


Custom-designed Features

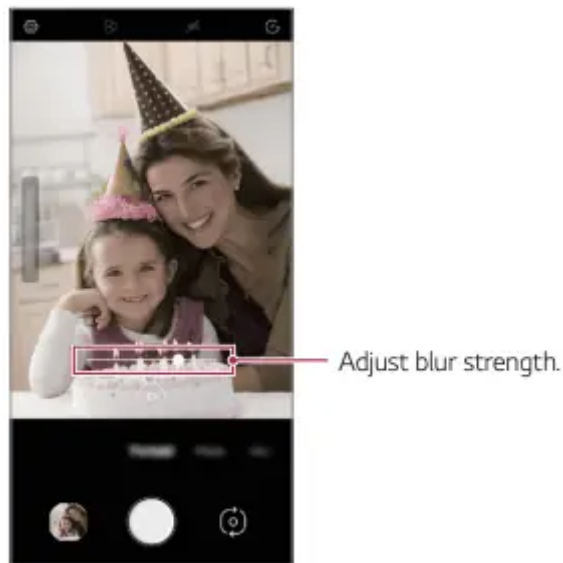
Camera features


Portrait

You can create an artistic portrait photo, whereby the subject is in focus and the background is blurred. You can also edit the image by applying lighting or color effect to the background.



- While taking a photo, keep the distance to your subject to 1.3 ~ 5 feet.
 - This feature is not available if the surroundings are too dark.
1. On the home screen, tap  , and tap Portrait.
 2. Drag the slide bar to the left or right to adjust the blur strength.





3 When Portrait is available appears on the screen, tap  to take a photo.

- The Portrait feature may not work if the camera cannot recognize the subject.

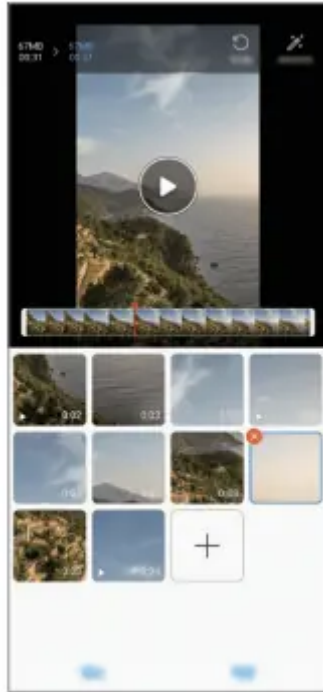
Gallery features

Creating a movie


You can create a new movie by putting images and videos together.

1. On the home screen, tap  , select an album, then tap  > Create movie.
2. Select images or videos for your movie and tap Next.


3. Edit the selected images and videos and then tap Save.



Deleting files

You can select images or videos to delete from your video by tapping  at the top right corner of its thumbnail.

Adding files

You can select images or videos to add after tapping  at the bottom of the screen. You can also select the images or videos you have already previously added.




Touch and hold a file, and then tap another file for multiple selection.


Rearranging files

To rearrange the images and videos, touch and hold the file you want to move, then dragging it to the desired location.


Adding file effects

Tap  to add a theme or background music, or change the font.

Resetting the movie edits

You can reset the edits made to the movie (e.g. play time) by tapping .

Previewing a file


Check your new video before saving it by tapping . After the playback time elapses, the next file is played automatically.



- A maximum of 50 images and videos can be used to create a video.
- The playback time for an image is 3 seconds by default and it cannot be changed. Videos can be trimmed down to a minimum of 1 second.
- This feature may not support some image or video formats.

Making a GIF

You can easily make a GIF file using recorded video.

1. At the desired starting point while watching a video, tap .
2. Select the length of the GIF you want to create.
 - GIF is generated for the time selected from the current time.
 - For videos less than 5 seconds, GIF images are automatically generated for the remaining time.



You may use this feature solely for creative purposes. The use of this feature involving infringement of any other person's rights, such as copyright or defamatory or offensive statements, may be subject to civil, criminal, or administrative liabilities and/or penalties under applicable laws. You shall not copy, reproduce, distribute, or otherwise make illegal use of any copyrighted materials without permission of the rightful owner or copyright holder. To the fullest extent permitted by applicable law, LG Electronics disclaims all expressed and implied warranties as well as liabilities associated thereto.

Google Assistant

Google Assistant overview

Your device has the built-in Google Assistant feature. Find answers and get things done while on-the-go.



- To use this feature, first connect to the network and sign in to your Google Account.

Sign in

- 1 Press the Google Assistant key on the left side of the device to launch Google Assistant.
- 2 Follow the on-screen instructions.
 - The device saves your voice data for recognition.
- 3 Set whether to use the voice match unlock function.

- If you use the voice match unlock function, you can unlock the device even when the device screen is turned off or the device is charging by saying “OK Google” or “Hey Google.”.




- For stronger security, it is advisable to use Pattern, PIN, or Password.
- When a similar voice or your recorded voice is used, the screen may be unlocked.
- To use this feature, tap Settings > Lock screen & security > Secure lock settings > Smart Lock, and then use the screen lock method you set to unlock the device. Tap Voice Match, then tap Access with Voice Match , then enter the currently used unlock method again. Note that Swipe is excluded.
- You need to unlock the device by using the specified method if you fail to unlock the device with voice recognition. See Setting a screen lock for details.

Accessing by Voice

1. When the home screen is turned off or locked, say “OK Google” or “Hey Google”.
2. When the Google Assistant screen appears, say a command or ask a question.

Accessing from Home Screen or Any Other Screen

1. Press the Google Assistant key on the left side of the device.
2. Say a command or question when you see  on the bottom of the screen.



Voice recognition accuracy may decrease if you speak with an unclear voice or in a noisy place. When you use the voice recognition feature, increase its accuracy by speaking with a clear voice in a quiet place.

