LG

Life's Good

USER GUIDE

LG-M400F

About this user guide

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

• Always use genuine LG accessories. The supplied items are designed only for this device and may not be compatible with other devices.

• This device is not suitable for people who have a visual impairment due to the touchscreen keyboard.

• Descriptions are based on the device default settings.

• Default apps on the device are subject to updates, and support for these apps may be withdrawn without prior notice. If you have any questions about an app provided with the device, please contact an LG Service Centre. For user-installed apps, please contact the relevant service provider.

• Modifying the device's operating system or installing software from unofficial sources may damage the device and lead to data corruption or data loss. Such actions will violate your LG licence agreement and void your warranty.

• Some content and illustrations may differ from your device, depending on the area, service provider, software version, or OS version, and are subject to change without prior notice.

• Software, audio, wallpaper, images, and other media supplied with your device are licenced for limited use. If you extract and use these materials for commercial or other purposes, you may be infringing copyright laws. As a user, you are fully responsible for the illegal use of media.

• Additional charges may incur for data services, such as messaging, uploading,downloading, auto-syncing and location services. To void additional charges, select a data plan suitable to your needs. Contact your service provider to obtain additional details.

Instructional notices

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

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

NOTE: Notices or additional information.

Table of contents

01

Custom-designed Features

02

Basic Functions

03

Useful Apps

04

Phone Settings

05

Appendix

Guidelines for safe and efficient use

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 by the party responsible for compliance could void the user's authority to operate this equipment.*

Before you begin

Safety Guidelines

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

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

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

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

Safety Information

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

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

• Never use an unapproved battery that could cause damages to the phone or the battery itself, or even explode.

• Never place your phone in a microwave oven, as this will result in an explosion of the battery.

• Do not dispose of your battery in fire or with hazardous or flammable materials.

• Make sure the battery does not come into contact with sharp-edged items, such as animal teeth or claws. This could cause a fire.

• Store the battery in a place out of the reach of children.

• Be careful so that children do not swallow any parts of the phone, such as rubber plugs (earpiece, parts that connect to the phone, etc.). This could cause asphyxiation or suffocation.

• Disconnect the plug and charger from the outlet when the phone shows that the battery has been fully charged, because it may cause electric shock or fire hazard.

• When in the car, do not leave your phone, or install a hands-free kit, near the airbag. If wireless equipment is improperly installed, you can be seriously injured if the airbag is deployed.

• Do not use mobile phone while driving.

• Do not use the phone in areas where its usage is prohibited. (For example: in airplanes).

• Do not expose the battery charger or adapter to direct sunlight, or use it in places with high humidity, such as bathroom.

• Never store your phone in temperatures lower than -20°C or higher than 50°C.

• Do not use harsh chemicals (such as alcohol, benzene, solvents, etc.) or detergents to clean the phone. This could cause fire.

• Do not drop the phone, strike it, or shake it hard.
Such actions may harm the phone's internal circuit boards.

• Do not use your phone in high explosive areas, as this may generate sparks.

• Do not damage the power cord by bending, twisting, pulling, or heating it. Do not use the plug if it is loose as it may cause fire or electric shock.

- Do not handle the phone with wet hands while it is charging. This can cause electric shock or seriously damage your phone.

- Do not disassemble the phone.

- Do not make or answer calls while charging the phone, which can cause a short circuit, electric shock, or fire.

- Use only batteries and chargers provided by LG. The warranty does not apply to products provided by other providers.

- Only authorized personnel should service the phone and its accessories. Installation or service may result in accidents and consequently invalidate the warranty.

- Do not hold or let the antenna come in contact with your body during a call.

- Emergency calls can be made only within a service area. To make an emergency call, make sure you are within a service area and the phone is on.

- Use your accessories, such as headphones or headsets, with caution, ensuring that the cables are plugged properly and that they do not touch the antenna unnecessarily.

Information about the RF exposure from FCC

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

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-502, 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.

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 may 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.

Class B Compliance under article 15 of the FCC

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

The operation is subject to the following conditions:

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

Battery Precautions

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

Battery Disposal

• Please dispose of your battery properly, or bring it to your wireless provider for recycling.

• Do not dispose of your battery in fire or with hazardous or flammable materials.

Adapter Precautions (Charger)

• Using the wrong battery charger could damage your phone and void your warranty.

• The adapter or battery charger is only designed for indoor use.

• Do not expose the battery charger or adapter to direct sunlight, or use it in places with high humidity, such as the bathroom.

Cautions for Battery

• Do not disassemble or open crush, bend or deform, puncture or shred.

• Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.

• Only use the battery for the system for which it is specified.

• Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

• Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.

• Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.

• Promptly dispose of used batteries in accordance with local regulations.

• Battery usage by children should be supervised.

• Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.

• Improper battery use may result in a fire, explosion or other hazard.

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

Avoid damage to your ear

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

Safety instructions

TIA's Safety Information

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

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

Exposure to Radio Frequency Signal

Your wireless handheld portable telephone is a lowpower radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

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

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

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

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

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

Phone Operation

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

Suggestions for a more efficient operation

For your phone to operate most efficiently:

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

Driving

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

• Pay full attention to driving; driving safely is your first responsibility;

• Use hands-free operation, if available;

• Pull off the road and park, before making or answering a call, if driving conditions demand so.

Electronic Devices

Most modern electronic equipment is shielded from RF signals.

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

Pacemaker

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

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

People with pacemakers should:

• ALWAYS keep the phone at least fifteen centimeters (six inches) from their pacemaker, whenever the phone is turned on;

• Not carry the phone in a shirt pocket;

• Use the ear opposite to the pacemaker, to minimize the potential interference;

• If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

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

Other Medical Devices

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

Health Care Facilities

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

Vehicles

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

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

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

Facilities with signs

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

Airplanes

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

Blasting Areas

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

Potentially Explosive Atmosphere

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

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

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

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

For vehicles equipped with air bags

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

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

Safety Information

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

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

Charger, Adapter and Battery Security

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

- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.

- Charge the battery after long periods without use to maximize its life.

- The battery life will vary depending on usage patterns and environmental conditions.

- Intensive use of backlighting, browser, and packet data connectivity affect battery life and talk/standby times.

- The role of self-protection interrupts the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn on the phone.

Explosion, Shock and Fire Danger

- Do not place the phone in a place exposed to excessive dust, and keep the minimum required distance between the power cord and heat sources.

- Unplug the power cord before cleaning the phone, and clean the power plug whenever it is dirty.

- When using the power plug, make sure it is firmly connected. Otherwise, it can overheat or start a fire.

- Placing the phone in a pocket or bag without covering the receptacle (power plug pin), metallic articles (such as a coin, clip or pen) may short-circuit the phone. Always cover the receptacle when not in use.

- Do not short-circuit the battery. Metal items, such as coins, paper clips, or pens, in your pocket or bag may cause a shortcircuit between the + and - terminals of the battery (metal strips on the battery). The short-circuit of the terminals may damage the battery and cause an explosion.

General Notice

- Using a damaged battery, or inserting it into the mouth can cause serious injuries.

- Do not place the phone in proximity to items containing magnetic components, such as credit cards, calling cards, bank books, or subway tickets. The phone magnetism may damage the data stored in the magnetic strip.

- Talking on the phone for a long period of time may reduce call quality, because of the heat generated during use.

- When the phone has not been in use for a long time, store it in a safe place, with the power cord unplugged.
- Using the phone close to a receiving equipment (such as TV or radio) may cause interference.
- Do not immerse your phone in water. If this happens, immediately turn it off and remove the battery. If your phone does not work, take it to an LG Authorized Service Facility.
- The power supply contains elements that could be harmful to your health, if components are handled directly. If this happens, we recommend immediate hand-washing.
- Do not paint the phone.
- Data stored in your phone might be deleted due to careless use, hardware repair or software upgrade. Please backup your important phone numbers (ringtones, text or voice messages, images, and videos might also get deleted). The manufacturer is not liable for damages due to loss of data.
- When using the phone in public places, you may set the ringer on vibrate to avoid disturbing others.
- Do not switch the phone on/off while it is in your ear.
- Repairs under warranty, at LG's discretion, may include replacement parts or boards that are either new or reconditioned, provided that they have functionality equal to that of the parts being replaced.

Ambient temperatures

Use your phone in temperatures between 0 °C and 35 °C, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

01

Custom-designed Features

Second screen

Second screen overview

Second screen lets you open apps and see urgent info without searching for it on the main screen. Customise the screen with apps and info you need.

You can set it to be enabled when the screen is on and off.

Using the device with the main screen off

You can view the current time, date or notifications without turning on the device, and launch functions such as Quick Tools, music player and more.

1 Tap ◯ > **Settings** > **Display** > **Second screen** > **Show when main screen off**.

2 Configure the options as desired.

Expandable notifications

When a notification comes in, tap the expandable view icon to view the notification.

Direct reply

When you receive a notification, you can reply to the recipient from the Second screen without closing the current app.

When the notification comes in on the Second screen, tap the arrow icon, then reply to the recipient.

Signature Wallpaper

You can create a personalised lock screen wallpaper by using the first letter of your signature from the Second screen.

1 Tap ◯ > **Settings** > **Display** > **Lock screen** > **Wallpaper** > **Signature Wallpaper**, then tap ◿.

2 Enter your signature and tap **SAVE** to save the setting.
   • The first letter of your signature is displayed on the locked screen.

3 Tap **SET WALLPAPER** to set the wallpaper.

> • Tap ◯ > **Settings** > **Display** > **Lock screen** > **Select screen lock**, and select a screen lock method.
>
> • This feature is disabled if the screen lock is set to **None**.

Customising the Signature Wallpaper   Signature wallpaper on the lock screen

Video recording features

Wide-angle camera

You can take photos or record videos with a wider range than your actual field of vision by using the wide-angle on the front and rear camera.

Launch the Camera app, then tap ⊡ / ⊡ or ⊡ / ⊡ to switch between the standard and wide-angle.

Front camera
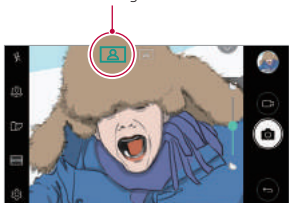
Standard angle icon   Wide-angle icon

Rear camera

Standard angle icon   Wide-angle icon

• See *Starting the camera* for details.

Steady recording

You can use the Steady recording feature to minimise motion blur while recording a video.

Launch the Camera app, then tap **AUTO** (⬚A) or **MANUAL** (⬚) > ⚙ > **Steady recording** ⬤.

> 🗐 • See *Starting the camera* for details.
> • This feature is unavailable in the following cases:
>   - Video size limitation: Resolution is set as UHD 16:9.
>   - FPS limitation: FPS is set as 1 FPS, 2 FPS, or 60 FPS.

Hi-Fi video recording

Record high quality videos by capturing higher quality sound with a wider dynamic frequency range using 3 sensitive AOP (Acoustic Overload Point) mics and incredible Hi-Fi Recording.

Launch the Camera app, then tap **MANUAL** (⬚) > ⚙ > **Hi-Fi** ⬤.

> 🗐 • See *Starting the camera* for details.
> • Hi-Fi videos can only be played in apps that support Hi-Fi.
> • This feature is unavailable when you use the front camera.

Tracking focus while using the camera

You can track and maintain focus on an object while taking photos or recording videos.

1 Launch the Camera app, then tap {۞} > **Tracking focus**.

2 Before recording a video or taking a photo, lightly tap the screen to select an object to focus on.
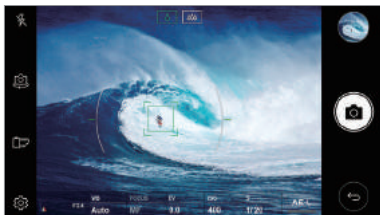
3 Take the photo or start recording your video.

📝 • See *Starting the camera* for details.

   • To use this feature, select the standard camera (⌊ △ ⌋) for taking photos or recording videos.

   • This feature is unavailable when you use the front camera or the wide-angle camera for taking a photo or recording a video.

   • This feature is unavailable in the following cases:

     - Video size limitation: Resolution is set as UHD 16:9.
     - FPS limitation: FPS is set as 60 FPS.

Audio recording features

HD Audio Recorder overview

You can configure the audio settings manually so that you can record audio based on the settings optimised for the selected mode.

Recording modes

You can record a highly defined audio file by selecting and configuring the audio mode to suit the recording environment.

Tap ◯ > **HD Audio Recorder**.

CUSTOM

You can configure the desired settings to record audio.

CONCERT

You can record audio in a concert or other music events.

NORMAL

You can record audio without extra settings.

Studio mode

You can play an audio file and record your voice at the same time.

You can record your voice along with the background music you selected. You can also create a chord by recording your voice multiple times.

You can record your comments over the original audio file of the presenter or speaker.

