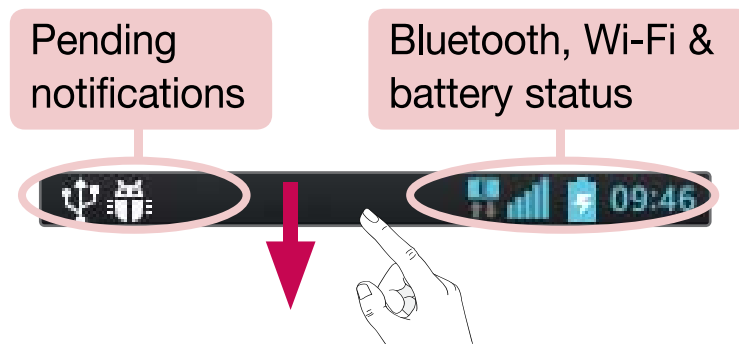
Notifications alert you to the arrival of new messages, calendar events, and alarms, as well as to ongoing events, such as video downloads.

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

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

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

# Your Home screen



## Swipe down for notifications & settings

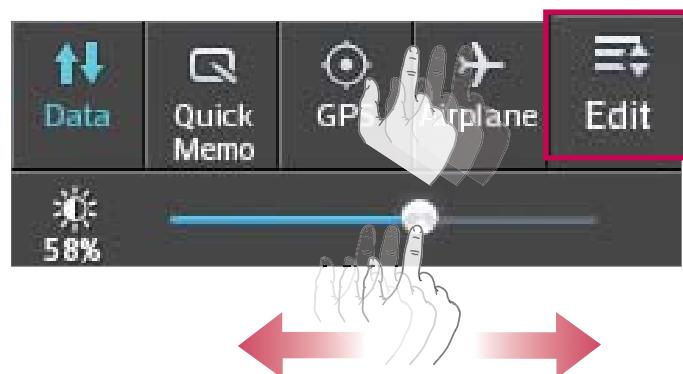
Swipe down the status bar to open the notifications panel. To close the notifications panel, swipe up the bar that is at the bottom of the screen.

## Quick Settings

Use Quick Settings to easily toggle function settings like Wi-Fi, manage display brightness and more. For Quick Settings, swipe down the status bar to open the notifications panel and swipe or touch for your desired setting.

### To rearrange Quick Setting items on the notification panel

Touch . You can then check and rearrange items on the notification panel.

























## Indicator icons on the Status Bar








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



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

Icon	Description	Icon	Description
	No USIM card		Vibrate mode
	No signal		Battery fully charged
	Airplane mode		Battery is charging
	Connected to a Wi-Fi network		Downloading data
	Wired headset		Uploading data
	Call in progress		GPS is acquiring
	Call hold		Receiving location data from GPS
	Speakerphone		Data is syncing
	Missed call		New Gmail
	Bluetooth is on		New Google Talk message
	System warning		New message

## Your Home screen

	Alarm is set		Phone is connected to PC via USB cable or USB tethering is active
	New voicemail		Portable Wi-Fi hotspot is active
	Ringer is silenced		Both USB tethering and portable hotspot are active
	Song is playing		

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

## Onscreen 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 touch 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.

 Tap to switch to the numbers and symbols keyboard.

 Tap to enter a space.

 Tap to create a new line.

 Tap to delete the previous character.

## Entering accented letters

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

For example, to input "á", touch and hold the "a" key until the 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**

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

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

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 Touch  > **Apps** tab > **Settings** > **Wi-Fi** from the WIRELESS & NETWORKS tab.
- 2 Set **Wi-Fi** to **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 Touch 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.

# Connecting to Networks and Devices

## Bluetooth


You can use Bluetooth to send data by running a corresponding application, 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 Touch  > **Apps** tab > **Settings** > set **Bluetooth** to **ON** from the WIRELESS & NETWORKS tab.
- 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 pairing is successful, your device will connect to the other device.

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

## Send data using the Bluetooth wireless feature


- 1 Select a file or item, such as a contact, calendar event or media file from an appropriate application or from **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 Touch  > **Apps** tab > **Settings** > set **Bluetooth** to ON  and touch **Make phone visible** to be visible on other devices.

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

- 2 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 change Portable Wi-Fi hotspot settings:


- 1 Touch  > **Apps** tab > **Settings** > **More...** from the WIRELESS & NETWORKS tab > **Portable Wi-Fi hotspot** > choose options that you want to adjust.

## Connecting to Networks and Devices

**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 On the Home screen, touch  > **Apps** tab > **Settings**.
- 2 Touch **More...** from the WIRELESS & NETWORKS tab and select **Portable Wi-Fi hotspot**.
- 3 Ensure that **Portable Wi-Fi hotspot** is checked.
- 4 Touch **Set up Wi-Fi hotspot**.
  - The **Set up Wi-Fi hotspot** dialogue box will open.
  - You can change the **Network SSID** (name) that other computers see when scanning for Wi-Fi networks.
  - You can also touch 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 **Open** in the **Security** menu to remove security from your Wi-Fi network.
- 5 Touch **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.

## PC connections with a USB cable

Learn to connect your device to a PC with a USB cable in USB connection modes. By connecting the device to a PC you can directly transfer data to and from your device and use the PC software (LG PC Suite).


