



LG

Life's Good

ENGLISH

User Guide

LG-D285g

MFLO00000000 (1.0)

www.lg.com



ENGLISH

User Guide

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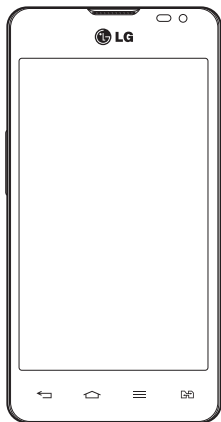


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For your safety

Important Information

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

Before you begin

Safety Guidelines



WARNING

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

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

Important!

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

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°C or higher than 50°C.
- Do not use harsh chemicals (such as alcohol, benzene, solvents, etc.) or detergents to clean the phone. This could cause fire.
- Do not drop the phone, strike it, or shake it hard.
Such actions may harm the phone's internal circuit boards.
- Do not use your phone in high explosive areas, as this may generate sparks.
- Do not damage the power cord by bending, twisting, pulling, or heating it. Do not use the plug if it is loose as it may cause fire or electric shock.
- Do not handle the phone with wet hands while it is charging. This can cause electric shock or seriously damage your phone.
- Do not disassemble the phone.
- Do not make or answer calls while charging the phone, which can cause a short circuit, electric shock, or fire.

- Use only batteries and chargers provided by LG. The warranty does not apply to products provided by other providers.
- Only authorized personnel should service the phone and its accessories. Installation or service may result in accidents and consequently invalidate the warranty.
- Do not hold or let the antenna come in contact with your body during a call.
- Emergency calls can be made only within a service area. To make an emergency call, make sure you are within a service area and the phone is on.
- Use your accessories, such as headphones or headsets, with caution, ensuring that the cables are plugged properly and that they do not touch the antenna unnecessarily.

Information about the RF exposure from FCC



WARNING

Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic

energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both international and U.S. standards.

The 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.

Battery Precautions

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

Battery Disposal

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

Adapter Precautions (Charger)

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

Cautions for Battery

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

For your safety

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

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

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

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

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

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

Antenna Care

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

Safety instructions

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

Driving

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

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

Electronic Devices

Most modern electronic equipment is shielded from RF signals.

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

Pacemaker

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

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

People with pacemakers should:

- ALWAYS keep the phone at least fifteen centimeters (six inches) from their pacemaker, whenever the phone is turned on;
- Not carry the phone in a shirt pocket;
- Use the ear opposite to the pacemaker, to minimize the potential interference;
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

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

Other Medical Devices

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

Health Care Facilities

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

Safety instructions

Vehicles

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

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

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

Facilities with signs

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

Airplanes

FCC regulations prohibit the use of phones while in the air. Turn off your phone before boarding an airplane.

Blasting Areas

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

Potentially Explosive Atmosphere

Turn off the phone when in an area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire that could result in personal injury or death.

Areas with a potentially explosive atmosphere are often clearly marked, but not always. Among the potentially dangerous areas are:

Fueling areas (such as gas stations), areas below deck on boats, facilities where chemical products are transferred or stored, vehicles using liquefied petroleum gas (as propane or butane), areas where the air contains chemicals or particles (such as grain, dust or metal powders), and any other areas where you would normally be advised to turn off your vehicle engine.

For vehicles equipped with air bags

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

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

Safety Information

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

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

Charger, Adapter and Battery Security

- The charger and adapter are designed only for indoor use.
- Dispose of your battery properly, or bring it to your wireless provider for recycling.
- The battery doesn't need to be fully discharged before recharging.
- Only use LG approved chargers that are specifically made for your phone model, since they are designed to maximize the battery life.
- Do not disassemble or short-circuit it.
- 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 shortcircuit between the + and - terminals of the battery (metal strips on the battery). The short-circuit of the terminals may damage the battery and cause an explosion.