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 locked contents in Gallery and 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 recognized by the fingerprint sensor as the same fingerprint. For added security, set the screen lock using a pattern, PIN or Password.
- If the device cannot detect your fingerprint, or you forget the value specified for registration, contact the LG Authorized Service Center with your device and ID card.

Precautions for fingerprint recognition

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

- Ensure that the fingerprint sensor is not damaged by a metallic object, such as coin or key.
- When water, dust or other foreign substance is on the fingerprint sensor or your finger, the fingerprint registration or recognition may not work. Clean and dry your finger before using the fingerprint sensor.
- A fingerprint may not be recognized 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 recognized. Make sure that your finger covers the entire surface of the fingerprint sensor.
- 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, to remove static electricity before scanning fingerprints.

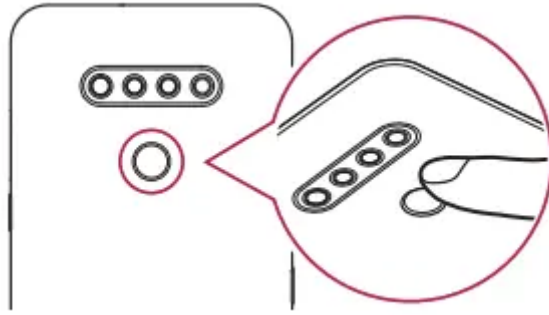
Registering fingerprints

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

1. On the home screen, tap Settings Lock screen & security Fingerprints.



- This feature is available only when the screen lock is set.
 - Lock the device with a pattern, PIN or password.
 - If the screen lock is not set, enable it by following the on-screen instructions. See Setting a screen lock for details.
2. Locate the fingerprint sensor on the back of the device and gently put your finger on it to register the fingerprint.



3 Follow the on-screen instructions.


- Repeat scanning the fingerprint by moving your finger little by little until the fingerprint is registered.

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 a preventative measure, register multiple fingerprints.

Managing fingerprints

You can edit or delete registered fingerprints.

1. On the home screen, tap Settings > Lock screen & 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 locked content by using your fingerprint.

1. On the home screen, tap Settings > Lock screen & 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: Access contents you have locked in Gallery and QuickMemo+ with a fingerprint.


Multi-tasking feature

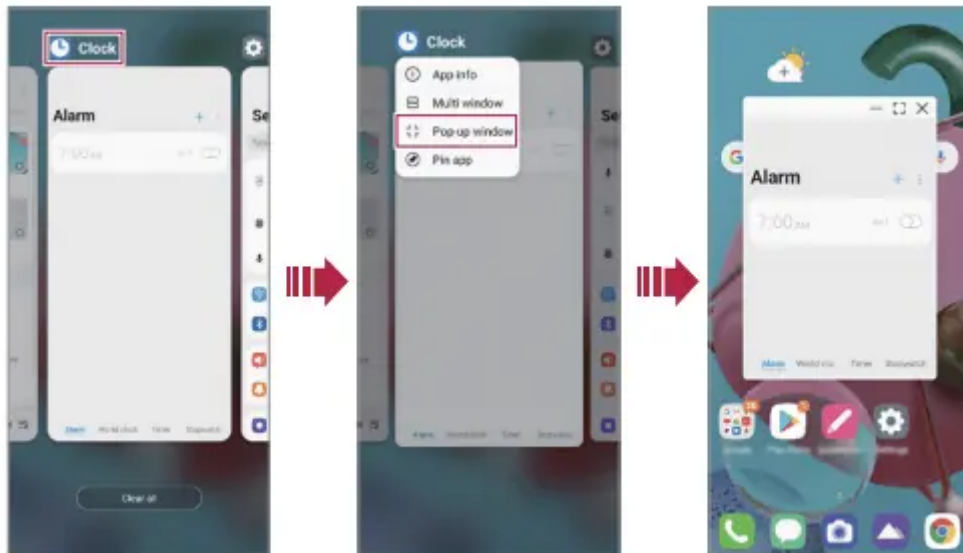
Recent Uses Screen

Swipe the Home button upward and hold  to view the recent use history

Pop-up window




You can open multiple apps on the screen and easily switch between them at any time.

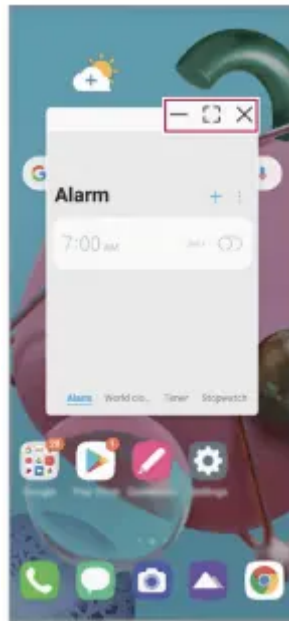
- 1 Swipe up and hold  from the bottom of the screen.
- 2 Tap the app icon on the top left of the app screen and select Pop-up window.
 - If you tap the app icon, the App info, Multi window, Pop-up window and Pin app options appear.
- 3 The app appears in the form of a pop-up window on the screen.



This feature may not be available in some apps or screens.

Using the pop-up window

-  Minimizes the pop-up window. The pop-up window is minimized into the app icon floating on the screen, which can be moved anywhere you want.
-  Expands the app to full screen.
-  Closes the app.



- To move the pop-up window: Drag the top of the pop-up window.
- To adjust the size of the pop-up window: Drag the left, right or bottom edge of the pop-up window.