1 Tap ◯ > **HD Audio Recorder**.

2 On the Second screen, select **CUSTOM**.

3 Tap ♪₊

4 Select an audio file to use as background music.

5 Tap ● to record voice.

6 Tap ■ to save the recorded file.

> 🗐 • Background music can only be played through earphones. Make sure to plug in earphones before using this feature.

Other useful features for use of the HD Audio Recorder app

GAIN

You can adjust the sensitivity of the sound recorded by the microphone.

The higher the GAIN value is set, the more sensitively the sound is recorded.

LCF

You can filter any low-pitched noises such as the low hum of the air conditioner.

The higher the LCF (Low Cut Filter) value is set, the better high-frequency noises are filtered.

LMT

It can prevent clipping of the recorded sound. The higher the LMT (Limiter) value is set, the more low frequency sounds that will not get clipped.

> • With one of the three recording modes selected, tap ⋮ > **Settings**, then customise the file type, bit depth, sampling rate and other settings.
>
> • When you connect the earpiece to the device, 🎙 appears. Tap 🎙 and then select the microphone to use.
>
> • You can monitor sound quality with the connected earpiece while recording an audio. While recording an audio in Studio mode, the sound monitoring is not supported. You can hear only the background music.

Multi-tasking feature

Multi-Window

You can use two apps at the same time by separating the screen into the multiple windows.

While using an app, touch and hold ☐ from the Home touch buttons, then select an app from the recently used apps list.

- You can use two apps displayed on the main screen at the same time.
- To stop the Multi-Window feature, touch and hold ☰.
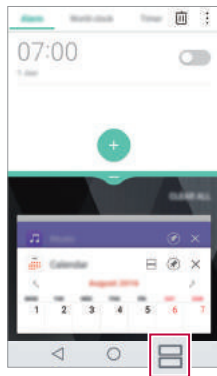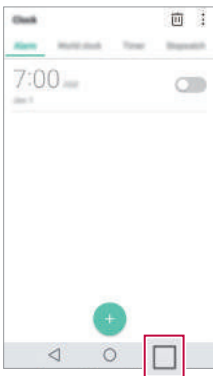
☐ • You can use this feature in an app that supports the Multi-Window feature.

- The Multi-Window feature is not supported by some apps, including downloaded apps.

Overview screen

The Overview screen provides a preview of your recently used apps.

To view the list of recently used apps, tap ☐ on the Home, then tap the displayed app.

• Touch and hold an app and drag it to the top of the screen to start the app with the Multi-Window. You can also tap ⊟ at the top of each app.

Fingerprint recognition

Fingerprint recognition overview

You must register your fingerprint on your device first before using the fingerprint recognition function.

You can use the fingerprint recognition function in the following cases:

• To unlock the screen
• To view the locked content in the **Gallery** or **QuickMemo+**.
• Confirm a purchase by signing in to an app or identifying yourself with your fingerprint.

> • Your fingerprint can be used by the device for user identification. Very similar fingerprints from different users may be recognised by the fingerprint sensor as the same fingerprint. To enhance the device security, set the screen lock to a pattern, PIN or password.

Precautions for fingerprint recognition

Fingerprint recognition accuracy may decrease due to a number of reasons. To maximise the recognition accuracy, check the following before using the device.

- The device's Power/Lock key has a fingerprint sensor. Ensure that the Power/Lock key is not damaged by a metallic object, such as coin or key.
- When water, dust or other foreign substance is on the Power/Lock key or your finger, the fingerprint registration or recognition may not work. Clean and dry your finger before having the fingerprint recognised.
- A fingerprint may not be recognised properly if the surface of your finger has a scar or is not smooth due to being soaked in water.
- If you bend your finger or use the fingertip only, your fingerprint may not be recognised. Make sure that your finger covers the entire surface of the Power/Lock key.
- Scan only one finger for each registration. Scanning more than one finger may affect fingerprint registration and recognition.
- The device may generate static electricity if the surrounding air is dry. If the surrounding air is dry, avoid scanning fingerprints, or touch a metallic object such as coin or key before scanning fingerprints to remove static electricity.

Registering fingerprints

You can register and save your fingerprint on the device to use fingerprint identification.

1 Tap ◯ > **Settings** > **General** > **Fingerprints & security** > **Fingerprints**.

> • This feature is available when the secured lock is activated.
>   - Lock the device with Knock Code, Pattern, PIN, Password and more.
> • If the screen lock is not active, configure the lock screen by following the on-screen instructions. See _Configuring screen lock settings_ for details.

2 Locate the Power/Lock key on the back of the device and gently put your finger on it to register the fingerprint.

> • Gently press the Power/Lock key so that the sensor can recognise your fingerprint. If you press the Power/Lock key with an excessive force, the screen lock function may start or the screen may be turned off.
> • Ensure that your fingertip covers the entire surface of the sensor of the Power/Lock key.

3 Follow the on-screen instructions.

   • Repeat scanning the fingerprint by moving your finger little by little until the fingerprint registers.

4 When the fingerprint registration is done, tap **OK**.

   • Tap **ADD MORE** to register another fingerprint. If you register only one fingerprint and the corresponding finger is not in a good condition, the fingerprint recognition may not work well. As the preventive measure against this kind of situation, register multiple fingerprints.

Managing fingerprints

You can edit or delete registered fingerprints.

1 Tap ◯ > **Settings** > **General** > **Fingerprints & security** > **Fingerprints**.

2 Unlock according to the specified lock method.

3 From the fingerprint list, tap a fingerprint to rename it. To delete it, tap 🗑.

Unlocking the screen with a fingerprint

You can unlock the screen or view the locked content by using your fingerprint. Activate the desired function:

1 Tap ◯ > **Settings** > **General** > **Fingerprints & security** > **Fingerprints**.

2 Unlock according to the specified lock method.

3 On the fingerprint settings screen, activate the desired function:

   • **Screen lock**: Unlock the screen with a fingerprint.
   • **Content lock**: Unlock content with a fingerprint. To do this, make sure that the content lock is set.

quick share

You can share a photo or video to the app you want immediately after taking it.

1 Tap ◯ > ◉, then take a photo or record a video.

2 Tap the app icon that appears on the screen to share it using that app. You can also swipe the icon towards the opposite direction to see what other apps you can use to share your photos and videos.
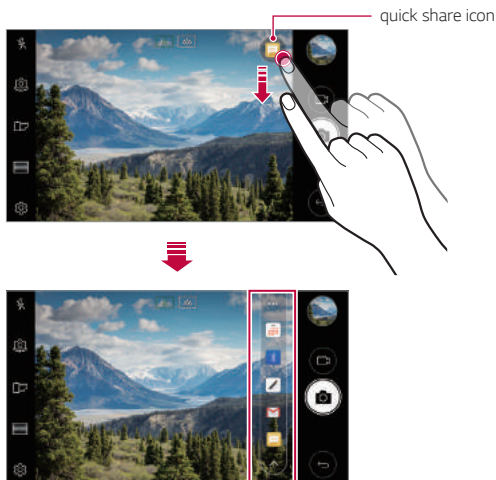
quick share icon

- The app displayed by the quick share icon may vary, depending on the type and frequency of access to the apps installed on the device.

- You can use this feature only when you take a photo or record a video in the AUTO mode. See *AUTO mode* for details.

02

Basic Functions

Product components and accessories

The following items are included with your device.

- Device
- Battery
- Stereo headset

- USB cable
- Charger
- Quick Start Guide

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

📋
- If any of these basic items are missing, contact the dealer from which you purchased your device.
- To purchase additional basic items, contact an LG Customer Service Centre.
- To purchase optional items, contact an LG Customer Service Centre for available dealers.
- Some items in the product box are subject to change without notice.
- The appearance and specifications of your device are subject to change without notice.
- Device specifications may vary depending on the area or service provider.
- Be sure to use authentic accessories provided by LG Electronics. Using third-party accessories may damage the device or cause malfunctions.
- Remove the protective film from the Fingerprint sensor before use of the fingerprint recognition feature.
- Remove the protective film on the camera lens if necessary.

Parts overview

- Proximity/Ambient light sensor
  - Proximity sensor: During a call, the proximity sensor turns off the screen and disables touch functionality when the device is in close proximity to the human body. It turns the screen back on and enables touch functionality when the device is outside a specific range.
  - Ambient light sensor: The ambient light sensor analyses the ambient light intensity when the auto-brightness control mode is turned on.

- Volume keys
  - Adjust the volume for ringtones, calls or notifications.
  - While using the Camera, gently press a Volume key to take a photo. To take continuous shots of photos, press and hold the Volume key.
  - Press the Volume Down (-) key twice to launch the **Camera** app when the screen is locked or turned off. Press the Volume Up (+) key twice to launch **Capture+**.
- Power/Lock key (Fingerprint sensor)
  - Briefly press the key when you want to turn the screen on or off.
  - Press and hold the key when you want to select a power control option.
  - Turn on the fingerprint recognition feature to simplify the process of unlocking the screen. See *Fingerprint recognition overview* for details.

冃 • Some functions may be restricted for access, depending on the device specifications.

- Do not put heavy objects on the device or sit on it. Failure to do so may damage the touch screen.
- Screen-protective film or accessories may interfere with the proximity sensor.
- If your device is wet or is being used in a humid place, the touch screen or buttons may not function properly.

Turning the power on or off

Turning the power on

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

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

Turning the power off

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

Power control options

Press and hold the Power/Lock key, then select an option.

- **Power off**: Turn off the device.
- **Power off and restart**: Restart the device.
- **Turn on Airplane mode**: Block telecommunication-related functions, including making phone calls, messaging and browsing the Internet. Other functions remain available.

Installing the SIM card

Insert the SIM (Subscriber Identity Module) card provided by your service provider to start using your device.

1 Press the back cover release key on the bottom side of the device.

2 Grab the back cover and remove it from the device.

3 Slide the SIM card into the SIM card slot with the gold-coloured contacts facing downwards.

> • This device supports only Nano SIM cards.
> • For problem-free performance, it is recommended to use the phone with the correct type of SIM card. Always use a factory-made SIM card supplied by the operator.

Precautions when using the SIM card

• Do not lose your SIM card. LG is not responsible for damage and other issues caused by loss or transfer of a SIM card.

• Be careful not to damage the SIM card when you insert or remove it.

Inserting the memory card

Insert the memory card into your device.

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

1 Press the back cover release key on the bottom side of the device.

2 Grab the back cover and remove it from the device.

3 Insert the memory card into the memory card slot.

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

🗐 • Frequent writing and erasing of data may shorten the memory card lifespan.

Removing the memory card

Unmount the memory card before removing it for safety.

1 Tap ◯ > **Settings** > **General** > **Storage** > △.

2 Remove the back cover and pull out the memory card.

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

Battery

Installing the battery

1 Press the back cover release key located at the bottom side of the device.

2 Grab the back cover and remove it from the device.

3 Align the battery with the battery contacts ❶ and insert it in place ❷ . Then put the back cover onto the device ❸ .

4 Press ❶ on the back cover, then press ❷ until the back cover is tightly fastened.

⚠ • Follow the instructions in this user guide cautiously when handling the device. Failure to do so may damage the device or cause injury to yourself or others.

Removing the battery

Open the back cover and pull out the battery.

> ⚠ • Turn off the device before removing the battery. Failure to do so may damage the device.

Charging the battery

Before using the device, fully charge the battery.

Charge the device with the USB Type-C cable.

> ⚠ • Make sure to use the USB cable provided with your device.
> • Make sure to use an LG-approved charger, battery and charging cable. Charging the battery with a third-party charger may cause the battery to explode or may damage the device.
> • Using the device when it is charging may cause electric shock. To use the device, stop charging it.

Precautions when using the device

• When replacing the battery, take extra care to ensure that no foreign substances or water enter the device.

• Ensure that the inside of the device does not make contact with a metallic object or water.

• Press the back cover release key to remove the back cover, do not use force to remove the back cover.

• Make sure to use the USB cable provided; do not use third party USB cables or chargers with your device. The LG limited warranty does not cover the use of third party accessories.

• Failure to follow the instructions in this guide and improper use may damage the device.

Using the battery efficiently

Battery lifespan may decrease if you keep many apps and functions running simultaneously and continuously.

Cancel background operations to increase battery life.

To minimise battery consumption, follow these tips:

• Turn off the Bluetooth® or Wi-Fi network function when not using them.

• Set the screen timeout to as short a time as possible.

• Minimise the screen brightness.

• Set a screen lock when the device is not used.

• Check the battery usage details and close any downloaded apps that are draining the battery.