General Notice

- Using a damaged battery, or inserting it into the mouth can cause serious injuries.
- Do not place the phone in proximity to items containing magnetic components, such as credit cards, calling cards, bank books, or subway tickets. The phone magnetism may damage the data stored in the magnetic strip.
- Talking on the phone for a long period of time may reduce call quality, because of the heat generated during use.
- When the phone has not been in use for a long time, store it in a safe place, with the power cord unplugged.
- Using the phone close to a receiving equipment (such as TV or radio) may cause interference.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight singe. Contact an LG Authorized Service Facility to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, immediately turn it off and remove the battery. If your phone does not work, take it to an LG Authorized Service Facility.
- The power supply contains elements that could be harmful to your health, if components are handled directly. If this happens, we recommend immediate hand-washing.
- Do not paint the phone.
- Data stored in your phone might be deleted due to careless use, hardware repair or software upgrade. Please backup your important phone numbers (ringtones, text or voice messages, images, and videos might also get deleted). The manufacturer is not liable for damages due to loss of data.
- When using the phone in public places, you may set the ringer on vibrate to avoid disturbing others.
- Do not switch the phone on/off while it is in your ear.

HOW TO UPDATE YOUR SMARTPHONE

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

- **Update your smartphone without a PC.** Select **Update Center > Software Update**.
- **Update your smartphone by connecting it to your PC.** For more information about using this function, please visit <http://www.lg.com/common/index.jsp> select country and language.

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.

Important notice

Please read this before you start using your phone!

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

1. Phone memory

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

To uninstall applications:

- 1 Tap  >  > **Apps** tab > **Settings** > **General** tab > **Apps**.
- 2 Once all applications appear, scroll to and select the application you want to uninstall.
- 3 Tap **Uninstall**.

2. Optimizing battery life

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

Extending your phone's battery life:

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

To check the battery power level:

- Tap  >  > **Apps** tab > **Settings** > **General** tab > **About phone** > **Common** > **Battery**.

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

To monitor and control how battery power is being used:

- Tap  >  > **Apps** tab > **Settings** > **General** tab > **About phone** > **Common** > **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.

4. Using an unlock pattern

Set an unlock pattern to secure your phone. Tap  >  > **Apps** tab > **Settings** > **Display** tab > **Lock screen** > **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.

Important notice



WARNING

Precautions to take when using pattern lock.

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

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

WARNING

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

6. Opening and switching applications

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

- 1 Touch and hold the **Home Key** . A list of recently used applications will be displayed.
- 2 Tap the application you want to access. This does not stop the previous app running in the background on the phone. Make sure to tap **Back Key**  to exit an app after using it.
- To stop applications, tap **Task Manager** from the recent apps list, then tap **Stop** or **Stop all**.
- To remove an app from the recent apps list, swipe the app preview to the left or right. To clear all apps, tap **Clear all**.

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

- 1 Tap  >  > **Apps** tab > **Settings** > **General** tab > **Storage** to check out the storage media.
- 2 Connect the phone to your PC using the USB cable.
- 3 **Select USB connection method** 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 from PC to Device memory folder or vice versa.

8. Hold your phone upright

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

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

Important notice

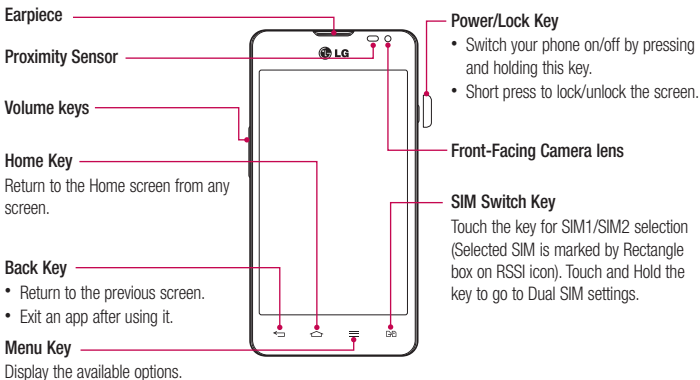
9. When the screen freezes

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 your ear. This extends battery life and prevents you from unintentionally activating the touch screen during calls.