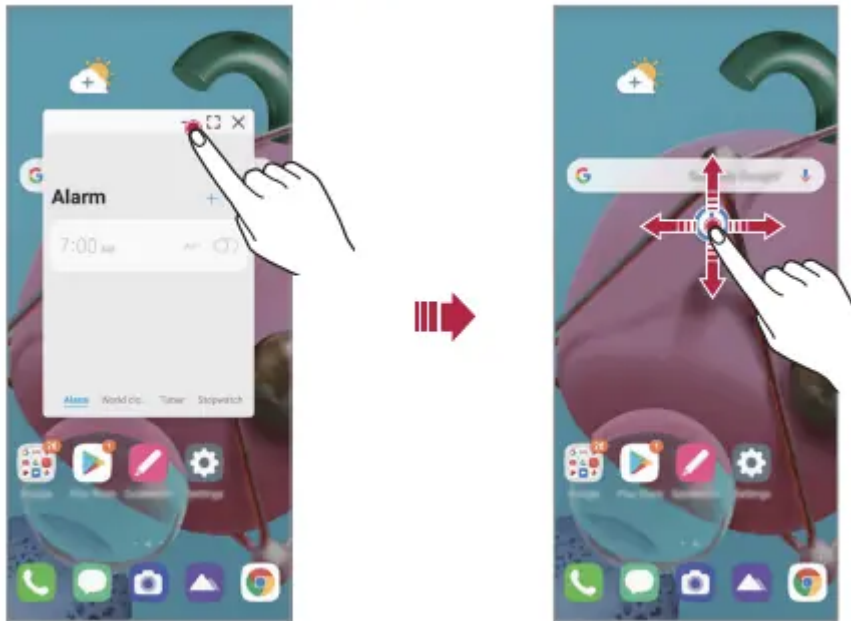


- You can open up to 5 apps using the pop-up windows.
- To select an app from the opened apps, tap one of the pop-up windows. The selected pop-up window comes to the front.
- Pop-up windows cannot be moved to the status bar or navigation bar area.

Using the app folder for pop-up windows

If you tap  on the pop-up window, the pop-up window is minimized into the app icon.

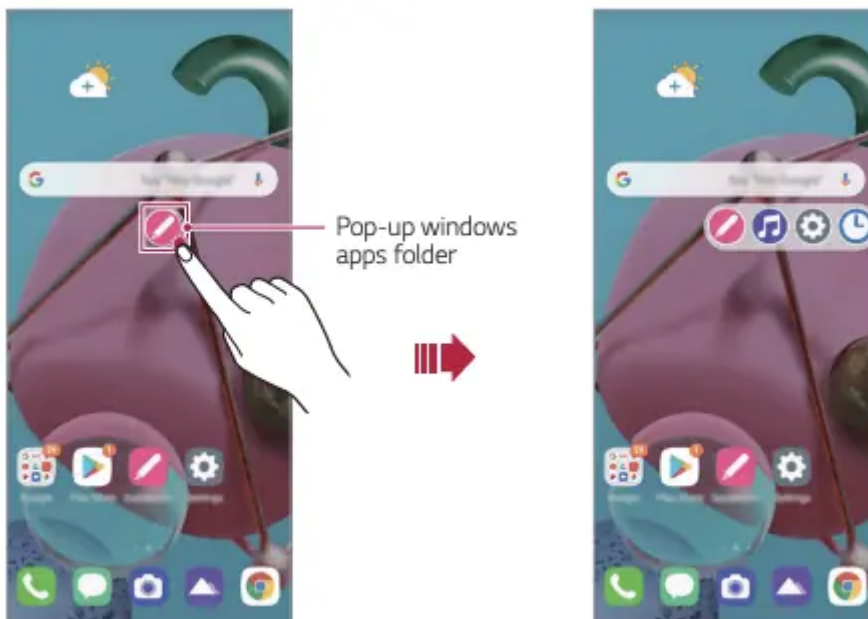
You can move the app icon anywhere you want by dragging it.




If two or more pop-up windows are minimized, the app folder is created to contain the app icons.




- The recently-used app icon is used as the app folder icon. If you tap the icon, all the icons for the minimized pop-up windows appear in the app folder





-  If you touch and hold the app folder for pop-up windows and drag the app folder into Remove, the app folder will be removed.
- To remove one of the apps from the app folder, open the app folder and drag the app icon out of the app folder.

Multi window

When using Gestures navigation (by default)

- 1 Swipe up and hold  from the bottom of the screen.
 - Recently-used apps appear.
 - If you tap the app icon, the App info, Multi window, Pop-up window and Pin app options appear.
- 2 Tap the app icon on the top left of the app to be displayed in the multiwindow and select Multi window.
 - The selected app appears at the top half of the screen.
- 3 Tap the other app to be displayed in the multi window.
 - The selected app appears at the bottom half of the screen.