### Syncing your phone with your computer

To synchronize your phone with your PC using the USB cable, you need to install the PC software (LG PC Suite) on your PC. Download the program from the LG website (www.lg.com).

- 1 Use the USB data cable to connect your phone to the PC. The USB connection type list will appear; select the LG software.
- 2 Run the LG PC Suite program on your PC. Refer to the PC software (LG PC Suite) help for more information.

**NOTE:** The LG integrated USB driver is required to connect an LG device to a PC. It is installed automatically when you install the LG PC Suite software.

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

- 1 Connect the 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  > > **Apps** tab > **Settings**> **PC connection** > **USB Connection type**, then select **Media sync (MTP)**.
- 3 You can now view the mass storage content on your PC and transfer the files.

## Connecting to Networks and Devices

### Synchronise with Windows Media Player

Ensure that Windows Media Player is installed on your PC.





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

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

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



# Calls

## Making a call



- 1 Touch  to open the keypad.
- 2 Enter the number using the keypad. To delete a digit, touch the .
- 3 Touch  to make a call.
- 4 To end a call, touch the **End** icon .

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

## Calling your contacts

- 1 Touch  to open your contacts.
- 2 Scroll through the contact list or enter the first few letters of the contact you want to call by touching **Search contacts**.
- 3 In the list, touch  to make the call.

## Answering and rejecting a call

When you receive a call in Lock state, swipe the  in any direction to Answer the incoming call. When the screen is unlocked, you just need to touch the icon to answer. Swipe the  in any direction to Decline an incoming call.

Hold and slide the **Decline with message** icon from the bottom if you want to send a message.

### **TIP! Decline with message**

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








# Calls

## Adjusting the in-call volume

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

## Making a second call

- 1 During your first call, touch **Menu** key > **Add call** and dial the number. You can also go to the recently dialled numbers list by touching  or can search contacts by touching  and select the contact you want to call.
- 2 Touch  to make the call.
- 3 Both calls are displayed on the call screen. Your initial call is locked and put on hold.
- 4 Touch the displayed number to toggle between calls. Or touch  **Merge calls** to start a conference call.
- 5 To end active calls, touch **End** or press the **Home** key, 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, touch  and choose the **Call logs** tab .



View a complete list of all dialled, received and missed calls.

**TIP!** Touch any call log entry to view the date, time and duration of the call.

**TIP!** Touch the **Menu** key , then touch **Delete all** 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, touch .
- 2 Touch .
- 3 Tap **Call settings** and choose the options that you wish to adjust.

# Contacts




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

## Searching for a contact

### On the Home screen

- 1 Touch  to open your contacts.
- 2 Touch **Search contacts** and enter the contact name using the keyboard.


## Adding a new contact

- 1 Touch , enter the new contact's number, then touch the **Menu** key . Touch **Add to Contacts > Create new contact**.
- 2 If you want to add a picture to the new contact, touch the image area. Choose from **Take photo** or **Select from Gallery**.
- 3 Select the contact type by touching .
- 4 Touch a category of contact information and enter the details about your contact.
- 5 Touch **Save**.



## Favorite contacts

You can classify frequently called contacts as favorites.



### Adding a contact to your favorites

- 1 Touch  to open your contacts.
- 2 Touch a contact to view its details.
- 3 Touch the star to the right corner of the contact's name. The star will turn to yellow color.

## Removing a contact from your favorites list

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

## Creating a group

- 1 Touch  to open your contacts.
- 2 Touch **Groups** and touch the **Menu** key . Select **New group**.
- 3 Enter a name for the new group. You can also set a ringtone for the newly created group.
- 4 Touch **Save** to save the group.

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

## Moving contacts from your old device to your new device

- 1 Export your contacts as a CSV file from your old device to your PC using a PC sync program.
- 2 Install "LG PC Suite" on the PC first. Run the program and connect your Android mobile phone to the PC using a USB cable.
- 3 In the top menu, select **Device > Import to device > Import contacts**.
- 4 A pop-up window to select the file type and a file to import will appear.
- 5 In the pop-up, click the **Select a file** and Windows Explorer will appear.
- 6 Select the Contacts file to import in Windows Explorer and click **Open**.



## Contacts

- 7 Click **OK**.
- 8 A **Field mapping** pop-up to link the contacts in your device and new contacts data will appear.
- 9 If there is a conflict between the data in your PC contacts and device contacts, make the necessary selections or modifications in LG PC Suite.
- 10 Click **OK**.


# Messaging


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

## Sending a message


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


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

- 3 Touch the **Enter message** field and begin composing your message.
- 4 Touch  to open the Options menu. Choose from **Quick message**, **Insert smiley**, **Schedule sending**, **Add subject** and **Discard**.

**TIP!** You can touch the  icon to attach the file you want to share to your message.

- 5 Touch **Send** 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.

 **WARNING:** 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.


# Messaging

## Threaded box

Threaded box Unread messages (SMS, MMS) are located on the top. And the others 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.

- Touch the **Messaging** icon on the Home screen, touch  and then tap **Settings**.

## E-mail

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 **E-mail** application, a set-up wizard opens to help you to set up an email account.

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




#### To add another email account:

- Touch  > **Apps** tab > **E-mail** > touch  > **Accounts** > in the **Accounts** screen, touch  > **Add account**.



#### To change an email account's settings:

- Touch  > **Apps** tab > **E-mail** > touch  > **Accounts** > in the **Accounts** screen, touch  > **Entire settings**.