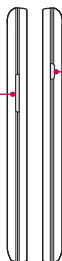
WARNING

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

Volume keys

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



Power/Lock Key

Earphone Jack

Microphone

Charger/USB Port

SIM cards slot

(Upper slot for SIM1 and Lower slot for SIM2)

Camera lens

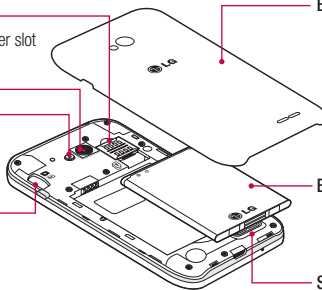
Flash

microSD Card slot

Battery cover

Battery

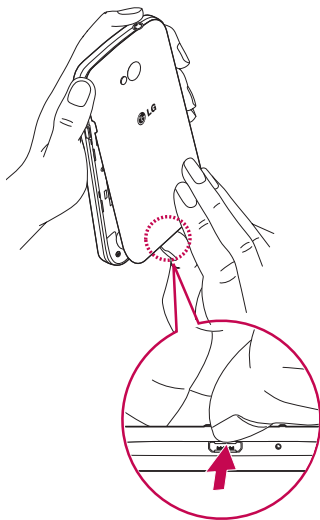
Speaker



Installing the SIM card and battery

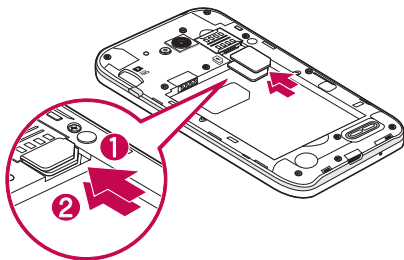
Before you can start exploring your new phone, you'll need to set it up. To insert the SIM card and battery.

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

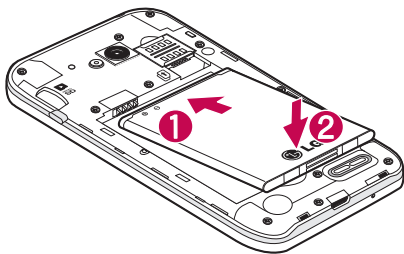


Getting to know your phone

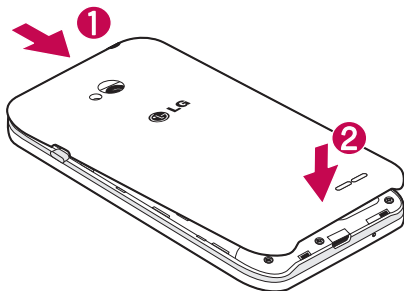
- 2 Slide the SIM card into its slots as shown in the figure. Make sure the gold contact area on the card is facing downwards.



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



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



Charging your phone

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

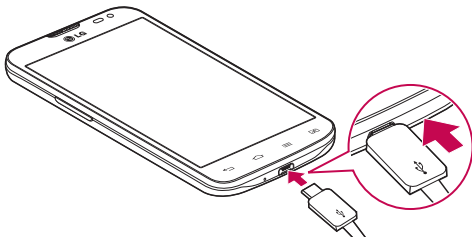


WARNING

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

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

Getting to know your phone



NOTE:

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

Using the memory card

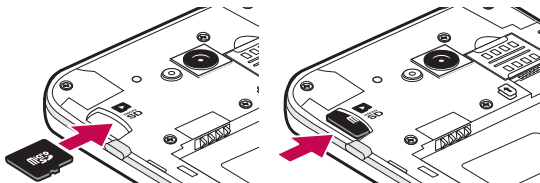
Your phone supports the use of microSD™ or microSDHC™ memory cards of up to 32 GB capacity. These memory cards are specifically designed for mobile phones and other ultra-small devices, and are ideal for storing media-rich files such as music, programs, videos, and photographs for use with your phone.

To insert a memory card:

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

To safely remove the memory card:

Touch  > **Apps** tab > **Settings** > **General** tab > **Storage** > **Unmount SD card**.



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** > **General** tab > **Storage**.
- 3 Touch **Unmount SD card**.
- 4 Touch **Erase SD card** > **Erase SD card** > **Erase everything**.
- 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 taps and saves battery power.

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

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

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

Getting to know your phone

Knock Code

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

To activate Knock Code feature

- 1 Tap  >  > **Apps tab** > **Settings** > **General tab** > **Lock screen** > **Select screen lock** > **Knock Code**.
- 2 This opens a screen that will guide you through how to select the unlock sequence. You have to create a Backup PIN as a safety measure in case you forget your unlock sequence.

TIP: Double-tap to turn the screen on when Knock Code is not in use.