When using Buttons only navigation

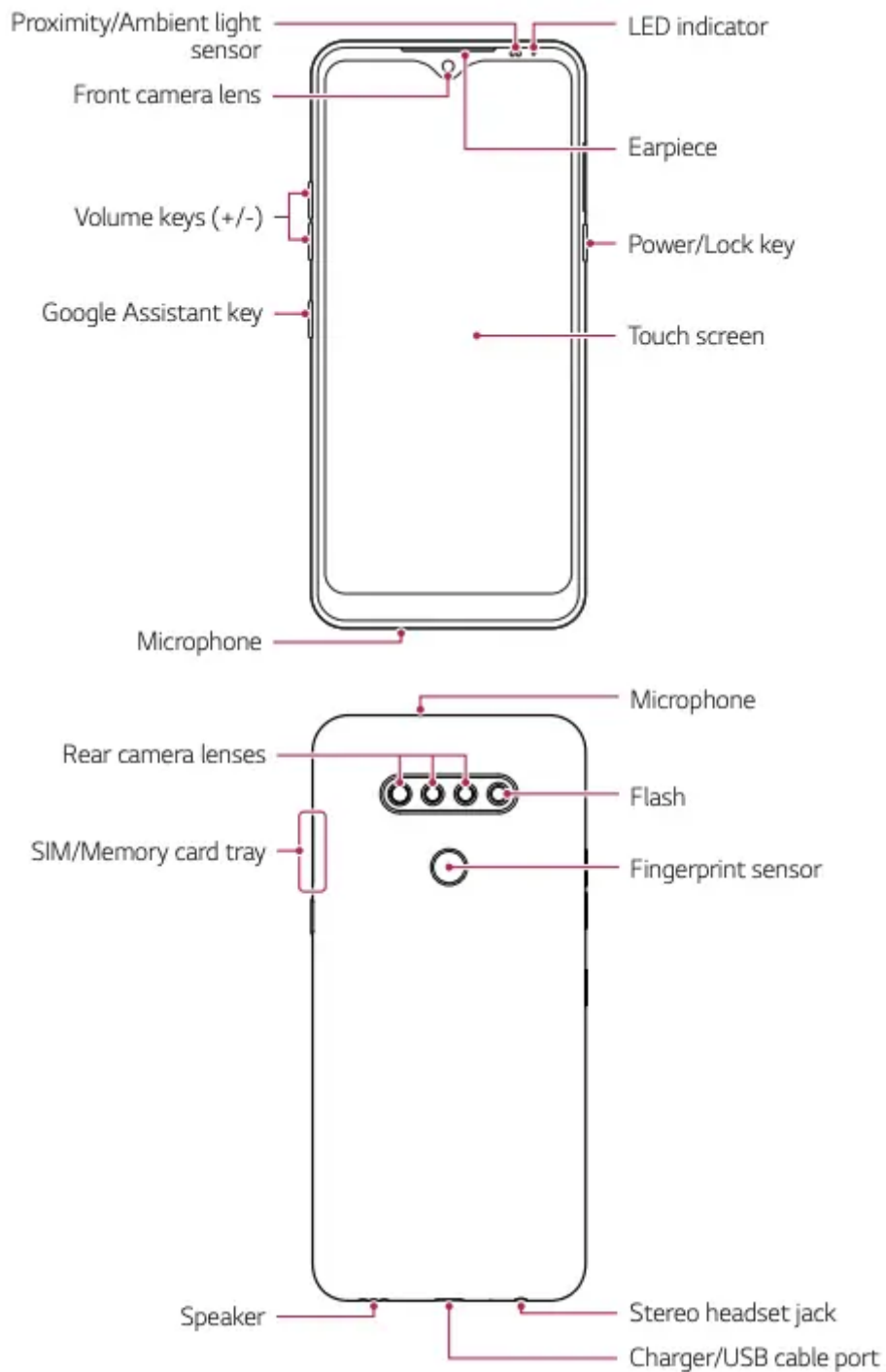
- 1 Tap  on the navigation bar.
 - Recently-used apps appear.
 - If you tap the app icon, the App info, Multi window, Pop-up window and Pin app options appear.
- 2 Tap the app icon on the top left of the app to be displayed in the multiwindow and select  .
 - The selected app appears at the top half of the screen.
- 3 Tap the other app to be displayed in the multi window.



- To adjust the size of the split screen, drag the bar on the center of the screen.
- To deactivate the multi window feature, drag the center bar up or down to the end of the screen.
- The multi window feature is not supported in some LG apps or apps downloaded from the Play Store.

Basic Functions

Parts overview



Do NOT attempt to remove the back cover. This device has a non-removable battery. Do not attempt to remove the back cover. Doing so may severely damage the battery and device, which could cause overheating, fire, and injury



Press and hold the volume down key and Power/Lock key at the same time for a second to take a screenshot.

- 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 analyzes 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 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 Screen-off memo.

- Power/Lock key

- Briefly press the key when you want to turn the screen on or off.
- Press and hold the key when you want to select a power control option.

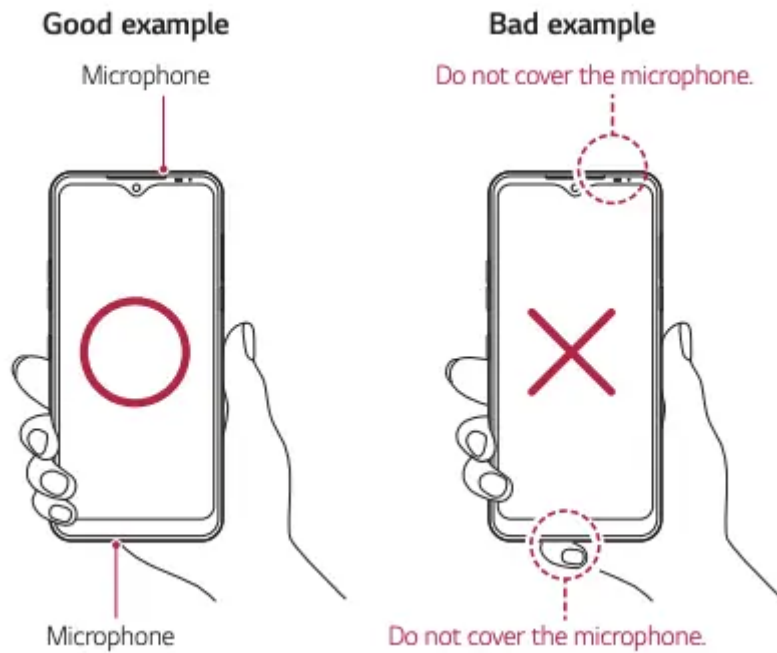
- Google Assistant key

- Your device has Google Assistant built in. Find answers and get things done while on-the-go. To get started, just tap the Google Assistant key on the side of the phone.
- Activate Google assistant. See Google Assistant for details.