#### To delete an email account:

- Touch  > **Apps** tab > **E-mail** > touch  > **Accounts** > in the **Accounts** screen, touch  > **Remove account** > touch an account you want to delete > **Remove** > select **Yes**.

### Working with account folders




Touch  > **Apps** tab > **E-mail** > touch  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 **E-mail** application, touch .
- 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 semicolon.
- 3 Touch the **Cc/Bcc** field to add Cc/Bcc and Touch  to attach files, if required.
- 4 Enter the text of the message.
- 5 Touch .

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

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

# Camera

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

## Getting to know the viewfinder










- 1 **Zoom** – Zoom in or zoom out.
- 2 **Cheese shutter** – To take a photo, say one of the following words: Cheese, Smile, Whisky, Kimchi or LG.
- 3 **Brightness** – Defines and controls the amount of sunlight entering the image.
- 4 **Camera size** – Selects photo resolution. If you choose high resolution, file size will increase, which means you will be able to store fewer photos in the memory.
- 5 **Settings** – Touch this icon to open the settings menu. See **Using the advanced settings**.
- 6 **Video mode** – Touch this icon to switch to video mode.
- 7 **Taking a photo**
- 8 **Gallery** – Touch to view the last photo you captured. This enables you to access your gallery and view saved photos while in camera mode.

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




# Camera



## Using the advanced settings

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

	Touch if you want to change the viewfinder menu.
	Finds the color and light settings for the current environment.
	The ISO rating determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera. This is useful in darker conditions when you cannot use the flash.
	Improves colour quality in various lighting conditions.
	Applies artistic effects to your pictures.
	Sets a delay after the capture button is pressed. This is ideal if you want to be in the photo.
	Activate this to use your phone's location-based services. Take pictures wherever you are and tag them with the location. If you upload tagged pictures to a blog that supports geotagging, you can see the pictures displayed on a map.

**NOTE:** This function is only available when the GPS function is active.


	Selects a shutter sound.
	Automatically shows you the picture you just took.
	Select storage to save images.

	Restore all camera default settings.
	Touch this whenever you want to know how a function works. This icon will provide you with a quick guide.

### TIP!





- When you exit the camera, some settings return to their defaults, such as white balance, color effect, timer and scene mode. Check these before you take your next photo.
- The setting menu is superimposed over the viewfinder so, when you change photo color or quality elements, you will see a preview of the changed image behind the Settings menu.

## Taking a quick photo

- 1 Open the **Camera** application.
- 2 Holding the phone horizontally, point the lens towards the subject you want to photograph.
- 3 Touch  to capture the photo.

## Once you've taken a photo

Touch  to view the last photo you took.

	Tap to view the Gallery of your saved photos.
	Touch to take another photo immediately.
	Touch to send your photo to others or share it via social network services.
	Touch to delete the photo.

## Camera

**TIP!** If you have an SNS account and set it 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.

Touch the **Menu key**  to open all advanced options.

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

**Move** – Touch to move the photo to another place.





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

**Rename** – Touch to edit the name of the selected photo.

**Rotate left/right** – To rotate left or right.

**Crop** – Crop your photo. Move your finger across the screen to select the area to be cropped.

**Edit** – View and edit the photo.

	Select photo resolution. If you choose high resolution, file size will increase, which means you will be able to store fewer photos in the memory.
	Improves color quality in various lighting conditions.
	Applies artistic effects to your photos.
	Applies additional options to your photos.

**Slideshow** – Automatically shows you the images in the current folder one after the other.

**Details** – Find out more information about the contents.

## Viewing your saved photos

You can access your saved photos when in camera mode. Just tap the Gallery icon  and your Gallery will be displayed.

- 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 **Zoom** – Zoom in or zoom out.
- 2 **Video size** – Touch to set the size (in pixels) of the video you are recording.
- 3 **Brightness** – This defines and controls the amount of sunlight entering the video.
- 4 **Voice On/Off** – Choose **Off** to record a video without sound.
- 5 **Settings** – Touch this icon to open the settings menu.
- 6 **Camera mode** – Touch this icon to switch to camera mode.
- 7 **Start recording**
- 8 **Gallery** – Touch to view the last video you recorded. This enables you to access your gallery and view your saved videos while in video mode.

### TIP!



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

## Using the advanced settings

Using the viewfinder, touch  to open all the advanced options.

	Touch if you want to change the viewfinder menu.
	Improves color quality in various lighting conditions.
	Choose a color tone to use for your new view.
	Activate this to use your phone's location-based services.
	Auto review automatically shows you the video you just recorded.
	Select storage to save videos.
	Restore all video camera default settings.

## Recording a quick video





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



## Video camera


### After recording a video

Your captured video will appear on the Gallery. Touch  to view the last video you captured.

	Touch to record another video immediately.
	Touch to send your video to others or share it via social network services.
	Touch to view the Gallery of your saved videos.
	Touch to delete the video.

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

### Watching your saved videos

- 1 In the viewfinder, tap .
- 2 Your Gallery will appear on the screen.
- 3 Tap a video to play it automatically.