Touch screen

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

Tapping

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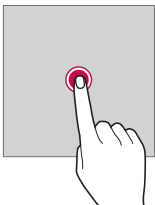
Touching and holding

Touch and hold for several seconds to display a menu with available options.
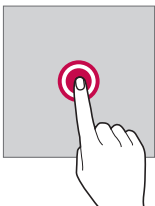
Double-tapping

Tap twice quickly to zoom in or out on a web page or map.
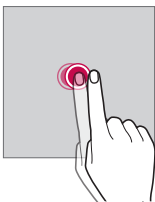
Dragging

Touch an item, such as an app or widget, then move your finger to another location in a controlled motion. You can use this gesture to move an item.
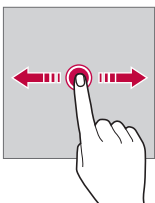
Swiping

Touch the screen with your finger and move it quickly without pausing. You can use this gesture to scroll through a list, a web page, photos, screens, and more.
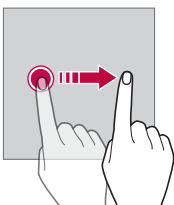
Pinching and spreading

Pinch two fingers to zoom out such as on a photo or map. To zoom in, spread your fingers apart.
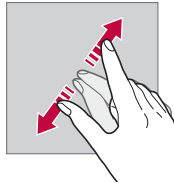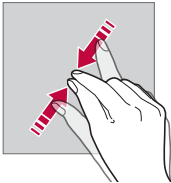
⚠ • Do not expose the touch screen to excessive physical shock. You might damage the touch sensor.

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

Home screen

Home screen overview

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

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

To search for apps installed on your device, use the **In Apps** function.

Home screen layout

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

Second screen

Status bar

Weather widget

Google search widget

Folder

Page icon

Quick access area

Home touch buttons

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

- **Second screen**: Launch apps and view urgent information without using the search on the main screen.
- **Status bar**: View status icons, the time and the battery level.

- **Weather widget**: View the information of weather and time for a specific area.

- **Google search widget**: Perform a Google search by inputting spoken or written keywords.

- **Folder**: Create folders to group apps by your preferences.

- **Page icon**: Display the total number of Home screen canvases. Tap the desired page icon to go to the page you selected. The icon reflecting the current canvas will be highlighted.

- **Quick access area**: Fix main apps at the bottom of the screen so that they can be accessed from any Home screen canvas.

- **Home touch buttons**
  - ◁ : Return to the previous screen. Close the keypad or pop-up windows.
  - ◯ : Tap to go to the Home screen. To launch Google search, touch and hold.
  - ▢ : Tap to view a list of recently used apps or run an app from the list. To delete all the recently used apps, tap **CLEAR ALL**. To use two apps at the same time with the Multi-Window feature, touch and hold the button while using an app.

Editing the Home touch buttons

You can rearrange the Home touch buttons or add frequently used functions to the Home touch buttons area.

Tap ◯ > **Settings** > **Display** > **Home touch buttons** > **Button combination** and customise the settings.

- Several functions, including QSlide, Notification panel and Capture+, are provided. A maximum of five items can be added.

Status icons

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

.ull	No signal
LTE	Data is being transmitted over the network
⏰	Alarm is set
📳	Vibrate mode is on
❽	Bluetooth is on
�û	Connected to a computer via USB
🔋	Battery level
✈	Airplane mode is on
☓	Missed calls
▼	Wi-Fi is connected
🔇	Mute mode is on
●	GPS is on
(( ))	Hotspot is on
📵	No SIM card

📝 • Some of these icons may appear differently or may not appear at all, depending on the device's status. Refer to the icons according to the actual environment in which you are using the device.

• Displayed icons may vary, depending on the area or service provider.

Notifications panel

You can open the notifications panel by dragging the status bar downward on the main screen.

- To open the quick access icons list, drag the notifications panel downwards or tap ⌄.
- To rearrange, add, or remove icons, tap **EDIT**.
- If you touch and hold the icon, the settings screen for the corresponding function appears.
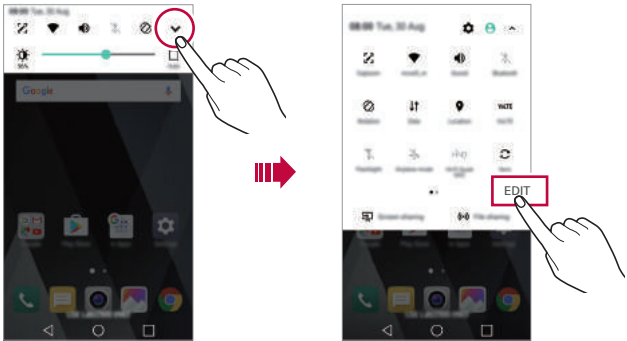
Switching the screen orientation

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

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

You can also tap ◯ > **Settings** > **Display** and activate **Auto-rotate screen**.

Editing the Home screen

On the Home screen, touch and hold on an empty space, then select the desired action from below.

- To rearrange the Home screen canvases, touch and hold on a canvas, then drag it to another location.
- To add a widget to the Home screen, touch and hold on a blank area of the Home screen, then select **Widgets**.
- To change a theme, touch and hold on a blank area of the Home screen, then select **Theme**.
  You can also tap ◯ > **Settings** > **Display** > **Theme**, then select a theme to apply to the device.
- To configure the Home screen settings, touch and hold on a blank area of the Home screen, then select **Home screen settings**. See *Home screen settings* for details.
- To view or reinstall the uninstalled apps, touch and hold on a blank area of the Home screen, then select **Uninstalled apps**. See *Uninstalled apps* for details.

Viewing the background theme

You can view only the background image by hiding the apps and widgets on the Home screen.

Spread two fingers apart on the Home screen.

• To return to the original screen, which displays apps and widgets, pinch your fingers on the Home screen or tap ◁

Moving apps on the Home screen

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

• To keep frequently used apps at the bottom of the Home screen, touch and hold an app, then drag it to the quick access area at the bottom.

• To remove an icon from the quick access area, drag the icon to the Home screen.

Using folders from the Home screen

Creating folders

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

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

Editing folders

On the Home screen, tap a folder and do one of the following actions.

• To edit the folder name and colour, tap the folder name.
• To add apps, touch and hold an app, then drag it over the folder and release it.
• To remove an app from the folder, touch and hold the app and drag it to outside the folder. If the removed app is the only one app that existed in the folder, the folder is removed automatically.
• You can also add or remove apps after tapping ╋ in the folder.

Home screen settings

You can customise Home screen settings.

1 Tap ◯ > **Settings** > **Display** > **Home screen**.
2 Customise the following settings:

• **Select Home**: Select a Home screen mode.
• **Wallpaper**: Change the Home screen background wallpaper.
• **Screen swipe effect**: Select an effect to apply when the Home screen canvas switches.
• **Sort apps by**: Set how apps are sorted on the Home screen.
• **Grid**: Change the app arrangement mode for the Home screen.
• **Hide apps**: Select which apps you want to hide from the Home screen.
• **Smart Bulletin**: Use the Home screen to view information customised to your needs.

Screen lock

Screen lock overview

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

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

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

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

Configuring screen lock settings

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

1 Tap ◯ > **Settings** > **Display** > **Lock screen** > **Select screen lock** and then select the method you prefer.

2 Customise the following settings:

• **None**: Deactivate the screen lock function.

• **Swipe**: Swipe on the screen to unlock the screen.

• **Knock Code**: Tap the spaces of the screen in accordance with a pattern to unlock the screen.

• **Pattern**: Draw a pattern to unlock the screen.

• **PIN**: Enter a numeric password to unlock the screen.

• **Password**: Enter an alphanumeric password to unlock the screen.

• **Fingerprints**: Unlock the screen by using your fingerprint.

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

Secure start-up settings

When you select Knock Code, Pattern, PIN or Password as a screen lock method, you can configure your device to be locked whenever turning on the device in order to secure your data.

- You cannot use all functions, except for emergency calls until you unlock the device.
- If you forget your decryption password, you cannot restore encrypted data and personal information.

Lock screen settings

You can customise the following lock screen settings.

1 Tap ◯ > **Settings** > **Display** > **Lock screen**.

2 Customise the following settings:
   - **Select screen lock**: Select a screen lock method.
   - **Smart Lock**: Select trusted items so that if one of them occurs, the device is automatically unlocked.
   - **Wallpaper**: Change the lock screen background wallpaper.
   - **Clock**: Select the display type of the clock to display on the locked screen.
   - **Shortcuts**: Add an app shortcut and directly access the app from the lock screen by dragging the app shortcut on the screen.
   - **Screen swipe effect**: Set screen transition effects to apply when the screen is unlocked.
   - **Weather animation**: Display weather animations for the current location on the lock screen.
   - **Contact info for lost phone**: Display emergency contact information on the lock screen.
   - **Lock timer**: Set the amount of idle time after which the device automatically locks.
   - **Power key instantly locks**: Instantly lock the screen when the Power/Lock key is pressed.

> • Available setting items may vary, depending on the selected screen lock method.

KnockON

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

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

Turning on the screen

Double-tap the middle of the screen.

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

Turning off the screen

Double-tap on an empty space on the Home screen.

You can also double-tap an empty space on the status bar.

Knock Code

You can unlock the screen by creating your own Knock Code. When the screen is locked, you can directly access the Home screen by tapping the screen in a specified sequence.

> • You can use your Knock Code together with the KnockOn feature.
> • Make sure to use your fingertip when tapping the screen.

Creating a Knock Code

1 Tap ◯ > **Settings** > **Display** > **Lock screen** > **Select screen lock** > **Knock Code**.

2 Tap the squares in a pattern of your choice to create a Knock Code and tap **NEXT**.

3 Input the created Knock Code again for verification, then tap **CONFIRM**.

Unlocking the screen with a Knock Code

Unlock the screen by inputting the Knock Code you have created.

Input your Knock Code on the touch screen when the screen is turned off.

• It is also possible to enter a Knock Code when the lock screen is turned on.

Memory card encryption

You can encrypt and protect data saved on the memory card. The encrypted data in the memory card cannot be accessed from another device.

1 Tap ◯ > **Settings** > **General** > **Fingerprints & security** > **Encrypt SD card**.

2 Read the on-screen overview of memory card encryption and then tap **CONTINUE** to continue.

3 Select an option and tap **ENCRYPT NOW**.

• **New data encryption**: Encrypt only data that is saved on the memory card after encryption.

• **Full encryption**: Encrypt all the data currently saved on the memory card.

• **Exclude media files**: Encrypt all files, except for media files such as music, photos and videos.

- • To encrypt the memory card, make sure that a screen lock is set using a PIN or password.
- • Once memory card encryption starts, some functions are not available.
- • If the device is turned off while encryption is underway, the encryption process will fail, and some data may be damaged. Therefore, be sure to check if the battery level is sufficient before starting encryption.
- • Encrypted files are accessible only from the device where the files were encrypted.
- • The encrypted memory card cannot be used on another LG device. To use the encrypted memory card on another mobile device, format the card.
- • You can activate memory card encryption even when no memory card is installed into the device. Any memory card that is installed after encryption will automatically be encrypted.

Taking screenshots

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

Via a shortcut

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

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

Via Capture+

On the screen where you want to take a screenshot, drag the status bar downwards, then tap .

- • When the screen is turned off or locked, you can access **Capture+** by pressing the Volume Up (+) key twice. To use this feature, tap ◯ > **Settings** > **General** and turn on **Shortcut keys**.
- • See *Writing notes on a screenshot* for details.

Entering text

Using the Smart keyboard

You can use the Smart keyboard to enter and edit text.

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

Moving the cursor

With the Smart keyboard, you can move the cursor to the exact position you want. When typing text, touch and hold on the space bar and then drag left or right.
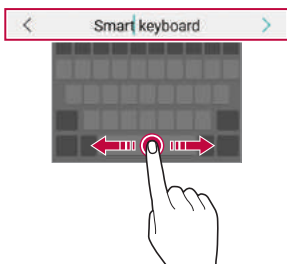
🗐 • This option is available only on the QWERTY keyboard.

Suggesting words

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

Enter text, then tap a suggested word or gently drag the left or right side of the space bar upwards.

• The selected word is automatically entered. You do not need to manually type every letter of the word.
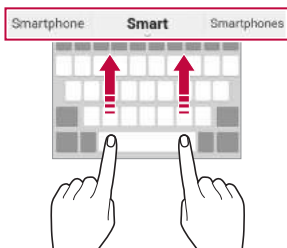
Changing the QWERTY keyboard layout

You can add, delete or rearrange keys on the bottom row of the keyboard.

1 Tap ◯ > **Settings** > **General** > **Language & keyboard** > **LG Keyboard** > **Keyboard height and layout** > **QWERTY layout**.
   You can also tap ⚙ on the keyboard and tap **Keyboard height and layout** > **QWERTY layout**.

2 Tap a key on the bottom row, then drag it to another position.

Customising the keyboard height

You can customise the keyboard height to maximise hand comfort when typing.