- Some functions may be restricted for access, depending on the device specifications.
- Do not put heavy objects on the device or sit on it. Doing 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.

Hold the device correctly as shown below. If you cover the microphone hole with a hand, finger, or protective case while using the device, you may sound unclear during a call.



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.

Restarting the device

When the device is not working properly or does not respond, restart it by following the instructions below.

1. Press and hold the Power/Lock key and the Volume Down key at the same time until the power is turned off.
2. When the device restarts, release the key.

Power control options

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

- Power off: Turn the device off.
- Power off and restart: Restart the device.

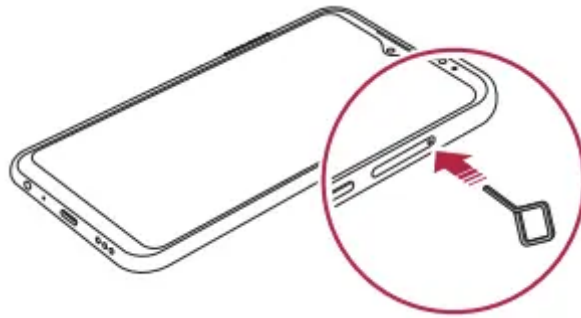
Installing the SIM card and memory card

Insert the SIM card provided by your mobile service provider to start using your device.

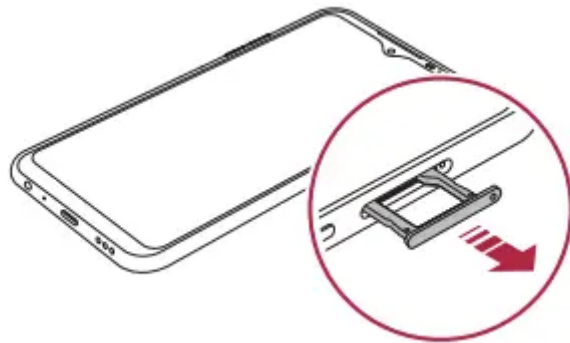


Be careful with the ejection pin since it has a sharp edge.

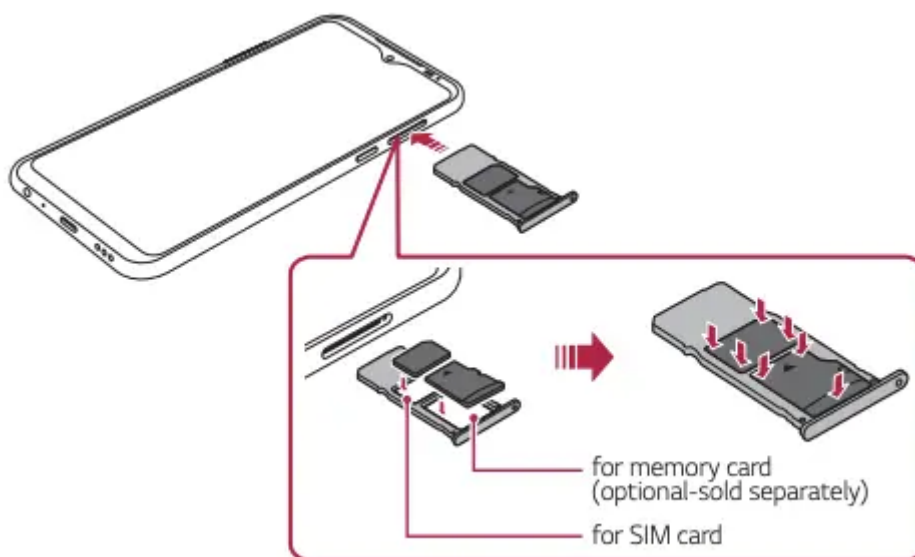
1. Insert the ejection pin into the hole on the card tray



2. Pull out the card tray.



3. Put the SIM card (and a memory card; optional-sold separately) on the card tray with the gold-colored contacts facing downwards.




4. Insert the card tray back into the slot.



- This device supports only Nano SIM cards.
- For problem-free performance, it is recommended to use the device with the correct type of SIM card. Always use a factory-made SIM card supplied by the service provider.
- 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.
- When you insert the card tray back into the device, insert it horizontally in the direction of arrow as shown in the figure. Make sure that the card placed on the card tray does not move out of its position.
- Frequent writing and erasing of data may shorten the memory card lifespan.
- 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.

Removing the memory card

Unmount the memory card before removing it for safety.

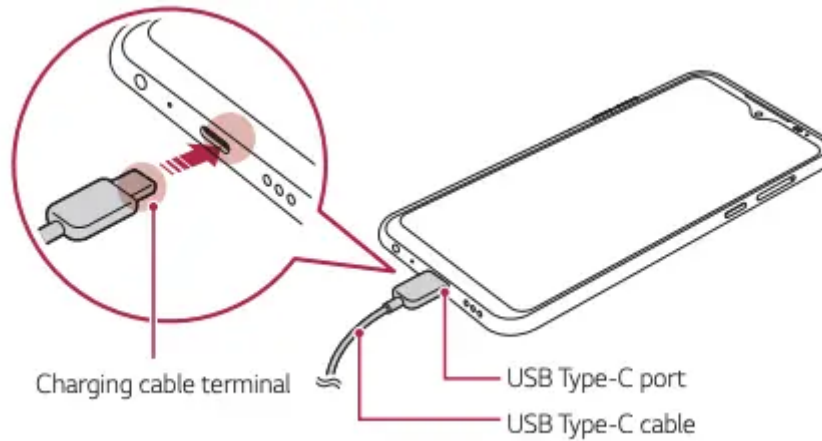
1. On the home screen, tap Settings > Storage > .
2. Insert the ejection pin into the hole in the card tray and then pull out the card tray from the device.
3. Remove the memory card from the card tray.
4. Insert the card tray back into the slot.