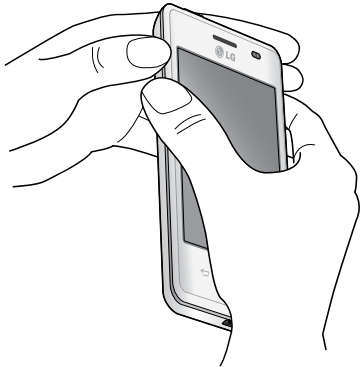
### Adjusting the volume when viewing a video

To adjust the volume of a video while it is playing, use the volume keys on the left-hand side of the phone.

# LG Unique Function

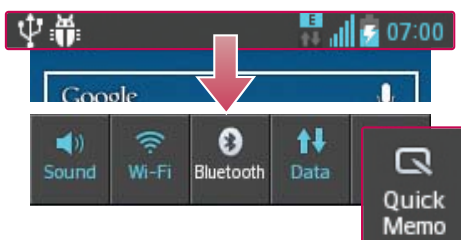
## QuickMemo function

Use the **QuickMemo** function practically and efficiently; create memos during a call, with a saved picture or on the current phone screen.



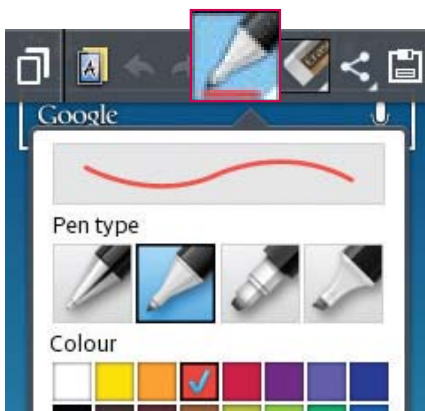
- 1 Enter the QuickMemo screen by pressing both the Volume up and down keys for one second on the screen you want to capture.

OR



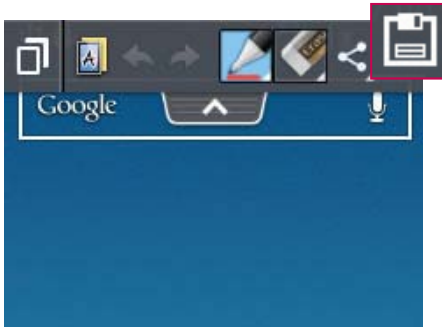
OR

Touch and slide down the status bar and touch .



- 2 Select the desired menu option from **Pen type**, **Colour**, **Eraser** and create a memo.

## LG Unique Function










- 3 Touch  in the Edit menu to save the memo with the current screen.

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

### Using the QuickMemo options

You can easily use the QuickMenu options when using the **QuickMemo** function.

	Touch to keep the current memo on the screen and use the phone simultaneously.
	Selects whether to use the background screen or not.
	Undo or Redo.
	Selects the pen type and the colour.
	Erases the memo that you created.
	Touch to send your memo to others or share it via social network services.
	Saves the memo with the current screen in the <b>Gallery</b> .

### Viewing the saved QuickMemo

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


## LG SmartWorld

LG SmartWorld offers an assortment of exciting content - games, applications, wallpaper and ringtones - giving LG phone users the chance to enjoy richer "Mobile Life" experiences.

### How to Get to LG SmartWorld from Your Phone




- 1 Touch  > **Apps** tab > tap the  icon to access **LG SmartWorld**.
- 2 Tap Sign in and enter ID/PW for LG SmartWorld. If you have not signed up yet, tap Register to receive your LG SmartWorld membership.
- 3 Download the content you want.

#### **NOTE: What if there is no icon?**

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

### How to use LG SmartWorld

- Participate in monthly LG SmartWorld promotions.

	Search content.
	Find content by category (e.g. Games, Education, Entertainment etc).
	List of downloaded/to-be updated content.

## LG Unique Function

- Try the easy **Menu** buttons to find what you're looking for fast.
  - Apps for you** – Recommended content based on your previous choices.
  - Settings** – Set Profile and Display.
  - Sign in** – Set your ID and Password.
- Try other useful functions as well. (Content Detail screen)

**NOTE:** LG SmartWorld may not be available from all carriers or in all countries.

# Multimedia

## Gallery

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

**1** Touch  > **Apps** tab > **Gallery**.

Open a list of catalog bars that store your multimedia files.

### NOTE:

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

## Viewing pictures

Launching Gallery displays your available folders. When another application, such as Email, saves a picture, the download folder is automatically created to contain the picture. Likewise, capturing a screenshot automatically creates the Screenshots folder. Select a folder to open it.

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

## Zooming in and out

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

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

# Multimedia

## 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 the **Menu** key  > **Edit** to use the use the advanced editing options.

## Deleting images

Use one of the following methods:

- In a folder, tap  and select photos/Videos by ticking, and then tap on **Delete**.
- When viewing a photo/Video, tap .


## Setting as wallpaper

When viewing an photo, touch the **Menu** key  > **Set image as** to set the image as wallpaper or to assign it 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  > **Apps** tab > **Videos**.

## Playing a video


- 1 Touch  > **Apps** tab > **Videos**.
- 2 Select the video you want to play.

	Touch to pause video playback.
	Touch to resume video playback.
	Touch to go 10 seconds forward.
	Touch to go 10 seconds backward.
	Touch to manage the video volume.
	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.

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

## Music

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

### 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.














# Multimedia

## 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.
- 3 When you're finished transferring files, swipe down on the Status Bar and touch **USB connected > Charge only**. You may now safely unplug your device.