1 Tap ◯ > **Settings** > **General** > **Language & keyboard** > **LG Keyboard** > **Keyboard height and layout** > **Keyboard height**.
   You can also tap ⚙ on the keyboard and tap **Keyboard height and layout** > **Keyboard height**.

2 Adjust the keyboard height.
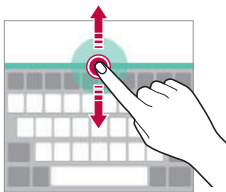
Selecting a landscape keyboard mode

You can select a landscape keyboard mode from several choices.

1 Tap ◯ > **Settings** > **General** > **Language & keyboard** > **LG Keyboard** > **Keyboard height and layout** > **Keyboard type in landscape**.
   You can also tap ⚙ on the keyboard and tap **Keyboard height and layout** > **Keyboard type in landscape**.

2 Select a keyboard mode.

Splitting the keyboard

You can split the keyboard in half and place each piece on either side of the screen when the screen is in landscape mode.

Tap ○ > **Settings** > **General** > **Language & keyboard** > **LG Keyboard** > **Keyboard height and layout** > **Split keyboard**.

You can also tap ⚙ on the keyboard and tap **Keyboard height and layout** > **Split keyboard**.

> • Rotate the device to landscape mode to split the keyboard to both sides. To merge or split the keyboard, pinch together or spread apart your fingers on the keyboard.
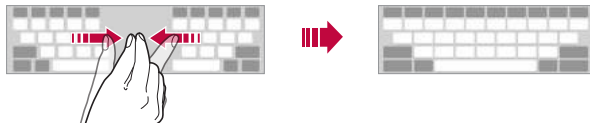
One-handed operation mode

You can move the keyboard to one side of the screen so that you can use the keyboard with one hand.

1 Tap ○ > **Settings** > **General** > **Language & keyboard** > **LG Keyboard** > **Keyboard height and layout** > **One-handed operation**.
   You can also tap ⚙ on the keyboard and tap **Keyboard height and layout** > **One-handed operation**.

2 Press the arrow displayed next to the keyboard to move the keyboard in the direction you want.
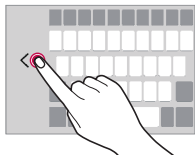
Entering text by using voice

On the keyboard, touch and hold 🔅 and then select 🎤.

> 🖹 • To maximise the voice command recognition, speak clearly.
>   • To enter text with your voice, make sure that your device is connected to a network.
>   • To select the language for voice recognition, tap 🔧 > **Languages** on the voice recognition screen.
>   • This function may be not supported, or the supported languages may differ depending on the service area.

Adding languages to the keyboard

You can make additional languages available for keyboard input.

1 Tap ◯ > **Settings** > **General** > **Language & keyboard** > **LG Keyboard** > **Select languages**.

2 Select the languages you want to make available.

Copy and Paste

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

1 Touch and hold around the text you want to copy or cut.

2 Drag ◖ / ◗ to specify the area to copy or cut.

3 Select either **CUT** or **COPY**.
   • Cut or copied text is automatically added to the clipboard.

4 Touch and hold the text input window, then select **PASTE**.

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

Clip Tray

If you copy or cut an image or text, it is automatically saved to the clip tray and can be pasted to any space at any time.

1 On the keyboard, touch and hold ⚙ and select ▣.
   You can also touch and hold the text input window, then select **CLIP TRAY**.

2 Select and paste an item from the clip tray.
   • A maximum of 20 items can be saved to the clip tray.
   • Tap ⏻ to lock saved items in order not to delete them, even when the maximum quantity is exceeded. A maximum of ten items can be locked. To delete locked items, unlock them first.
   • Tap 🗑 to delete the items saved to the clip tray.

📝 • The clip tray may not be supported by some downloaded apps.

Content sharing

Playing content from another device

You can play photos, videos or songs saved on your device from a TV.

1 Connect the TV and your device to the same Wi-Fi network.

2 While viewing the items from the **Gallery** or **Music** app, tap ⋮ > **Play on other device**.

3 Select the TV you want to connect to.

📝 • For use with Chromecast, Google Play services should be up to date.

Viewing content from nearby devices

You can view content from various devices, such as a computer, NAS or mobile device, by using the **Gallery** or **Music** apps.

Connecting the devices

Connect both your device and another device that support DLNA function to the same wireless network.

目 • Make sure that File sharing (DLNA) is activated on both the device and the connected device.

Searching for nearby devices

You can view a list of DLNA devices on the same network by selecting the **Nearby devices** menu in each app.

Use content from nearby devices as if you were using it on your device.

Sending or receiving files

You can share files between your device and another LG device, or a tablet or computer.

Sending files

From the **Gallery**, **File Manager** or **Music** app, tap ⋮ > **Share** or ⤴ then select a device on the file sharing list.

Receiving files

Drag the status bar downward and tap ∨, then tap **File sharing**.

If your device does not support the file sharing feature, tap ◯ > **Settings** > **Networks** > **Share & connect** > **File sharing** > **SmartShare Beam** ⬤.

目 • Make sure that your device is connected to the same wireless network as the file transfer target device.
  • Make sure that File sharing is activated on both the device and the target device.

Sending files to a computer

You can quickly send large files to your computer.

1 Install LG Bridge on your computer.

2 Start LG Bridge on the computer, then sign in using your LG account.

3 Tap ◯ > **Settings** > **Networks** > **Share & connect** > **LG AirDrive**, then sign in using your LG account.

▤ • You can download LG Bridge from the LG Mobile website (*www.lg.com*).

Viewing content from your cloud

You can directly view the content saved on your cloud account, without downloading it to your device.

1 From the **Gallery**, **Music** or **File Manager** app, select ☰ > **Cloud**.

2 Select a cloud account and sign in.

3 Save or play content in your cloud.

Do not disturb

You can limit or mute notifications to avoid disturbances for a specific period of time.

1 Tap ◯ > **Settings** > **Sound & notification** > **Do not disturb** and then drag ◯ to activate it.

2 Tap **Sounds and vibrations** and select the mode you want:
   • **Priority only**: Receive sound or vibrate notifications for the selected apps. Even when **Priority only** is turned on, alarms still sound.
   • **Total silence**: Disable both the sound and vibration.

03

Useful Apps

Installing and uninstalling apps

Installing apps

Access an app store to search and download apps.

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

☐ • Some app stores may require you to create an account and sign in.
• Some apps may charge fees.
• If you use mobile data, you may be charged for data usage, depending on your pricing plan.
• **SmartWorld** may not be supported depending on the area or service provider.

Uninstalling apps

Uninstall apps that you no longer use from your device.

Uninstalling with the touch and hold gesture

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

You can also touch and hold the app, then tap an app or widget that ⊗ is attached to uninstall.

• If apps were uninstalled within 24 hours from now, you can reinstall them. See _Uninstalled apps_ for details.

Uninstalling by using the settings menu

Tap ◯ > **Settings** > **General** > **Apps**, select an app, then tap **Uninstall**.

Uninstalling apps from the app store

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

🗐 • Some apps cannot be uninstalled by users.

Uninstalled apps

You can view the uninstalled apps on the Home screen. You can also reinstall apps which were uninstalled within 24 hours from now.

1 Tap ◯ > **Uninstalled apps**.

2 Activate the desired function:
   • **Reinstall**: Reinstall the selected app.
   • 🔟 : Remove the uninstalled apps permanently from the device.

🗐 • Uninstalled apps are automatically removed from the device 24 hours after they were uninstalled. If you want to reinstall the uninstalled apps, you must download them again from the app store.

   • This feature is activated on the default Home screen only. If you uninstall apps while using the EasyHome screen or other launcher, they are immediately and permanently removed from the device.

Phone

Voice call

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

Making a call from the keypad

1 Tap ◯ > 📞 > **Dial**.
2 Make a call by using a method of your choice:
   - Enter a phone number and tap 📞.
   - Touch and hold a speed dial number.
   - Search for a contact by tapping the initial letter of a contact name in the contact list, and then tap 📞.

> - To enter "+" when making an international call, touch and hold number 0.
> - See *Adding contacts* for details on how to add phone numbers to the speed dial list.

Making a call from the contact list

1 Tap ◯ > 📞 > **Contacts**.
2 From the contact list, select a contact and tap 📞.

Answering a call

To answer a call, drag ◐ to the outside of the circle on the incoming call screen.

- When the stereo headset is connected, you can make calls by using the call/end button on the headset.
- To end a call simply by pressing the Power/Lock key, tap ◯ > **Settings** > **Networks** > **Call** > **Answer and end calls**, then turn on **End calls with the Power key**.

Rejecting a call

To reject an incoming call, drag ◐ across the incoming call screen.

- To send a rejection message, drag the rejection message option ⊚ across the screen.
- To add or edit a rejection message, tap ◯ > **Settings** > **Networks** > **Call** > **Call blocking & Decline with message** > **Decline with message**.
- When a call is coming in, press the Volume Up (+), Volume Down (-) or Power/Lock key to mute ringtone or vibration, or to hold the call.

Viewing missed calls

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

To view missed call details, drag the status bar downwards. You can also tap ◯ > ◐ > **Call logs**.

Functions accessible during a call

During a call, you can access a variety of functions by tapping on-screen buttons:

- **Contacts**: View the contact list during a call.
- **End**: End a call.
- **Dialpad**: Display or hide the dial pad.
- **Speaker**: Turn on the speakerphone function.
- **Mute**: Mute your voice so that your voice cannot be heard by the other party.
- **Bluetooth**: Switch the call to a Bluetooth device that is paired and connected.
- **:** : Access additional call options.

> • Available settings items may vary depending on the area or service provider.

Making a three-way calling

You can make a call to another contact during a call.

1 During a call, tap **:** > **Add call**.

2 Enter a phone number and tap .
   - The two calls are displayed on the screen at the same time, and the first call is put on hold.

3 To start a conference call, tap **Merge calls**.

> • You may be charged a fee for each call. Consult with your service provider for more information.

Viewing call records

To view recent call records, tap ○ > 📞 > **Call logs**. Then, you can use the following functions:

- To view detailed call records, select a contact. To make a call to the selected contact, tap 📞.
- To delete call records, tap ⋮ > **Delete**.

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

Configuring call options

You can configure various call options.

1 Tap ○ > 📞 > **Dial** or **Call logs**.

2 Tap ⋮ > **Call settings** and then configure the options to suit your preferences.

Messaging

Sending a message

You can create and send messages to your contacts using the Messaging app.

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

1 Tap ◯ > 🔲.
2 Tap ➕.
3 Specify a recipient and create a message.
   • To attach files, tap ⊜.
   • To access optional menu items, tap ⋮.
4 Tap **Send** to send the message.

Reading a message

You can view exchanged messages organised by contact.

1 Tap ◯ > 🔲.
2 Select a contact from the message list.

Configuring messaging settings

You can change messaging settings to suit your preferences.

1 Tap ◯ > 🔲.
2 Tap ⋮ > **Settings** from the message list.

Camera

Starting the camera

You can take a photo or record a video to cherish all of your memorable moments.

Tap ◯ > 📷.

> 🗐 • Before taking a photo or recording a video, wipe the camera lens with a soft cloth.
>
> • Be careful not to stain the camera lens with your fingers or other foreign substance.
>
> • If the battery level is lower than 5%, charge the battery before using the camera.
>
> • Images included in this user guide may be different from the actual device.
>
> • Photos and videos can be viewed or edited from the **Gallery**. See *Gallery overview* for details.

Changing the camera mode

You can select a camera mode that suits your environment to take a photo or record a video easily and conveniently.

Launch the Camera app, then select the desired camera mode from the Second screen.

AUTO mode

You can take photos or record videos by selecting a variety of camera modes and options.

1 Launch the Camera app, then select the **AUTO** mode from the Second screen.

2 To take a photo, tap ⬙. To record a video, tap ⬚.

Switch between the wide-angle camera and standard camera.

Turn the flash on or off.

Switch between front and rear cameras.

Apply a film filter effect.

Select a camera mode.

Change the camera options.

Select an app to share photos and videos.

Start the Gallery.

Record videos.

Take photos.

Back to the previous screen.
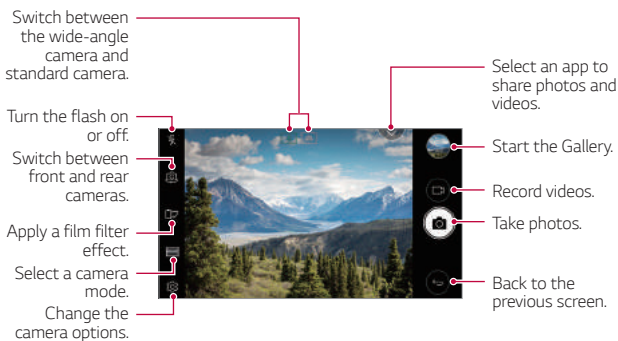
Taking a photo

1 Select a camera mode and tap the subject to focus the camera on.

2 Tap ⬙ to take a photo.

   • You can also press the Volume Down (-) or Volume Up (+) key to take a photo.