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.

Charging the battery

Before using the device, fully charge the battery. Connect one end of the charging cable to the charger, insert the other end of the cable into the cable port, and then plug the charger into a power socket.



-  Do not charge while the device or charging cable is wet or contains moisture. This can cause fire, electric shock, injury or damage to device. If there is moisture, stop using the device immediately and remove the moisture completely.
- Do not use unapproved USB cables or chargers with your device. The LG limited warranty does not cover damage caused by the use of third party accessories.
- Using the device when it is charging may cause electric shock. To use the device, stop charging it.



- Remove the charger from the power socket after the device is fully charged. This prevents unnecessary power consumption.
- Another way to charge the battery is by connecting a USB cable between the device and a desktop or laptop computer. This may take a longer time than plugging the adapter to a wall outlet.
- Do not charge the battery by using a USB hub that is unable to maintain the rated voltage. Charging may fail or unintentionally stop.
- Since the battery is a consumable, the battery life may be shortened as time goes.

Using the battery efficiently

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

Stop apps and functions from running in the background to increase battery life.

To minimize battery consumption, follow these tips:

1. Turn off the Bluetooth® or Wi-Fi network function when not using them.
2. Set the screen timeout to as short a time as possible.
3. Minimize the screen brightness.
4. Set a screen lock when the device is not in use.
5. Check the battery level while using any downloaded apps.

Touch screen

You can familiarize 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

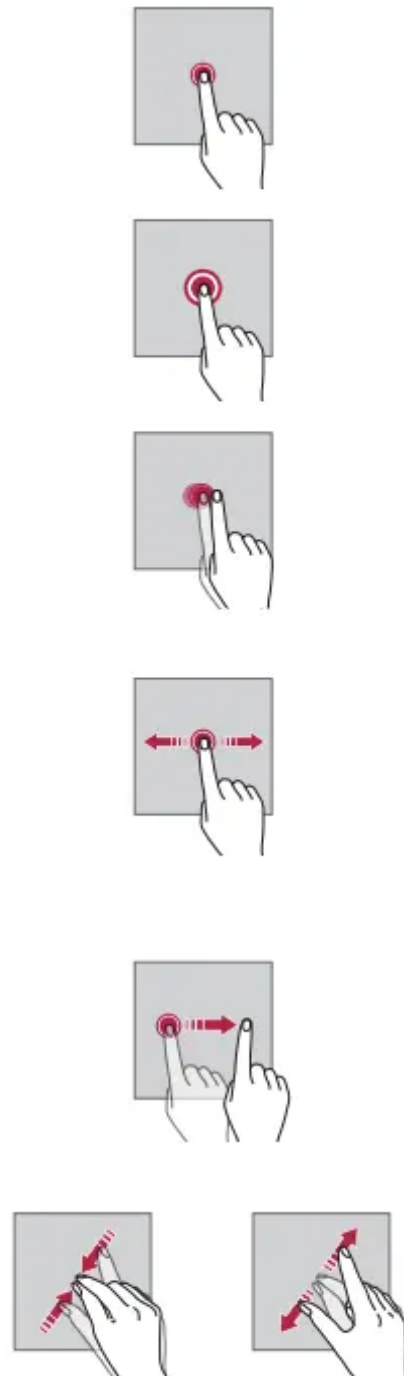
Touch and hold an item, such as an app or widget, then move your finger to another location in a controlled motion. You can use this gesture to move an item.

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 desired option.
- The 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.
- Displaying a static image for extended periods of time may result in after-images or screen burn-in. Turn off the screen or avoid displaying the same image for a long time when you do not use the device.

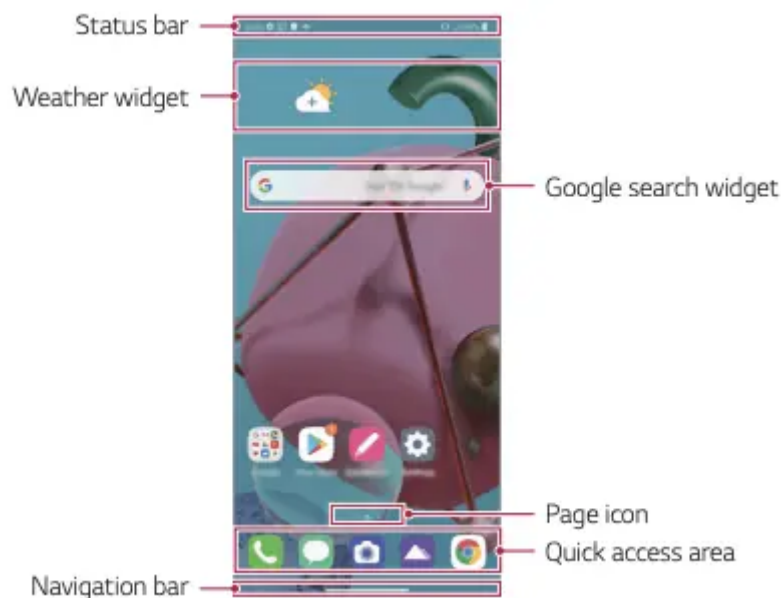
Home screen

Home screen overview

The Home screen is the starting point for accessing various functions and apps on your device. Swipe up from the bottom edge of 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.

Home screen layout

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





The Home screen may differ depending on the manufacturer policy, user settings, software version or service provider.

- 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: Type or speak to open Google Search.
- Folder: You can create folders to classify the app based on desired criteria.
- Page icon: Display the total number of Home screen canvases. You can tap the desired page icon to go to the page. 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.
- Navigation bar: You can do some gestures to go to the Home screen, previous screen, Overview screen, or quickly switch between apps.