## Playing a song

- 1 Touch  > **Apps** tab > **Music**.
- 2 Touch **Songs**.
- 3 Select the song you want to play.

	Touch to pause playback.
	Touch to resume playback.
	Touch to skip to the next track on the album or in the playlist.
	Touch to go back to the beginning of the song. Touch twice to return to the previous song.
	Touch to find the files with YouTube
	Touch to manage the music volume
	Touch to set repeat mode
	Touch to set shuffle mode
	Touch to set the favorites
	Touch to see the current playlist

To change the volume while listening to music, press the up and down volume keys on the left-hand side of the phone.

Touch and hold any song in the list. The **Play**, **Add to playlist**, **Share**, **Set as ringtone**, **Delete**, **Details** and **Search** options will be displayed.

**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.


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


Therefore, it may be necessary to obtain permission or a licence to reproduce or copy music.

In some countries, national laws prohibit private copying of copyrighted material. Before downloading or copying the file, check the national laws of the relevant country concerning the use of such material.




## Utilities

### Setting your alarm



- 1 Touch  > **Apps** tab > **Alarm/Clock** > .
- 2 After you set the alarm, your phone lets you know how much time is left before the alarm will go off.
- 3 Set **Repeat**, **Snooze duration**, **Vibration**, **Alarm sound**, **Alarm volume**, **Auto App starter**, **Puzzle lock** and **Memo**. Touch **Save**.

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

### Using your calculator

- 1 Touch  > **Apps** tab > **Calculator**.
- 2 Touch the number keys to enter numbers.
- 3 For simple calculations, touch the function you want to perform (+, −, x or ÷) followed by =.
- 4 For more complex calculations, touch , select the **Advanced panel**, then choose sin, cos, tan, log etc.
- 5 To check the history, tap the icon .

### Adding an event to your calendar





- 1 Touch  > **Apps** tab > **Calendar**.
- 2 On the top of 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 touch .
- 4 Touch **Event name** and enter the event name.
- 5 Touch **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 add a note to your event, touch **Description** and enter the details.
- 7 If you wish to repeat the alarm, set **REPEAT**, and set **REMINDERS**, if necessary.
- 8 Touch **Save** to save the event in the calendar.

## Voice Recorder


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

### Recording a sound or voice

- 1 Touch  > the **Apps** tab and select **Voice Recorder**.
- 2 Touch  to begin recording.
- 3 Touch  to end the recording.
- 4 Touch  to listen to the recording.

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

### Sending the voice recording

- 1 Once you have finished recording, you can send the audio clip by touching .
- 2 Choose from **Bluetooth**, **E-mail**, **Gmail**, **Memo** or **Messaging**. When you select Bluetooth, E-mail, Gmail, Memo or Messaging, the voice recording is added to the message. You may then write and send the message as you usually would.


## Tasks

You can manage your applications using Task Manager. You can easily check the number of applications that are currently running and shut down certain applications. You can also uninstall the applications you have installed on your device.

## Utilities

### Polaris Viewer 4

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

Touch  > **Apps** tab > **Polaris Viewer 4**.

#### Viewing files

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

### Google+

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

• Touch  > **Apps** tab > **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** Touch  > **Apps** tab > **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.

- Touch  > **Apps** tab > **Downloads**.

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

# The Web

## Internet






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

## Using the Web toolbar

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

	Touch to go back one page.
	Touch to go forward one page, to the page you connected to after the current one. This is the opposite of what happens when you touch the <b>Back</b> key, which takes you to the previous page.
	Touch to go to the Home page.
	Touch to add a new window.
	Touch 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.

## Searching the Web by voice

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

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

## Bookmarks

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

To open a bookmarked webpage, tap  and select one.

## History

Tap  > **History** to open a webpage from the list of recently-visited webpages. To clear the history, tap **Menu**  → **Clear all history**.

## Chrome

Use Chrome to search for information and browse webpages.

**1** Touch  > **Apps** tab > **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.




# The Web

## 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.

## Searching the Web by voice

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

## 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 **Menu**  → **Other devices**.

Select a webpage to open.

To view bookmarks, tap .

# Settings

## Accessing the Settings menu

- 1 On the Home screen, touch  > **Apps** tab > **Settings**.  
or  
On the Home screen, touch  > **System settings**.
- 2 Select a setting category and select an option.

## WIRELESS & NETWORKS


Here, you can manage Wi-Fi and Bluetooth. You can also set up mobile networks and switch to airplane mode.

### < **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 LG-E425j in the router.

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

### < **Bluetooth** >

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

### < **Mobile data** >

Displays the data usage and set mobile data usage limit.

### < **Call** >

Configure phone call settings such as call forwarding and other special features offered by your carrier.

**Fixed dialing numbers** – Turn on and compile a list of numbers that can be called from your phone. You'll need your PIN2, which is available from your operator. Only numbers within the fixed dial list can be called from your phone.

## Settings

**Save unknown numbers** – Add unknown numbers to contacts after a call.

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

**Call reject** – Allows you to set the call reject function. Choose from **Call reject mode** or **Rejection list**.

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

**Connection vibration** – Vibrates your phone when the other party answers the call.

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

**Power button ends call** – Allows you to select your end call.

**Call forwarding** – Choose whether to divert all calls when the line is busy, when there is no answer or when you have no signal.