▤ • When the screen is turned off or locked, start the camera by pressing the Volume Down (-) key twice. Tap ◯ > **Settings** > **General** > **Shortcut keys** and turn on the **Quick shot** feature.

Recording a video

1 Select a camera mode and tap the subject to focus the camera on.

2 Tap ⬜ᴵ.
   - To take a photo while recording a video, tap ⓞ.
   - To pause the video recording, tap ‖. To resume the video recording, tap ●.

3 Tap ⬜ to end the video recording.

Customising the camera options

You can customise a variety of camera options to suit your preferences.

Tap ⚙ on the screen.

> 🗐 • Available options vary depending on the selected camera (front or rear camera) and the selected camera mode.

Photo size	Select values for aspect ratio and size for taking photos.
Video resolution	Select values for resolution and size for recording videos.
HDR	Obtain photos or videos in vivid colours, and get compensated effects even when they are taken against the light. These functions are provided by the high dynamic range (HDR) technology equipped in the camera of the device.
Timer	Set the timer to automatically take photos after a specified period of time.
Cheese shutter	Take photos with voice commands.

Tracking focus	When the subject is touched, the video is recorded tracking the focus even if the subject is moving. (Available when the standard camera is in use.)
Steady recording	Activate the Steady recording for a stable video image.
Tag locations	Save the image with GPS location data.
Grid	Display guide grids to so that you can take photos or record videos based on the horizontal and vertical reference lines.
Storage	Select any of Internal storage and SD card. (Available when the memory card is inserted.)
Simple view	Hide all menus from the camera screen.
Help	Provide Help for each camera menu.

Additional options on the front camera

Selfie shot	Customise selfie shot settings. • Gesture shot: Shoot using the Gesture shot feature. • Auto shot: Shoot when the camera detects a face.
Gesture view	Choose whether to use Gesture view to view the taken photo immediately after taking a photo.
Save as flipped	Save as flipped images after taking selfies.

Various camera modes

Popout

You can take a photo or record a video by using both the standard and wide-angle of the dual camera at the back of the device to record the scenes as if they were put in the frame. The scenes shown in the small, front screen are shot by using the standard camera, and the scenes shown in the large, background screen are shot by using the wide-angle camera. Change the front screen to a different shape or apply various effects to take a sensuous photo or video.

1 In the AUTO mode, tap **MODE** > ▭.

2 Tap ⌄ and select the desired layout.

3 Select the desired effect:
   • **Fisheye**: Apply a convex lens effect to the area captured by the wide-angle camera.
   • **B&W**: Apply grayscale to the area captured by the wide-angle camera.
   • **Vignette**: Darken the edges of the area captured by the wide-angle camera.
   • **Lens blur**: Blur the area captured by the wide-angle camera.

4 Tap ⒪ to take a photo. To record a video, tap ⎙.

Multi-view

You can take multiple photos or videos in the form of a collage by using the front and rear cameras. Photos and videos can be saved with different layouts.

1 In the AUTO mode, tap **MODE** > ☐.

2 Tap ∨ and select a layout.

3 Tap ⓞ to take photos, according to the on-screen instructions. To record a video, tap ▢.

   • To switch between front and rear (standard or wide-angle) cameras, drag up or down, or left or right.

   • Tap ⊕ / ⊕ to take photos or record videos simultaneously or sequentially depending on the displayed layout order.

   • When ⊕ is selected, you can take photos or record videos sequentially in the numerical order on the layout.

     - Tap ⓞ to take a photo. Tap ▢ to record a short video clip.

     - To take continuous shots of photos or videos at specific intervals, touch and hold ⓞ or ▢.

   • When ⊕ is selected, you can take photos or videos at the same time regardless the layout order.

Snap

You can record short videos clips and assemble them into a 60-second short film.

1 In the AUTO mode, tap **MODE** > ⊡.

2 Tap ▪.

   • Tap the icon once to record a three-second video clip. Touch and hold the icon to create a longer video clip (maximum length: one minute).

Select Multi-view
layout.

Preview the
selected clip.

Timeline.

Play all the clips.

Delete the
selected clip.

Save the video.

Delete all the clips.

3 Tap **SAVE**.

Panorama

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

1 In the AUTO mode, tap **MODE** ▷ ⬚.

2 Tap ⬚ and then slowly move the camera in one direction.
   • Move the device by following the direction of the arrow in the guideline.

3 Tap ⬚ to stop capturing the panoramic.

Slo-mo

You can create an entertaining video by changing the moving speeds of subjects in your video. This feature allows you to record a video at a faster rate of speed and then play it at the standard speed so that the video appears to be slowed down.

1 In the AUTO mode, tap **MODE** > ⓒ.

2 Tap ▄▄ and record a video.

3 Tap ☐ to end the video recording.

Time-lapse

You can take a sequence of frames at set intervals to record changes that take place slowly over time, such as cloud movements, celestial motions, traffic, and more.

1 In the AUTO mode, tap **MODE** > ⓒ.

2 Tap ▄▄ and record a video.

3 Tap ☐ to end the video recording.

冃 • While recording a Time-lapse video, voices are not recorded.

Burst shot

You can take continuous shots of photos to create moving pictures.

In the AUTO mode, touch and hold ⓞ.

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

☐ • When the storage is set as Internal storage, you can take up to 100 photos. When the storage is set as External storage, you can take up to 30 photos in a row.

Simple view

In the AUTO mode, tap ⚙ > **Simple view** to hide menus on the camera screen. Tap ⟶ to display them.

MANUAL mode

You can create photos featuring professional touch by using a variety of advanced features. Adjust the white balance, focus, brightness, ISO, shutter speed and other options.

1 Launch the Camera app, then select **MANUAL** (ⓞ) on the Second screen.

2 Customise the following camera settings.

Adjust white balance.

Adjust focus.

Adjust brightness.

Adjust exposure level.

Adjust shutter speed.

Adjust ISO speed.

3 Tap ⓞ to take the photo.

Customising the camera options

You can customise a variety of camera options to suit your preferences.

Tap ⚙ on the screen.

Photo size	Select values for aspect ratio and size for taking photos.
Timer	Set the timer to automatically take photos after a specified period of time.
Cheese shutter	Take photos with voice commands.
Tracking focus	When the subject is touched, the photo is taken tracking the focus even if the subject is moving. (Available when the standard camera is in use.)
Tag locations	Save the image with GPS location data.
Guide	Display guide grids to so that you can take photos based on the horizontal and vertical reference lines.

Save as RAW	The image is stored as a RAW file format so that you can modify it. The DNG file is created while taking a photo, then saved as a non compressed high resolution image.
Storage	Select any of Internal storage and SD card. (Available when the memory card is inserted.)
Help	Provide Help for each camera menu.

MANUAL video mode

You can record a video by manually customising various options. Adjust values for white balance, focus, brightness, ISO, shutter speed and more.

1　Launch the Camera app, then select **MANUAL** ( ) on the Second screen.

2　Customise the camera settings.

3　Tap to record a video.

Customising the camera options

You can customise a variety of camera options to suit your preferences.

Tap {ŏ} on the screen.

Video resolution	Select values for aspect ratio and size for videos.
Frame rate	Select the frames per second value.
Bit rate	Select the image quality for videos.
Hi-Fi	Record a video with Hi-Fi quality sound.
Timer	Set the timer to automatically take photos after a specified period of time.
Steady recording	Activate the Steady recording for a stable video image.
Tracking focus	When the subject is touched, the video is recorded tracking the focus even if the subject is moving. (Available when the standard camera is in use.)
Tag locations	Save the image with GPS location data.
Grid	Display guide grids to so that you can record videos based on the horizontal and vertical reference lines.
Storage	Select any of Internal storage and SD card.
Help	Provide Help for each camera menu.

Other useful features in the Camera app

Zoom lever

You can control the zoom on the Second screen while recording a video.

AE/AF lock

You can fix the current exposure level and focus position by touching and holding the screen in the AUTO mode. To turn off the feature, tap a blank area on the screen.

Focus peaking

1 In the MANUAL camera or MANUAL video mode, tap **FOCUS**.

2 Use the focus peaking control slide bar on the right of the screen to bring the subject into focus.

• To turn off the feature, tap **Focus peaking**.

Switching between cameras

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

On the camera screen, tap 🔄 or drag the screen in any direction to switch between the front and rear cameras.

📋 • Use the front camera to take selfies. See *Selfie shot* for details.

Switching to dual camera

Switch between the standard and wide-angle to take photos or record videos to suit your preferences.

• Tap 🔲 / 🔲 or 🔲 / 🔲 to switch between the standard and wide-angle camera.
• Another way to switch between the standard and wide-angle is to pinch or spread your fingers.

Zoom in or out

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

• On the camera screen, pinch or spread two fingers to zoom in or out, then use the displayed +/- slide bar.
• Then the wide-angle camera and general camera on the back of the device are automatically switched to take a photo or record a video.

◻ • The zoom feature is not available when using the front camera in selfie mode.

Selfie shot

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

Gesture shot

You can take selfies by using gestures.

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

You can also clench your fist and then open it towards the front camera.

 • In three seconds, a photo is taken.

◻ • To use this feature, switch to the front camera mode, then tap ۞ > **Selfie shot** > **Gesture shot**.

 • Make sure that your palm and fist are within the reference line so that the camera can detect them.

 • This feature may not available while using some of the camera features.

Auto shot

You can use the face detection feature to take selfies easily and conveniently. You can set the device so that, when you look at the screen, the front camera detects your face and takes a selfie automatically.

• The white coloured guide frame appears when the front camera detects your face. If the subject within the guide frame stops moving, the guide frame colour turns blue, then the camera takes a photo.

📋 • Tap ⚙️ > **Selfie shot** > **Auto shot** to enable the Auto shot feature.

Interval shot

You can take selfies at an interval.

While using the front camera, touch and hold ⚐. You can also show your palm to the camera, then clench your fist twice quickly.

• Four photos are taken at about two seconds interval after a timer delay of three seconds.

Gesture view

After taking a selfie with the front camera, you can preview the selfie immediately by placing the screen close to your face.
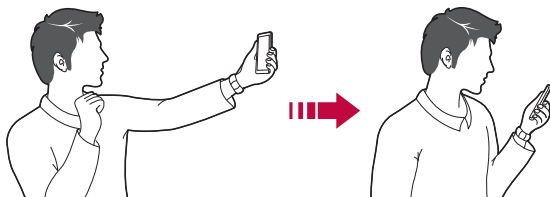
- Tap ⚙️ > **Gesture view** to enable the Gesture view feature.
  - Only one preview is available each time a photo is taken.
  - If you rotate the device while in preview screen, the screen switches to camera mode.

Save as flipped

Before taking a photo with the front camera, tap ⚙️ > **Save as flipped**. The image is flipped horizontally.

- When using the front camera, you can change how selfies are taken in the camera options. See *Customising the camera options* for details.

Gallery

Gallery overview

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

1 Tap ◯ > 🖼️.
   • Saved photos and videos are displayed by folder.

2 Tap a folder and select a file.
   • View the selected file in full-screen mode.
   • While viewing a photo, swipe left or right to view the previous or next photo.
   • While viewing a video, swipe left or right to rewind or fast-forward the video.

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

Viewing photos

Back to the previous screen.

Add to or remove from your favourites.

Access additional options.

Delete images.

Share images.

Start the camera.

Edit images.

📋 • To display the menu items, gently tap the screen. To hide the menu items, tap the screen again.

Editing photos

1   While viewing a photo, tap ✐.

2   Use a variety of effects and tools to edit the photo.

3   Tap ✓ to apply changes.

4   Tap **SAVE** to save changes.

- The changes are overwritten to the original file.

- To save the edited photo as another file, tap ⋮ > **Save copy**.

Playing a video

Open with QSlide.

Edit the video.

Access additional options.

Add to or remove from your favourites.

Adjust the sound volume.

Rewind the video.

Lock or unlock the screen.

Fast-forward the video.

Pause or play the video.

- To adjust the sound volume, drag the right side of the video screen up or down.

- To adjust the screen brightness, drag the left side of the video screen up or down.

Editing videos

1 While viewing a video, tap ⟋ .

2 Use a variety of effects and edit tools to edit the video.

Automatically create a 15-sec, 30-sec or 60-sec video clip.

Apply effects.

Select a section to change the play speed.

Adjust the video duration.
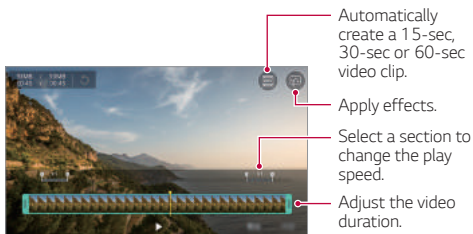
3 Tap **SAVE** to save changes.