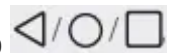
Using Navigation bar

Here is the gestures guide to control the Navigation bar.

- To go to Home screen, swipe up from the bottom edge of the screen.
- To go back to the previous screen, swipe in from the left or right edge of the screen.
- To go to Overview screen, swipe up and hold from the bottom edge of the screen.
- To quickly switch between apps, swipe right at the bottom edge of the screen to go to previously used apps.

















Gestures is the default for the Navigation bar. To change it to Buttons only , tap



Settings > Display > Navigation bar, then select Buttons only

Status icons

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

| | |
|---|--|
|  | No signal |
|  | Data is being transmitted over the network |
|  | Alarm is set |
|  | Vibrate mode is on |
|  | Bluetooth is on |
|  | Connected to a computer via USB |
|  | Battery level |
|  | Airplane mode is on |
|  | Missed calls |
|  | Wi-Fi is connected |
|  | Mute mode is on |
|  | Checking the current location via GPS |
|  | 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 and area in which you are using the device and your service provider.
- Displayed icons may vary, depending on the area or service provider.

Settings

Settings

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

On the home screen, tap Settings.

-  If you enter a keyword on the search window at the top of the screen, you can conveniently access the option that needs to be set.

Network & internet

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 Network & internet > Wi-Fi.

2. Tap  to activate it.

- Available Wi-Fi networks appear automatically.

3. Select a network.

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

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 Network & internet > Wi-Fi > Advanced Wi-Fi  > Wi-Fi Direct.

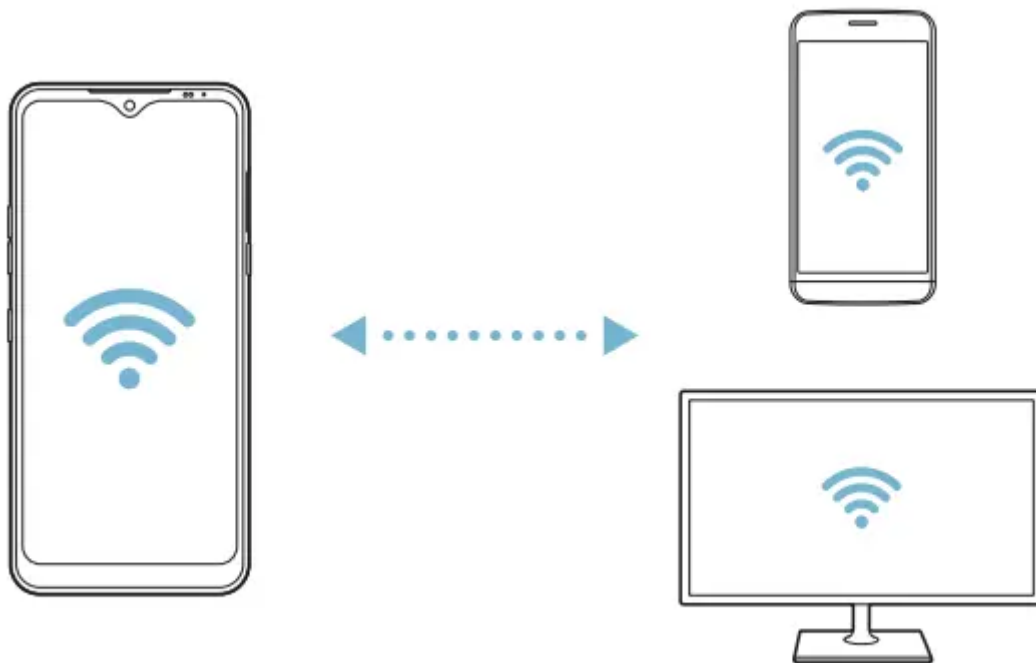
- Nearby devices that support Wi-Fi Direct automatically appear.

2. Select a device.

- Connection occurs when the device accepts the connection request.




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




Mobile data

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

Turning on mobile data

1. On the settings screen, tap Network & internet > Mobile data.
2. Tap  to activate it.

Customizing mobile data settings

1. On the settings screen, tap Network & internet > Mobile data.
2. Customize the following settings:
 - On: Enable 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.
 -  : Customize mobile data settings.

Call

You can customize 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 Network & internet > Call.
2. Customize the settings.

Tethering

USB tethering

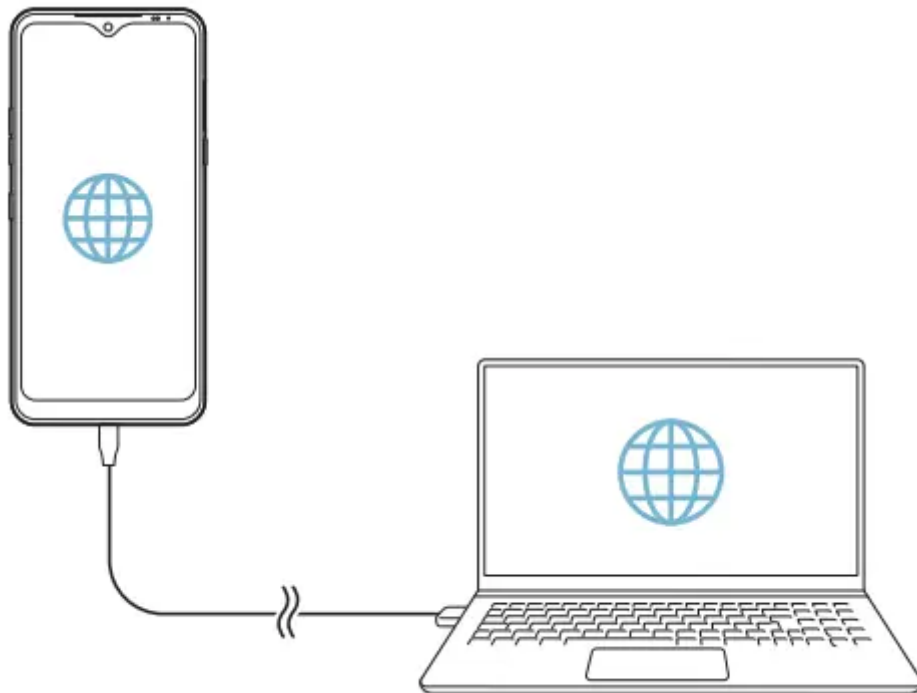
You can connect the device to another device via USB and share mobile data.