**Call barring** – Lock incoming, outgoing or international calls.

**Call duration** – View the duration of calls including **Last call**, **Dialled calls**, **Received calls** and **All calls**.

**Additional settings** – Allows you to change the following settings:

**Caller ID:** Choose whether to display your number in an outgoing call.

**Call waiting:** If call waiting is activated, the handset will notify you of an incoming call while you are on a call (depending on your network provider).

< **More...** >

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

**Portable Wi-Fi hotspot** – Allows you to share mobile network via Wi-Fi and you can configure portable Wi-Fi hotspot settings.

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

**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.

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

## DEVICE

### < Sound >

**Sound profile** – Choose the **Sound**, either **Vibrate only** or **Silent**.

**Volumes** – Manage the volume of Phone ringtone, Notification sound, Touch feedback & system, Music, video, games and other media.

**Quiet time** – Set times to turn off all sounds except alarm and media.

**Ringtone with vibration** – Vibration feedback for calls and notifications.

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

**Notification sound** – Allows you to set your default notification ringtone.

**Incoming call vibration** – Allows you to set vibration type when you receive the incoming call.

**Dial pad touch tones** – Allows you to set the phone to play tones when using the dialpad to dial numbers.

**Touch sounds** – Allows you to set your phone to play a sound when you touch buttons, icons and other onscreen items that react to your touch.

**Screen lock sound** – Allows you to set your phone to play a sound when locking and unlocking the screen.

### < Display >

**Brightness** – Adjust the screen brightness.

**Screen timeout** – Set the time for screen timeout.

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

# Settings

**Font type** – Change the type of display font.

**Font size** – Change the size of the display font.

**Front touch key light** – Set the front key light duration.

**Home-key LED Effect** – Multi-pattern colour Home-key LED lighting appears depending on item(s) you select. Select the item you wish to apply LED lighting. You can immediately notify what kind of event has been happened with various LED colors such as Battery charging, Incoming call, Alarm, Missed event and so on.

## < Home screen >

Set the **Theme**, **Screen swipe effect** or **Wallpaper**. Select the option to set **Scroll screens circularly** and **Home backup & restore**.

## < Lock screen >

**Select screen lock** – Set a screen lock type to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern. Set **None**, **Swipe**, **Pattern**, **PIN** or **Password**.

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

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

**Clocks & shortcuts** – Customize clocks & shortcuts on the lock screen.

**Owner info** – Show owner info on the lock screen.

**Lock timer** – Set the lock time after screen timeout.

**Power button instantly locks** – Set the screen lock when the power button is pressed.

## < Storage >

**INTERNAL STORAGE** – View the internal storage usage.

**SD card** – View the external storage usage.

## < Battery >

Manage the battery and check the power saving items.

## < Apps >

View and manage your applications.

## PERSONAL

### < Accounts & sync >

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

### < Location access >

**Access to my location** – If you select Wi-Fi & mobile network location, your phone determines your approximate location using Wi-Fi and mobile networks. When you select this option, you're asked whether you consent to allowing Google to use your location when providing these services.

**GPS satellites** – If you select GPS satellites, your phone determines your location to street-level accuracy.

**Wi-Fi & mobile network location** – Lets apps use data from sources such as Wi-Fi and mobile networks to determine your approximate location.

### < Security >

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

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

**Phone administrators** – View or deactivate phone administrators.

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

**Trusted credentials** – Display trusted CA certificates.

**Install from storage** – Choose to install encrypted certificates.

**Clear credentials** – Remove all certificates.

# Settings

## < 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.

**Backup 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.

**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.

## SYSTEM

### < 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.

### < Accessibility >

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

**NOTE:** Requires additional plug-ins to become selectable.

### < PC connection >

**USB connection type** – Set the desired mode: **Charge only**, **Media sync (MTP)**, **USB tethering**, **LG software** or **Camera (PTP)**.

**Ask on connection** – Ask in USB connection mode when connecting to a computer.

**Help** – Help for USB connection.

**PC Suite** – Checkmark this to use LG PC Suite with your Wi-Fi connection.

**Help** – Help for LG software.

### < Developer options >

Keep in mind that turning on these developer settings may result in irregular device behavior. The developer options are recommended only for advanced users.

### < About phone >

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



## PC software (LG PC Suite)

"LG PC Suite" PC software is a program that helps you connect your device to a PC via a USB cable and Wi-Fi. Once connected, you can use the functions of your device from your PC.

### With your "LG PC Suite" PC Software, You Can...

- Manage and play your media contents (music, movie, picture) on your PC.
- Send multimedia contents to your device.
- Synchronizes data (schedules, contacts, bookmarks) in your device and PC.
- Backup the applications in your device.
- Update the softwares in your device.
- Backup and restore the device data.
- Play multimedia contents of your PC from your device.
- Backup and create and edit the memos in your device.

**NOTE:** You can use the Help menu from the application to find out how to use your "LG PC Suite" PC software.

### Installing "LG PC Suite" PC Software

"LG PC Suite" PC software can be downloaded from the webpage of LG.

- 1 Go to [www.lg.com](http://www.lg.com) and select a country of your choice.
- 2 Go to **Support > MOBILE SUPPORT > LG Mobile Phones** > Select the Model  
or  
Go to **Support > Mobile** > Select the Model.
- 3 Click **PC SYNC** from **MANUALS & DOWNLOAD** and click **DOWNLOAD** to download "LG PC Suite" PC software.