Deleting files

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

- Touch and hold a file from the file list, then tap **Delete**.
- Tap 🗑 from the file list and delete the desired files.
- Deleted files are automatically moved to **Trash** and they can be restored to the Gallery within 7 days.
- On the Gallery, tap ☰ > **Trash**. Tap ⨯ to completely delete the files. In this case, the files cannot be restored.

Sharing files

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

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

Music

You can play and manage songs or music albums.

1 Tap ◯ > **Music**.

2 Select a category.

3 Select a music file.

Switch to the playlist.

Search for music files.

Back to the previous screen.

Access additional options.

Add or delete favourites.

Play in random order.

Select a repeat mode.

Adjust the sound volume.

Set sound effects.

Tap to play from the beginning of the current file / Double-tap to play the previous file / Touch and hold to rewind.

Tap to play the next file / Touch and hold to fast forward.

Pause or play.

> • Some file formats may not be supported, depending on the installed software.
>
> • Files that exceed the size limit may cause an error.
>
> • Music files may be protected by international copyright owners or copyright laws. You may have to obtain legal permission before copying a music file. To download or copy a music file, first check the copyright law for the relevant country.
>
> • This model supports Hi-Fi audio playback. Hi-Fi audio files display the Hi-Fi icon.

E-mail

E-mail overview

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

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

Registering email accounts

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

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

Managing email accounts

To view or edit your email account settings, tap ⋮ > **Settings**.
• To add an account, tap **Add account**.
• To delete an account, tap ⋮ > **Remove account**.

Opening another email account

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

Checking email

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

Sending email

1 Tap ➕.
2 Enter the recipient's email address.
3 Enter a subject and message.
   • To attach files, tap ⬡.
   • To access optional menu items, tap ⋮.
4 Tap ▷ to send the email.

Calendar

Calendar overview

You can use the calendar to manage events and tasks.

Adding events

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

Syncing events

Tap ⋮ > **Calendars to sync**, and select a calendar to sync.

> 🗐 • When your events are saved from the device to your Google account, they are automatically synced with the Google calendar, too. Then, you can sync other devices with the Google calendar in order to make those devices have the same events that your device has and to manage your events on those devices.

Event pocket

You can use the event pocket to create events.

Tap 🖂 to open the event pocket and then drag content to a date in the calendar.

• 🗐 : Manage images, text, memos and temporarily saved events. You can also share text, images and memos from another app and save them to the pocket. If you tap **POCKET** when creating an event, the event is temporarily saved to the pocket.

• ⓕ : Add a Facebook account to view information on Facebook events. Some devices may not support the Facebook event information function.

• ⓞ : View tourism information about the surrounding area, such as restaurants and convenient facilities, to plan an event.

• ⓢ : Manage tasks that have no deadline, such as events.

QuickMemo+

QuickMemo+ overview

You can make creative notes by using a variety of options on this advanced notepad feature, such as image management and screenshots, which are not supported by the conventional notepad.

Creating a note

1 Tap ◯ > **QuickMemo+**.

2 Tap ➕ to create a note.
   - ✓ : Save a note.
   - ↩ : Undo the last action.
   - ↪ : Redo the last action you undid.
   - T : Enter a note by using the keypad.
   - ✏ : Write notes by hand.
   - ◇ : Erase handwritten notes.
   - ⬭ : Zoom in or out, rotate or erase the parts of a handwritten note.
   - ⋮ : Access additional options, including sharing and locking notes, changing the note pad style and inserting content.

3 Tap ✓ to save the note.

Writing notes on a photo

1 Tap ◯ > **QuickMemo+**.

2 Tap 🖾 to take a photo, then tap **OK**.
   • The photo is automatically attached into the notepad.

3 Tap T or ✐ to write notes on the photo.
   • Write notes by hand on the photo.
   • Enter text below the photo.

4 Tap ✓ to save the note.

Writing notes on a screenshot

1 While viewing the screen you want to capture, drag the status bar downwards and then tap 🖾.
   • The screenshot appears as the notepad background theme. Memo tools appear at the top of the screen.

2 Take notes as desired.
   • Write notes by hand on the photo.

3 Tap ✓ and save the notes to the location you want.
   • Saved notes can be viewed in either **QuickMemo+** or **Gallery**.
   • To save notes in the same location all the time, select the **Use as default app** checkbox and select an app.

Managing folders

You can view notes grouped by the type of the notes.

1 Tap ○ > **QuickMemo+**.

2 At the top of the screen, tap ≡ and select a menu item:
   • **All memos**: View all notes saved in **QuickMemo+**.
   • **My memos**: View notes created by **QuickMemo+**.
   • **Photo memos**: View notes created by ⌾.
   • **Capture+**: View notes created by **Capture+**.
   • **Trash**: View deleted notes.
   • **New category**: Add categories.
   • ⚙ : Rearrange, add or delete categories. To change the name of a category, tap the category.

> 🗐 • Some folders do not appear when launching QuickMemo+ for the first time. Disabled folders are enabled and appear when they contain at least one related note.

Calculator

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

1 Tap ○ > **Tools** > **Calculator**.

2 Use the keypad to make a calculation.
   • To use scientific calculator, drag the green coloured slide bar located in the right side of the screen to the left.
   • To restart a calculation, touch and hold the **DEL** button.

Clock

Alarm

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

1 Tap ◯ > **Clock** > **Alarm**.
2 Tap ➕ to add a new alarm.
3 Configure the alarm settings and tap **SAVE**.

> • If you select a previously set alarm, you can edit the alarm.
> • To delete an alarm, tap 🔟 at the top of the screen. You can also touch and hold the alarm.

World clock

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

1 Tap ◯ > **Clock** > **World clock**.
2 Tap ➕ and add a city.

Timer

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

1 Tap ◯ > **Clock** > **Timer**.
2 Set the time and tap **Start**.
   • To suspend the timer, tap **Pause**. To resume the timer, tap **Resume**.
   • To reset the timer settings, tap **Reset**.
3 Tap **Stop** to stop the timer alarm.

Stopwatch

You can use the stopwatch to record a lap time.

1 Tap ○ > **Clock** > **Stopwatch**.
2 Tap **Start** to initiate the stopwatch.
    • To record a lap time, tap **Lap**.
3 Tap **Pause** to suspend the stopwatch.
    • To resume the stopwatch, tap **Resume**.
    • To clear all the records and newly start the stopwatch, tap **Reset**.

Downloads

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

File Manager

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

1 Tap ○ > **Tools** > **File Manager**.
2 Tap ≡ and select the desired storage location.

FM Radio

You can listen to FM radio.
Tap ○ > **Tools** > **FM Radio**.

> 📄 • To use this app, first connect earphones to the device. The earphones function as the radio antenna.
>
>   • This function may not be supported depending on the area.

Contacts

Contacts overview

You can save and manage contacts.

Tap ◯ > **LG** > **Contacts**.

Adding contacts

Adding new contacts

1 On the contact list screen, tap ╋.

2 Enter contact details and tap **SAVE**.

Importing contacts

You can import contacts from another storage device.

1 On the contact list screen, tap ⋮ > **Manage contacts** > **Import**.

2 Select the source and target locations of the contact you want to import, and then tap **OK**.

3 Select the contacts and tap **IMPORT**.

Adding contacts to the speed dial list

1 On the contact list screen, tap ⋮ > **Speed dial**.

2 Tap **Add contact** from a speed dial number.

3 Select a contact.

Searching for contacts

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

• On the contact list screen, enter a contact name in the search box.

• Scroll the contact list up or down.

• From the index of the contact list screen, tap the initial letter of a contact.

Contacts list

Editing contacts

1 On the contact list screen, select a contact.

2 On the contact detail screen, tap ⌀ and edit details.

3 Tap **SAVE** to save changes.

Deleting contacts

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

• On the contact list screen, touch and hold a contact you want to delete, then tap **Delete contact**.

• Tap ⋮ > **Delete** on the contact list screen.

Adding favourites

You can register frequently used contacts as favourites.

1 On the contact list screen, select a contact.

2 On the contact detail screen, tap ☆.

Creating groups

1 On the contact list screen, tap **Groups** > ⋮ > **New group**.

2 Enter a new group name.

3 Tap **Add members**, select contacts, then tap **ADD**.

4 Tap **SAVE** to save the new group.

LG Health

LG Health overview

You can manage your health and maintain good exercise habits by keeping track of the exercises you do.

Getting started with LG Health

You can configure LG Health when launching the app for the first time or after resetting it.

1 Tap ◯ > **LG** > **LG Health**.

2 Follow the on-screen instructions to complete configuration.

Using LG Health

You can view main information on LG Health and manage the amount of physical exercise and health information.

1 Tap ◯ > **LG** > **LG Health**.

2 Do the following:
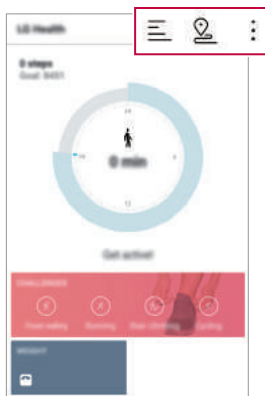
- $\equiv$: View your exercise log on the day you want to check.
- $\underline{\text{Q}}$: Begin tracking an exercise. The route and amount of your physical exercise are recorded for each exercise type.
- $\vdots$: Set your daily exercise goals including calories and steps, or set various LG Health settings.

- Health-related information provided by LG Health is designed for user convenience and cannot be used for purposes of disease prevention, treatment, diagnosis or other medical issues.

- LG Health may vary or may not be available, depending on the country and service provider. LG Health functions that are available and apps that can be added to LG Health may vary, depending on the country. This is due to differing laws and regulations.

QuickRemote

QuickRemote overview

You can control many electronic devices in different locations by using your device as a remote control.

- This feature uses infrared (IR) signals and operates very similar to a remote control. When using QuickRemote, keep the IR sensor at the top right of the device uncovered.

- This feature may vary or may not be supported, depending on the area, service provider, or device manufacturer.

Registering a device for remote control

You can register a device you want to control remotely with your device.

1   Tap ◯ > **LG** > **QuickRemote**.

2   Tap ☰ to specify locations where you want to use the remote control.

3   Tap ＋ and select the type and manufacturer of the device you want to remotely control.

4   Follow the on-screen instructions to make sure that the QuickRemote feature works properly on the device.

Creating a universal remote control

When the device you want to control with your device does not exist in the list, you can create a customised universal remote control by arranging your frequently used buttons according to your preferences.

1   Tap ◯ > **LG** > **QuickRemote**.

2   Tap ☰ to specify locations where you want to use the remote control.

3   Tap ＋ > **Universal remote**.

4   Enter a remote control name and tap **OK**.

5   Touch and hold the button you want, then drag it to the position you want.

6   Tap **NEXT**.

7   Follow the on-screen instructions to register the buttons, then tap **SAVE**.

LG SmartWorld

You can download a variety of games, audio content, apps and fonts provided by LG Electronics. Customise your device to suit your preferences by using Home themes and fonts.

> • If you use mobile data, you may be charged for data usage depending on your pricing plan.
> • This feature may not be supported depending on the area or service provider.

1 Tap ◯ > **LG** > **SmartWorld**.

2 Tap ⋮ > **LG Account**, then sign in.

3 Select and download content items.

Downloading SmartWorld app

If **SmartWorld** app is not installed, follow these steps to download it.

1 Tap ◯ > **Settings** > **General** > **About phone** > **Update Center** > **App Updates**.

2 From the list, select **SmartWorld** and tap **Download**.

Tasks

You can register tasks to your device to easily manage schedules.

1 Tap ◯ > **LG** > **Tasks**.

2 Tap ➕ to add a task.

3 Enter task details and then tap **SAVE**.

LG Friends Manager

You can connect to LG Friends devices and manage them with ease.

LG Backup

You can back up, restore and move the data saved on your device.

1 Tap ◯ > **Management** > **LG Backup**.
   You can also tap ◯ > **Settings** > **General** > **Backup & reset** > **LG
   Backup**.

2 Follow the on-screen instructions to select whether to back up data
   in the preset backup folder on the device or to copy data to other
   devices.

⚠️ • Resetting your device may delete backup files saved in internal storage.
     To minimise data loss, copy important backup files from the LG Backup
     folder in the internal storage to a computer or external storage.

🗐 • Data in a Google account will not be backed up. When you synchronise
     your Google account, Google apps, Google contacts, Google calendar,
     Google memo app data and apps downloaded from Play store are
     stored on the Drive app automatically.
   • Backup files are saved with the file extension *.lbf under the LG Backup
     folder on the memory card or internal storage.
   • Fully charge the battery before backing up or restoring data to avoid
     unintentional powering off during the process.