KnockON

You can lock or unlock the screen by just double-tap.

To activate KnockON feature

- 1 Tap  >  > **Apps tab** > **Settings** > **General tab** > **Gestures**.

- 2 Place a checkmark on **Screen on/off**.

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

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

Plug & Pop

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

- 1 Plug in earphone.
- 2 The applications panel will display and you can select an app to run.

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

- ▶ Tap  >  > **Apps tab** > **Settings** > **General tab** > **Accessory** > **Earphone Plug & Pop**.

Your Home screen

Touch screen tips

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

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

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

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

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

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

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

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

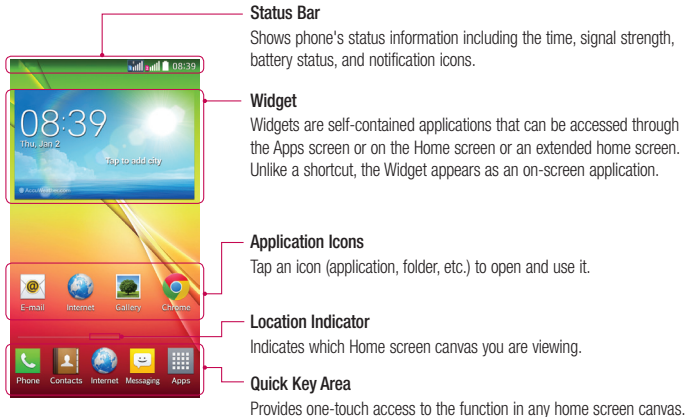
NOTE:

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

Home screen

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

Your Home screen



Extended home screen

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

- Slide your finger left or right across the Home screen.

Customizing the Home screen

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

To add items on your Home screen

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

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

To remove an item from the Home screen

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

To add an app as a Quick key

- ▶ From the Apps menu or on the Home screen, touch and hold an application icon and drag it to the Quick key area.

To remove an app from the Quick key area

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

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

To customize apps icons on the Home screen

- 1 Touch and hold an application icon until it is unlocked from its current position. Then drop it on the screen. The editing icon  will appear in the upper right corner of the application.
- 2 Tap the application icon again and select the desired icon design and size.
- 3 Tap **OK** to save the change.

Returning to recently-used applications

- 1 Touch and hold . The screen displays a pop-up containing the icons of applications you used recently.
- 2 Tap an icon to open the application. Or tap  to return to your previous screen.

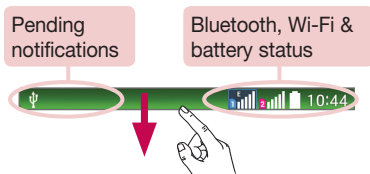
Your Home screen

Notifications panel

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

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

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



Using Dual SIM

When two SIM cards are inserted on your phone, the SIM cards information are displayed on your notification drawer. When you touch the SIM switch key, currently active SIM is switched.

NOTE: If only one SIM card is inserted or one SIM is off, SIM switching is not available, and the SIM switch key has no action. During a call, sending a message or using a data service, the other SIM's RSSI might be displayed as 'No service' due to the network service status.

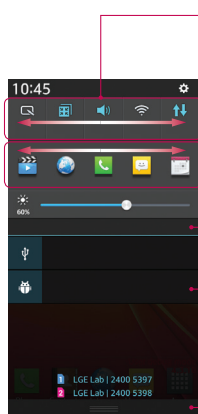


WARNING

If you are outside of the service area, it may cause your device to consume more battery power.

Opening the notifications panel

Swipe down from the status bar to open the notifications panel.



Quick Toggle Area

Tap each quick toggle key to turn it on/off. Touch and hold the key to access the settings menu of the function. To see more toggle keys, swipe left or right. Tap  to remove, add, or rearrange toggle keys.

QSlide Apps

Tap a QSlide app to open as a small window on your screen. Tap  to remove, add, or rearrange QSlide apps.

Tap to clear all the notifications.

Notifications

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

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

Indicator icons on the Status Bar

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



Your Home screen

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

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

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

NOTE: The icons location in the status bar may differ according to the function or service.