## System Requirements for "LG PC Suite" PC software

- OS: Windows XP (Service pack 3) 32bit, Windows Vista, Windows 7, Windows 8
- CPU: 1 GHz or higher processors
- Memory: 512 MB or higher RAMs
- Graphic card: 1024 x 768 resolution, 32 bit color or higher
- HDD: 500 MB or more free hard disk space (More free hard disk space may be needed depending on the volume of data stored.)
- Required software: LG integrated drivers, Windows Media Player 10 or later.

### **NOTE: LG Integrated USB Driver**

LG integrated USB driver is required to connect an LG device and PC and installed automatically when you install "LG PC Suite" PC software application.

## Synchronizing your Device to a PC

Data from your device and PC can be synchronized easily with "LG PC Suite" PC software for your convenience. Contacts, schedules and bookmarks can be synchronized.

The procedure is as follows:

- 1** Connect your device to PC. (Use a USB cable or Wi-Fi connection.)
- 2** The **USB connection type** will appear, then select **LG software**.
- 3** After connection, run the program and select the device section from the category on the left side of the screen.
- 4** Click **Personal information** to select.
- 5** Select the checkbox of contents to synchronize and click the **Sync** button.

**NOTE:** To synchronize your phone with your PC using the USB cable, you need to install LG PC Suite onto your PC. Please refer to previous pages to install LG PC Suite.

## PC software (LG PC Suite)

### Moving contacts from your Old Device to your New Device

- 1 Export your contacts as a CSV file from your old device to your PC using a PC sync program.
- 2 Install "LG PC Suite" on the PC first. Run the program and connect your Android mobile phone to the PC using a USB cable.
- 3 On the top menu, select **Device > Import to device > Import contacts**.
- 4 A popup window to select the file type and a file to import will appear.
- 5 On the popup, click the **Select a file** and Windows Explorer will appear.
- 6 Select the contacts file to import in Windows Explorer and click the **Open**.
- 7 Click **OK**.
- 8 A **Field mapping** popup to link the contacts in your device and new contacts data will appear.
- 9 If there is a conflict between the data in your PC contacts and device contacts, make the necessary selections or modifications in LG PC Suite.
- 10 Click **OK**.

# Phone software update

## Phone software update

### LG Mobile phone software update from the Internet

For more information about using this function, please visit <http://update.lgmobile.com> or <http://www.lg.com/common/index.jsp> → select your country and language.

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

**NOTE:** LG reserves the right to make firmware updates available only for selected models at its own discretion and does not guarantee the availability of the newer version of the firmware for all handset models.

### 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 > Software update > Check now for update.**

## Phone software update

**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

### 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](http://www.lg.com).
- Your phone's applications and their functions may vary by country, region or hardware specifications. LG cannot be held liable for any performance issues resulting from the use of applications developed by providers other than LG.
- LG cannot be held liable for performance or incompatibility issues resulting from 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.
- Software, audio, wallpaper, images, and other media supplied with your device are licensed for limited use. If you extract and use these materials for commercial or other, you may be infringing copyright laws. As a user, you are fully and entirely responsible for the illegal use of media.
- 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.

### Trademarks

- LG and the LG logo are registered trademarks of LG Electronics.
- All other trademarks and copyrights are the property of their respective owners.

## About this user guide



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### **Notice: Open Source Software**

To obtain the corresponding source code under GPL, LGPL, MPL and other open source licences, please visit <http://opensource.lge.com/>

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

# Accessories

These accessories are available for use with 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 invalidate 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 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 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.	

<b>Message</b>	<b>Possible causes</b>	<b>Possible corrective measures</b>
No applications can be set	Not supported by service provider or registration required.	Contact your service provider.
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.

## Troubleshooting


Message	Possible causes	Possible corrective measures
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 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.
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.

<b>Message</b>	<b>Possible causes</b>	<b>Possible corrective measures</b>
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


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

<b>Category</b> Sub- Category	<b>Question</b>	<b>Answer</b>
<b>BT</b> 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 to share pictures, videos, contacts, etc. via Gallery/Contacts menu. Also, when the FTP server is connected to a compatible device, you can share content stored on the storage media.
<b>BT</b> Bluetooth Headset	If my Bluetooth headset is connected, can I listen to my music through my 3.5 mm wired headphones?	When a Bluetooth headset is connected, all system sounds are played over the headset. As a result, you will not be able to listen to music through your wired headphones.
<b>Data</b> Contacts Backup	How can I backup Contacts?	The Contacts data can be synchronized between your phone and Gmail™.
<b>Data</b> Synchronization	Is it possible to set up one-way sync with Gmail?	Only two-way synchronization is available.

Category Sub- Category	Question	Answer
<b>Data</b> Synchronization	Is it possible to synchronize all the email folders?	The Inbox is automatically synchronized. You can view other folders by touching the <b>Menu</b> key  and touching <b>Folders</b> to choose a folder.
<b>Google™</b> <b>Service</b> Gmail Log-In	Do I have to log into Gmail whenever I want to access Gmail?	Once you have logged into Gmail, not need to log into Gmail again.
<b>Google™</b> <b>Service</b> Google Account	Is it possible to filter emails?	No, email filtering is not supported via the phone.
<b>Phone</b> <b>Function</b> Email	What happens when I execute another application while writing an email?	Your email will automatically be saved as a draft.
<b>Phone</b> <b>Function</b> Ringtone	Is there a file size limitation for when I want to use an .MP3 file as a ring tone?	There is no file size limitation.
<b>Phone</b> <b>Function</b> 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.