RemoteCall Service

Your device can be remotely diagnosed for resolving issues. First, make a
phone call to an LG Customer Service Centre as follows:

🗐 • To use this function, first you must agree to usage of the function.
   • If you use mobile data, you may be charged for data usage depending
     on your pricing plan.

1 Tap ○ > **Management** > **RemoteCall Service**.

2 Connect a call to an LG Customer Service Centre.

3 After the call connects, follow the service associate's instructions to enter a six-digit access number.

   • Your device is remotely connected and the remote support service starts.

Evernote

You can write and collect important information and then share them with other devices that support **Evernote**.

Tap ○ > **Recommended** > **Evernote**.

Facebook

You can use a social networking service to update, view and share posts, photos and videos with your online contacts.

Tap ○ > **Recommended** > **Facebook**.

Instagram

Use a social networking service to capture and share your photos and videos. You can also apply filter effects to make your photos and videos more creative and interesting.

Tap ○ > **Recommended** > **Instagram**.

Chrome

Sign in to Chrome and import opened tabs, bookmarks and address bar data from a computer to your device.

Google apps

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

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

Docs

Create documents or edit documents created online or from another device. Share and edit documents together with others.

Drive

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

Gmail

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

Google

Use the Google to search for web pages, images, news and more by entering or speaking keywords.

Hangouts

Exchange messages. Make a video call with an individual or a group.

Maps

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

Photos

View or share photos or albums saved on your device.

Play Movies & TV

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

Play Music

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

Sheets

Create spreadsheets or edit spreadsheets created online or from another device. Share and edit spreadsheets together with others.

Slides

Create presentation material or edit presentation material created online or from another device. Share and edit presentation material together with others.

YouTube

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

In Apps

Use In Apps on your phone to find content: contacts, messages, videos, and more. It is also a quick way to find and start apps.

04

Phone Settings

Settings

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

Tap ◯ > **Settings**.

> 🗐 • Tap 🔍 and enter a keyword in the search box to access a setting item.
> • Tap ⦂ to change the view mode. This user guide assumes that you are using the **Tab view**.

Networks

Wi-Fi

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

Connecting to a Wi-Fi network

1 On the settings screen, tap **Networks** > **Wi-Fi**.

2 Drag ⚪ to activate it.
   • Available Wi-Fi networks appear automatically.

3 Select a network.
   • You may need to enter the network's Wi-Fi password.
   • The device skips this process for previously accessed Wi-Fi networks. If you do not want to automatically connect to a certain Wi-Fi network, touch and hold the network and then tap **Forget network**.

Wi-Fi network settings

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

• **Switch to mobile data**: If the mobile data connection function is activated but the device cannot connect to the Internet via Wi-Fi connection, the device automatically connects to the Internet via the mobile data connection.

• ⋮ : Customise Wi-Fi network settings.

Wi-Fi Direct

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

1 On the settings screen, tap **Networks** > **Wi-Fi** > ⋮ > **Advanced Wi-Fi** > **Wi-Fi Direct**.

   • Nearby devices that support Wi-Fi Direct automatically appear.

2 Select a device.

   • Connection occurs when the device accepts the connection request.

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

Bluetooth

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

Pairing with another device

1 On the settings screen, tap **Networks** > **Bluetooth**.

2 Drag ◯ to activate it.
   • Available devices appear automatically.
   • To refresh the device list, tap **SEARCH**.

冃 • Only devices set as visible are displayed on the list.

3 Select a device from the list.

4 Follow the on-screen instructions to perform authentication.

冃 • This step is skipped for previously accessed devices.

Sending data via Bluetooth

1 Select a file.
   • You can send multimedia files or contacts.

2 Tap ⤳ > **Bluetooth**.

3 Select a target device for the file.
   • The file is sent as soon as the target device accepts it.

冃 • File sharing processes may differ, depending on the file.

Mobile data

You can turn on or off mobile data. You can also manage mobile data usage.

Turning on mobile data

1 On the settings screen, tap **Networks > Mobile data**.
2 Drag ◯ to activate it.

Customising mobile data settings

1 On the settings screen, tap **Networks > Mobile data**.
2 Customise the following settings:
   • **Mobile data**: Set to use data connections on mobile networks.
   • **Limit mobile data usage**: Set a limit for mobile data usage to block mobile data if the limit is reached.
   • ⋮ : Customise mobile data settings.

Call

You can customise call settings, such as voice call and international call options.

> • Some features may not be supported depending on the area or service provider.

1 On the settings screen, tap **Networks > Call**.
2 Customise the settings.

Media server

You can share media content on your device with nearby devices that support DLNA.

1 On the settings screen, tap **Networks** > **Share & connect** > **Media server**.

2 Customise the following settings:

 • **Content sharing**: Share content on your device with nearby devices.

 • **Content to share**: Select the type of media content to share with other devices.

 • **Allowed devices**: View a list of devices permitted to access content on your device.

 • **Not-allowed devices**: View a list of devices not permitted to access content on your device.

Screen sharing

You can play the screen and sound of the device on a different device, such as a TV, that supports the Miracast function.

1 On the settings screen, tap **Networks** > **Share & connect** > **Screen sharing**.

2 Drag ⬭ to activate it.

3 Select a device from the list of nearby devices.

   • If the desired device does not appear, tap **SEARCH** to refresh the list.

   • After connecting to the device, the device displays the screen of your device.

> • Screen sharing turns off automatically if there is no sharing-compatible device in the vicinity.

LG AirDrive

You can use your LG account to manage files saved on the device from a computer. You do not need a USB connection.

1 On the settings screen, tap **Networks** > **Share & connect** > **LG AirDrive**.

2 Use a single LG account to sign in to LG Bridge on the computer and **LG AirDrive** on the device.

   • LG Bridge software can be downloaded from *www.lg.com*.

3 Manage files on the device from the computer.

Printing

You can connect your device to a Bluetooth printer and print photos or documents saved on the device.

1 On the settings screen, tap **Networks** > **Share & connect** > **Printing**.

> • If the desired printer is not in the list, install the printer driver from the app store.

2 Drag ⬤ to activate it.

3 Select a printer from the printer list screen.
   • To add a printer, tap ⋮ > **Add printer**.
   • To search for a printer name, tap ⋮ > **Search**.
   • Tap ⋮ > **Settings** from the printer list screen.

4 Select a file and tap ⋮ > **Print**.
   • The document prints.

> • If you do not have a Google account, tap **ADD ACCOUNT** to create an account.

Tethering

USB tethering

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

1 Connect your device and other devices via USB cable.

2 On the settings screen, tap **Networks > Tethering > USB tethering** and then drag ⬤ to activate it.

🗒 • This option uses mobile data and may incur data usage fees, depending on your pricing plan. Consult with your service provider for more information.

• When connecting to a computer, download the USB driver from *www.lg.com* and install it on the computer.

• You cannot send or receive files between your device and a computer while USB tethering is turned on. Turn off USB tethering to send or receive files.

• Operating systems that support tethering are Window XP or higher, or Linux.

Wi-Fi hotspot

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

1 On the settings screen, tap **Networks > Tethering > Wi-Fi hotspot** and then drag 　 to activate it.

2 Tap **Set up Wi-Fi hotspot**, and enter the Wi-Fi name (SSID) and password.

3 Turn on Wi-Fi on the other device, and select the name of the device network on the Wi-Fi list.

4 Enter the network password.

　　• This option uses mobile data and may incur data usage fees, depending on your pricing plan. Consult with your service provider for more information.

• More information is available at this web site: *http://www.android.com/tether#wifi*

Bluetooth tethering

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

1 On the settings screen, tap **Networks** > **Tethering** > **Bluetooth tethering** and then drag ⬤ to activate it.

2 Turn on Bluetooth on both devices, and pair them.

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

Help

You can view help on using tethering and hotspots.

On the settings screen, tap **Networks** > **Tethering** > **Help**.

More

Airplane mode

You can turn off the call and mobile data functions. When this mode is on, functions that do not involve data, such as games and music playback, remain available.

1 On the settings screen, tap **Networks** > **More** > **Airplane mode**.

2 Tap **TURN ON** in the confirmation screen.

Mobile networks

You can customise mobile data settings.

1 On the settings screen, tap **Networks** > **More** > **Mobile networks**.

2 Customise the following settings:

- **Mobile data**: Turn mobile data on or off.
- **Data roaming**: Browse the web, use emails, multimedia messages and other data services overseas.
- **Network mode**: Select a network type.
- **Access Point Names**: View or change the access point for using mobile data services. To change the access point, select a choice from the access point list.
- **Network operators**: Search for network operators and connect automatically to a network.

VPN

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

Adding VPN

1 On the settings screen, tap **Networks** > **More** > **VPN**.

⚠ • Be cautious that if the screen lock is unlocked, all VPN information saved on the device are erased.

2 Tap **Add VPN**.

📝 • This feature is available only when the screen lock is activated. If the screen lock is deactivated, a notification screen appears. Tap **SETTINGS** from the notification screen to activate the screen lock. See *Configuring screen lock settings* for details.

3 Enter VPN details and tap **SAVE**.

Configuring VPN settings

1 Tap a VPN from the **VPNS** list.

2 Enter the VPN user account details and tap **CONNECT**.
   • To save the account details, select the **Save account information** checkbox.

Sound & notification

You can customise sound, vibrate and notification settings.

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

• **Sound profile**: Change the sound mode to **Sound**, **Vibrate only**, or **Silent**.

• **Volume**: Adjust the sound volume for various items.

• **Ringtone**: Select a ringtone for incoming calls. Add or delete ringtones.

• **Ringtone ID**: Create a ringtone for an incoming call from a particular contact.

• **Vibration strength**: Adjust the vibration intensity.

• **Sound with vibration**: Set the device to vibrate and play a ringtone simultaneously.

• **Vibration type**: You can select a vibration type or make your own vibration pattern.

• **Do not disturb**: Set the time, range and app type to receive notification messages. Receive notification messages only on particular days of the week.

• **Lock screen**: Display or hide a notification message on the lock screen. You can also hide private information.

• **Apps**: Select the apps that can show their notification messages on the screen, and set the priorities of those apps in regard to notification messages.

- **Hi-Fi Quad DAC**: Connect to the earpiece, speaker or other external audio devices and use any of them as a Hi-Fi Quad DAC.
- **More > Notification sound**: Select a notification ringtone. Set music saved on the device as a notification ringtone.
- **More > Vibrate on tap**: Set the device to vibrate when you tap certain items on the screen.
- **More > Sound effects**: Select a sound effect to play when you tap the dialpad or keyboard, select an option, or lock or unlock the screen.
- **More > Message/call voice notifications**: Set the device to read the caller information or message content via voice.

Display

You can customise detailed settings for each screen type.

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

- **Second screen**: Customise the settings and options for the Second screen. See *Second screen* for details.
- **Home screen**: Customise settings for the Home screen. See *Home screen settings* for details.
- **Lock screen**: Customise lock screen settings. See *Lock screen settings* for details.
- **Theme**: Select a screen theme for your device.
- **Home touch buttons**: Rearrange Home touch buttons or change their background colours. Hide Home touch buttons on the screen.
- **Font type**: Change the font face.
- **Font size**: Change the font size.
- **Bold text**: Bold the text on the screen.

- **Brightness**: Use the slide bar to change the device's screen brightness. To automatically adjust screen brightness according to ambient light intensity, tap the **Auto** switch.
- **Auto**: Set the device so that the screen brightness is automatically adjusted in accordance with the ambient light intensity.
- **Comfort view**: Set the device to reduce amount of blue light on screen to reduce eye strain.
- **Auto-rotate screen**: Automatically rotate the screen according to the device's orientation.
- **Screen timeout**: Automatically turn off the screen when the device is left idle for a specified period of time.
- **More > Display size**: Zoom in or out the screen.
- **More > KnockON**: Turn on or off the screen by tapping the screen twice.
- **More > Screen saver**: Display a screen saver when the device is connected to the holder or charger. Select a screen saver type to display.
- **More > Mini view**: You can make the screen size smaller to conveniently use the device with one hand. Drag the Home touch button at the bottom of the screen to the left or right.
- **More > Motion sensor calibration**: Correct the angle and speed of the motion sensor to improve the tilt accuracy and speed of the sensor.

> • When correcting the motion sensor, make sure to place the device on a flat surface. Failure to do so may cause an error with the motion sensor functions, such as automatic screen rotation.

General

Language & keyboard

You can customise language and keyboard settings for your device.