On-screen keyboard

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

Using the keypad & entering text



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



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

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

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

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

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

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

Connecting to Networks and Devices

Wi-Fi

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

Connecting to Wi-Fi networks

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

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

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

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

- 1 Tap  >  > **Apps** tab > **Settings** > **Networks** tab > **Wi-Fi**.
- 2 Set **Wi-Fi** to **ON** to turn it on and start scanning for available Wi-Fi networks.
- 3 Tap the Wi-Fi menu again to see a list of active and in-range Wi-Fi networks.
 - Secured networks are indicated by a lock icon.
- 4 Tap a network to connect to it.
 - If the network is secured, you are prompted to enter a password or other credentials. (Ask your network administrator for details)
- 5 The status bar displays icons that indicate Wi-Fi status.

Connecting to Networks and Devices

Bluetooth

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

NOTE:

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

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

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

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

Once the 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 Tap  >  > **Apps** tab > **Settings** > **Networks** tab > set **Bluetooth** to **ON**.

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

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

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

Sharing your phone's data connection

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

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

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

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

- 1 Tap  >  > **Apps** tab > **Settings** > **Networks** tab > **Tethering & networks** > **Wi-Fi hotspot** switch to activate.
- 2 Enter a password and tap **Save**.

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

To rename or secure your portable hotspot

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

- 1 Tap  >  > **Apps** tab > **Settings** > **Networks** tab > **Tethering & networks** > **Wi-Fi hotspot**.
- 2 Tap **Set up Wi-Fi hotspot**.
 - The **Set up Wi-Fi hotspot** dialogue box will open.

Connecting to Networks and Devices

- You can change the **Network SSID** (name) that other devices see when scanning for Wi-Fi networks.
- You can also tap the **Security** menu to configure the network with Wi-Fi Protected Access 2 (WPA2) security using a pre-shared key (PSK).
- If you touch the **WPA2 PSK** security option, a password field is added to the **Set up Wi-Fi hotspot** dialogue box. If you enter a password, you will need to enter that password when you connect to the phone's hotspot with a computer or other device. You can set **Open** in the **Security** menu to remove security from your Wi-Fi network.

3 Tap **Save**.

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

Wi-Fi Direct

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

PC connections with a USB cable

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

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

- 1 Connect your phone to a PC using a USB cable.
- 2 If you haven't installed the LG Android Platform Driver on your PC, you will need to manually change the settings. Choose **System settings > General tab > PC connection > Select USB connection method**, then select **Media sync (MTP)**.
- 3 You can now view the mass storage content on your PC and transfer the files.

Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

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

Calls

Making a call

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

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

Calling your contacts

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

Answering and rejecting a call

Swipe the  in any direction to Answer the incoming call.

Swipe the  in any direction to Decline an incoming call.

Swipe the **Decline with message** icon in any direction 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.

Adjusting the in-call volume

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

Making a second call

- 1 During your first call, tap  > **Add call** and dial the number. You can also go to the recently dialled numbers list by tapping  or can search contacts by tapping  and selecting the contact you want to call.
- 2 Tap  to make the call.
- 3 Both calls are displayed on the call screen. Your initial call is locked and put on hold.
- 4 Tap the displayed number to toggle between calls. Or tap  **Merge calls** to start a conference call.
- 5 To end active calls, tap **End** or tap  and slide the notification bar down and select the **End call** icon .

NOTE: You are charged for each call you make.

Viewing your call logs

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

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

TIP!

- Tap any call log entry to view the date, time and duration of the call.
- Tap , then tap **Delete 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, tap .
- 2 Tap .
- 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 Tap  to open your contacts.
- 2 Tap **Search contacts** and enter the contact name using the keyboard.

Adding a new contact

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

Favourites contacts

You can classify frequently called contacts as favourites.

Adding a contact to your favourites

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

Removing a contact from your favourites list

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

Creating a group

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

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

Messaging

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

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

Sending a message

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

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

- 3 Tap the **Message via SIM1/SIM2** field and begin composing your message.
- 4 Tap  to open the Options menu. Choose from **Quick message**, **Insert smiley**, **Schedule sending**, **Add subject** and **Discard**.

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

- 5 Tap **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.
- If an image, video or audio file is added to an SMS message, it is automatically converted into an MMS message and you are charged accordingly.

Threaded box

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

Changing your message settings

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

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