## FAQ


Category Sub- Category	Question	Answer
<b>Phone Function</b> microSD Card	What is the maximum supported size for a memory card?	32 GB memory cards are compatible.
<b>Phone Function</b> Navigation	Is it possible to install another navigation application on my phone?	Any application that is available at Android Market™ and is compatible with the hardware can be installed and used.
<b>Phone Function</b> 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.
<b>Phone Function</b> Wait and Pause	Is it possible to save a contact with Wait and Pause in the numbers?	<p>If you transferred a contact with the W &amp; P functions saved into the number, you will not be able to use those features. You will need to re-save each number.</p> <p>How to save with Wait and Pause:</p> <ol style="list-style-type: none"><li>1. From the Home screen, touch the <b>Phone</b> icon .</li><li>2. Dial the number, then touch the <b>Menu</b> key .</li><li>3. Touch <b>Add 2-sec pause</b> or <b>Add wait</b>.</li></ol>

Category Sub- Category	Question	Answer
<b>Phone Function</b> Security	What are the phone's security functions?	<p>You are able to set the phone to require that an Unlock Pattern be entered before the phone can be accessed or used.</p>
<b>Phone Function</b> Unlock Pattern	How do I create the Unlock Pattern?	<ol style="list-style-type: none"> <li>1. From the Home screen, touch the <b>Menu</b> key .</li> <li>2. Touch <b>System settings &gt; Lock screen</b>.</li> <li>3. Touch <b>Select screen lock &gt; Pattern</b>. The first time you do this, a short tutorial about creating an Unlock Pattern will appear.</li> <li>4. Set up by drawing your pattern once, and once again for confirmation.</li> </ol> <p>Precautions to take when using the pattern lock.</p> <p>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)</p>





## FAQ

Category Sub- Category	Question	Answer
<b>Phone Function</b> Unlock Pattern	What should I do if I forget the unlock pattern and I didn't create my Google account on the phone?	<p>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, touch 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.</p> <p>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.</p> <p>How to perform a factory reset:</p> <ol style="list-style-type: none"><li>1. When the phone is switched off, press and hold the Volume down key + Power key + Home key with your left hand.</li><li>2. When the LED on the bottom of the phone lights up, release the Volume down key + Power keys and press and hold the Home key (for about 2 seconds) at the same time.</li><li>3. The phone will turn on and perform a factory reset immediately.</li></ol>

Category	Question	Answer
Sub-Category		
Phone Function Memory	Will I know when my memory is full?	<p>3. When the LG logo is displayed on the screen, continue to hold the keys for around two seconds, and then release all them at the same time, before the LG logo disappears.</p> <p>Do not operate your phone for at least one minute, while the hard reset is performed. You will then be able to switch your phone back on.</p>
Phone Function Language Support	Is it possible to change my phone's language?	<p>The phone has multilingual capabilities. To change the language:</p> <ol style="list-style-type: none"> <li>1. From the Home screen, touch the <b>Menu</b> key  and touch <b>System settings</b>.</li> <li>2. Touch <b>Language &amp; input &gt; Select language</b>.</li> <li>3. Touch the desired language.</li> </ol>
Phone Function VPN	How do I set up a VPN?	<p>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.</p>

## FAQ

Category Sub- Category	Question	Answer
<b>Phone Function</b> 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?	<ol style="list-style-type: none"><li>1. From the Home screen, touch the <b>Menu</b> key .</li><li>2. Touch <b>System settings &gt; Display</b>.</li><li>3. Under Display settings, touch <b>Screen timeout</b>.</li><li>4. Touch the preferred screen backlight timeout time.</li></ol>
<b>Phone Function</b> Wi-Fi & 3G	When Wi-Fi and 3G are both available, which service will my phone use?	<p>When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connectivity on your phone is set to On). However, there will be no notification when your phone switches from one to the other.</p> <p>To know which data connection is being used, view the 3G or Wi-Fi icon at the top of your screen.</p>
<b>Phone Function</b> Home screen	Is it possible to remove an application from the Home screen?	Yes. Just touch and hold the icon until the dustbin icon appears at the top and center of the screen. Then, without lifting your finger, drag the icon to the trash can.
<b>Phone Function</b> Application	I downloaded an application and it causes a lot of errors. How do I remove it?	<ol style="list-style-type: none"><li>1. From the Home screen, touch the <b>Menu</b> key .</li><li>2. Touch <b>App settings &gt; DOWNLOADED</b>.</li><li>3. Touch the application, then touch <b>Uninstall</b>.</li></ol>

Category Sub- Category	Question	Answer
<b>Phone Function</b> 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.
<b>Phone Function</b> Alarm	Can I use music files for my alarm?	Yes. After saving a music file as a ringtone, you can use it as your alarm. 1. Touch and hold a song in a library list. In the menu that opens, touch <b>Set as ringtone</b> . 2. In the alarm clock setting screen, select the song as a ringtone.
<b>Phone Function</b> Alarm	Will my alarm be audible or will it go off if the phone is turned off?	No, this is not supported.
<b>Phone Function</b> 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.
<b>Recovery Solution</b> 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.