1 On the settings screen, tap **General**＞**Language & keyboard**.

2 Customise the following settings:

- **Language**: Select a language to apply for the device.
- **Current keyboard**: View the keyboard currently in use. Select a keyboard to use when entering text.
- **LG Keyboard**: Customise the LG keyboard settings.
- **Google voice typing**: Configure the options for text dictation by Google.
- **Text-to-speech output**: Configure the settings for text-to-speech output.
- **Pointer speed**: Adjust the pointer speed of a mouse or trackpad.
- **Reverse buttons**: Reverse the right mouse button to perform primary direct-manipulation actions.

Location

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

1 On the settings screen, tap **General**＞**Location**.

2 Customise the following settings:

- **Mode**: Select a method to provide your location information.
- **My place**: Set the device to analyse frequently visited places so that it can automatically recognise a residential address.
- **RECENT LOCATION REQUEST**: View apps that recently requested location information.

- **Low power location estimation**: Estimate the device location by using low power consumption.
- **Google Location History**: Configure the Google location history settings.

Accounts & sync

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

1 On the settings screen, tap **General > Accounts & sync**.
2 Customise the following settings:
    - **Auto-sync data**: Sync all the registered accounts automatically.
    - **ACCOUNTS**: View a list of registered accounts. To view or change details of an account, tap the account.
    - **ADD ACCOUNT**: Add accounts.

Cloud

You can register a cloud account and view content saved on your computer or cloud from the device.

1 On the settings screen, tap **General > Cloud**.
2 Customise the settings.

Users

You can add users to share your device with them.

1 On the settings screen, tap **General > Users**.
2 Customise the settings.

Accessibility

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

1 On the settings screen, tap **General > Accessibility**.

2 Customise the following settings:

- **Vision > TalkBack**: Set the device to notify screen status or actions via voice.
- **Vision > Message/call voice notifications**: Set the device to read the caller information or message content via voice.
- **Vision > Font size**: Change the font size.
- **Vision > Bold text**: Bold the text on the screen.
- **Vision > Display size**: Zoom in or out the screen.
- **Vision > Touch zoom**: Zoom in or out by tapping the screen three times.
- **Vision > Window zoom**: Magnify or reverse a part of the screen.
- **Vision > Large mouse pointer**: Magnify the mouse pointer.
- **Vision > High contrast screen**: Turn the background colour into black for a high contrast screen.
- **Vision > Screen colour inversion**: Increase the display colour contrast for people with low vision.
- **Vision > Screen colour adjustment**: Adjust the display colour.
- **Vision > Grayscale**: Switch the screen to grayscale mode.
- **Vision > End calls with the Power key**: End a call by pressing the Power/Lock key.
- **Hearing > Captions**: Turn on the subtitle service when playing videos for the hearing impaired.
- **Hearing > Flash alerts**: Set the device to notify you with a blinking light for incoming calls and alarms.

- **Hearing > Turn off all sounds**: Mute all sounds and lower volume on the receiver.
- **Hearing > Audio type**: Select the audio type.
- **Hearing > Sound balance**: Adjust the audio output balance. Use the slide bar to change the balance.
- **Motor & cognition > Touch assistant**: Turn on the touch board to make buttons and gestures easier to use.
- **Motor & cognition > Touch input**: Enter text by touching and holding the screen or modify it by simply touching the screen.
- **Motor & cognition > Physical keyboard**: Customise the keyboard settings.
- **Motor & cognition > Auto mouse click**: Automatically click the mouse pointer in case of no movement.
- **Motor & cognition > Touch and hold for calls**: Answer or decline calls by touching and holding the call button instead of dragging it.
- **Motor & cognition > Screen timeout**: Turn off the screen automatically when the device is left idle for a specified period of time.
- **Motor & cognition > Touch control areas**: Limit the touch area so that only a particular portion of the screen can be controlled by touch input.
- **Accessibility features shortcut**: Quickly access a frequently used function by tapping ○ three times.
- **Auto-rotate screen**: Automatically change the screen orientation according to the physical position of the device.
- **Switch Access**: Create key combinations to control your device.

Shortcut keys

You can use the volume keys to directly launch apps when the screen is turned off or locked.

1 On the settings screen, tap **General** > **Shortcut keys**.

2 Drag ⬭ to activate it.
   • Press the Volume Down (-) key twice to launch the **Camera** app when the screen is locked or turned off. Press the Volume Up (+) key twice to launch **Capture+**.
   • Turn on **Quick shot** if you want to take photos immediately after pressing the Volume Down (-) key to start the camera.

Google services

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

On the settings screen, tap **General** > **Google services**.

Fingerprints & security

1 On the settings screen, tap **General** > **Fingerprints & security**.

2 Customise the following settings:
   • **Fingerprints**: Use your fingerprint to unlock the screen or content. See _Fingerprint recognition overview_ for details.
   • **Content lock**: Set the method to lock files in **Gallery** or **QuickMemo+**.
   • **Encrypt SD card**: Encrypt the memory card to prevent use on another device. See _Memory card encryption_ for details.
   • **Secure start-up**: Protect your device with a lock when it powers on. See _Secure start-up settings_ for details.
   • **Set up SIM card lock**: Lock or unlock the USIM card, or change the password (PIN).
   • **Password typing visible**: Display a password as you enter it.

- **Phone administrators**: Allow privileges to restrict the control or use of the device to particular apps.
- **Unknown sources**: Allow the installation of apps from non-Play Store apps.
- **Credential protection**: View the type of the storage where the security certificate will be saved.
- **Certificate management**: Manage the security certificate saved on the device.
- **Trust agents**: View and use trust agents installed on the device.
- **Screen pin**: Fix the app screen so that only the currently active app can be used.
- **Usage access**: View details on usage of apps on the device.

Smart settings

You can automatically change your device settings according to the usage pattern and location.

> • To use Smart settings, make sure to set the residential address. See _Location_ for details.

1 On the settings screen, tap **General > Smart settings**.

2 Activate items you want to automatically change settings for.

Quick Cover case

You can use calls and notifications on the Second screen without opening the cover.

Date & time

You can customise date and time settings for your device.

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

Smart cleaning

You can clean up temporary files or apps that are no longer used to free up storage space.

On the settings screen, tap **General** > **Smart cleaning**.

Storage

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

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

Battery & power saving

You can view the current battery information or turn on power-saving mode.

1 On the settings screen, tap **General** 〉 **Battery & power saving**.

2 Customise the following settings:

- • **Battery usage**: View the battery usage details. To view more details, select a specific item.
- • **Battery percentage on status bar**: Display the remaining battery level as a percentage on the status bar.
- • **Battery saver**: Reduce battery consumption by cutting down some device settings, such as the display brightness, speed and vibration intensity. The status bar displays ➘ when power-saving mode is on.
- • **Game battery saver**: Adjust the video quality to reduce battery consumption when playing games.

Memory

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

1 On the settings screen, tap **General** 〉 **Memory**.

2 Tap ➘ to set a time slot to retrieve data.

Apps

You can view a list of installed apps. Stop apps from running or delete apps, if necessary.

1 On the settings screen, tap **General** 〉 **Apps**.

2 Select an app and perform actions.

Tap & pay

You can make payments with your device instead of a credit card.

On the settings screen, tap **General** > **Tap & pay**.

Backup & reset

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

1 On the settings screen, tap **General** > **Backup & reset**.

2 Customise the following settings:

- **LG Backup**: Back up or restore the blocked sender list, messages, images, home screens and other data saved on the device. See *LG Backup* for details.

- **Back up my data**: Back up your app data, Wi-Fi password and other settings to the Google server.

- **Backup account**: View the current backup account in use.

- **Automatic restore**: Automatically restore backup settings and data when reinstalling an app.

- **Network settings reset**: Reset Wi-Fi, Bluetooth and other network settings.

- **Factory data reset**: Reset all settings for the device and delete data.

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

About phone

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

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

05

Appendix

LG Language Settings

Select a language to use on your device.

- Tap ◯ > **Settings** > **General** > **Language & keyboard** > **Language** > **ADD LANGUAGE**, and select a language.
  - Touch and hold ≡ and drag it to the top of the language list to set it as a default language.

LG Bridge

LG Bridge overview

LG Bridge is an app that helps you manage the photos, music, videos and documents saved on your LG smartphone from your computer conveniently. You can back up contacts, photos and more to the computer or update the device software.

- ▤ • See LG Bridge help for details.
  - The supported features may vary depending on the device.
  - LG USB driver is a necessary program to connect your LG smartphone with the computer and is installed when you install LG Bridge.

LG Bridge functions

- Manage the files on the device from a computer via Wi-Fi connection or mobile data connection.
- Back up data from the device to a computer or restore data from a computer to the device via USB cable connection.
- Update the device software from a computer via USB cable connection.

Installing LG Bridge on a computer

1 Go to *www.lg.com* from your computer.

2 In the search bar, enter the name of your device.

3 Click **Download Centre > LG Bridge**, and download the setup file.
   • Click **Details** to view the minimum requirements for installing LG
     Bridge.

Phone software update

LG Mobile phone software update from the Internet

For more information about using this function, please visit
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 centre. This feature will only be available if and when LG makes a
newer firmware version available for your device.

Because the mobile phone firmware update requires the user's full
attention for the duration of the update process, please make sure
you check all instructions and notes that appear at each step before
proceeding. Please note that removing the USB cable during the upgrade
may seriously damage your mobile phone.

> • 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 a USB cable. This feature will only be available if and when LG makes a newer firmware version available for your device.

First check the software version on your mobile phone:

Settings > **General** > **About phone** > **Update Center** > **Software Update** > **Check now for update**.

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

- This feature depends on the area or service provider.

FAQ

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

Message	Possible causes	Possible corrective measures
SIM card error	There is no SIM card in the phone or it is inserted incorrectly.	Make sure the SIM card is correctly inserted.
No network connection/ Dropped network	Signal is weak or you are outside the carrier network.	Move toward a window or into an open area. Check the network operator coverage map.
	Operator applied new services.	Check whether the SIM card is more than 6-12 months old. If so, change your SIM or USIM card at your network provider's nearest branch. Contact your service provider.
Codes do not match	To change a security code, confirm the new code by re-entering it.	If you forget the code, contact your service provider.
	The two codes you entered do not match	
No applications can be set	Not supported by service provider or registration required.	Contact your service provider.
Downloaded application causes a lot of errors.	Remove the application.	1. Tap ◯ > **Settings**. 2. Tap **General** > **Apps**. 3. Tap the app > **Uninstall**.

Message	Possible causes	Possible corrective measures
Calls not available	Dialling error	New network not authorised.
	New SIM card inserted.	Check for new restrictions.
	Pre-paid charge limit reached.	Contact service provider or reset the limit with PIN2.
Phone cannot be turned on	On/Off key pressed too briefly.	Press the On/Off key for at least two seconds.
	Battery is not charged.	Charge battery. Check the charging indicator on the display.
Charging error	Battery is not charged.	Charge battery.
	Outside temperature is too hot or cold.	Make sure phone is charging at a normal temperature.
	Contact problem	Check the charger and its connection to the phone.
	No voltage	Plug the charger into a different outlet.
	Charger defective	Replace the charger.
	Wrong charger	Use only original LG accessories.
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 data, such as applications or messages from your phone to make more memory available.

Message	Possible causes	Possible corrective measures
Files do not open	Unsupported file format	Check the supported file formats.
The screen does not turn on when I receive a call.	Proximity sensor problem	If you use a protection tape or case, make sure it has not covered the area around the proximity sensor. Make sure that the area around the proximity sensor is clean.
No sound	Vibration mode	Check the settings status in the sound menu to make sure you are not in vibration or no interruptions mode.
Hangs up or freezes	Intermittent software problem	If the screen freezes or the phone does not respond when you try to operate it, remove the battery and reinsert it. Then power the phone back on. Alternatively, try to perform a software update through the website.

Anti-Theft Guide

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

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

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

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

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

More information

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit *http://opensource.lge.com*.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

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

Trademarks

DOLBY AUDIO

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

TypeC-HDMI

• You may not need to connect the charger with TypeC-HDMI gender to output the screen. Connect the charger for reducing the battery consumption.

• When you connect the device with TypeC-HDMI gender or HDMI cable, you can view the UHD video on the TV, projector, or monitor. You need the UHD supporting gender and HDMI cable for UHD output.

• Copyright protected content (DRM/HDCP) may be limited depending on your output device. You can only view your own device screen.

• Some video files may not be played properly depending on the hardware performance or memory limit.

• Some videos may not be played properly depending on the screen resolution, frame per second, average bit transfer rate, or encoding settings.

• If the screen is cut or displayed abnormally, change the screen size into the original size on the TV or monitor.

• The devices can mutually connect with themselves by connecting them with TypeC-HDMI gender and HDMI cable even if the power is turned off.

• If the TV, projector, monitor do not output the screen, disconnect the HDMI cable with the gender for a moment. Some genders may not mutually connected with each other.

Laser safety statement

Caution!

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

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

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

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
CLASSE 1	PRODUIT LASER