1. Connect your device and other devices via USB cable.
2. On the settings screen, tap Network & internet > Tethering > USB tethering and then tap  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 LG 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.



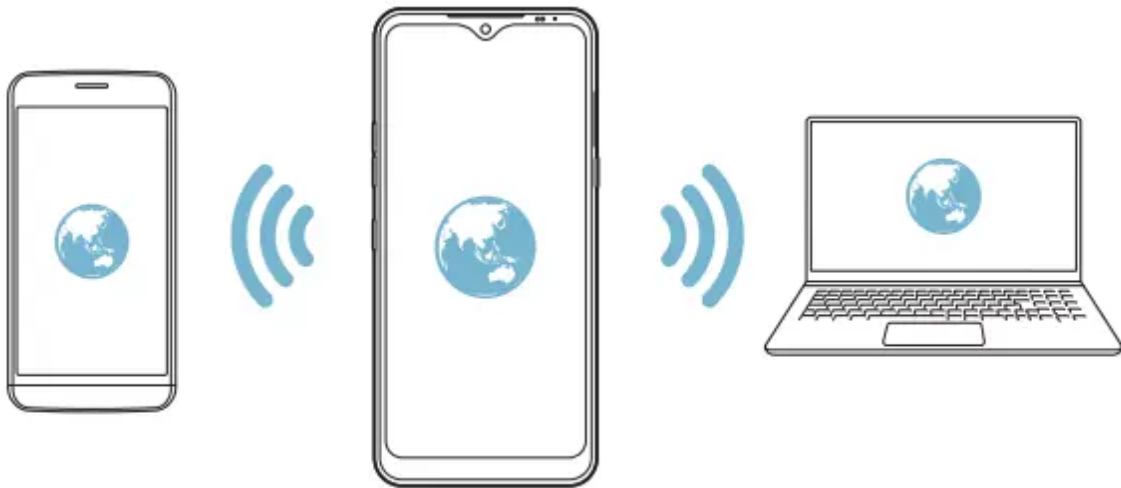
Mobile HotSpot

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 Network & internet > Tethering > Mobile HotSpot and then tap  to activate it.
2. Tap Configure Mobile 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



Mobile HotSpot turn off timer

When the Mobile hotspot has not been used for a specific period of time, it is automatically disconnected. You can set the time for automatic disconnection.

Allowed devices

View a list of devices permitted to access contents on your device.

Help

You can view help on using tethering and hotspots. On the settings screen, tap Network & internet > Tethering > Help.

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 Network & internet > Airplane mode.
2. Tap TURN ON in the confirmation screen.

Wi-Fi Calling

You can use Wi-Fi calling to improve your coverage and to make phone calls over a Wi-Fi network when the network is available.


On the settings screen, tap Network & internet > Wi-Fi Calling


Connected devices


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 Connected devices  Bluetooth.

2 Tap  to activate it.

- Available devices appear automatically.
- To refresh the device list, tap .



- 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.





- 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.



File sharing processes may differ, depending on the file.

Sound

You can customize sound, vibration and notification settings.

On the settings screen, tap Sound and customize 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.
- Notification sound: Select a notification ringtone. Set music saved on the device as a notification ringtone.
- Ring with vibration: Set the device to vibrate and play a ringtone simultaneously.

- Ringtone ID: Create a ringtone for an incoming call from a particular contact.
- Flash alert for incoming call: Set the device to flash alert for incoming calls.
- Do not disturb: Set the time, range and app type to receive notification messages. Receive notification messages only on particular days of the week.
- Sound quality and effects: Set the sound quality and effects.
- Vibration type: You can select the type of vibration when receiving calls.
- Vibrate on tap: Set the device to vibrate when you tap certain items on the screen.
- Dialing keypad sound: Enable the keypad sound effect.
- LG Keyboard sound: Enable LG keyboard sound effect.
- Touch sound: Enable the sound effect for tapping an item.
- Screen lock sound: Enable the sound effect to play when the screen is locked or unlocked

Notifications

You can check a list of installed apps, and configure the settings for notifications.

1. On the settings screen, tap Notifications.
2. Customize the settings as desired.

Display

The Display category allows you to manage various display settings.

On the settings screen, tap Display and customize the following settings:

- Home screen: Customize settings for the Home screen. See Home screen settings for details.
- New Second Screen: Select how the status bar and app corners will look.
- Navigation bar: Configure the Navigation bar. See Using Navigation bar for details.
- Comfort view: Set the device to reduce amount of blue light on screen to reduce eye strain.
- Night mode: You can apply a dimmed screen theme to avoid glare on the screen at night time.
- Font: Change the font size, boldness, or face.
- Display size: Set the items on the screen to a size that is easy for you to see. Some items may change position.



When you change the screen resolution, currently running apps are closed.

- App scaling: Adjust the screen size of apps.



Aspect ratio

- This device uses 20.5:9 aspect ratio.

- Some downloaded apps may not support 20.5:9 aspect ratio. In this case, select the most optimal screen ratio for the app or consult the app provider for more information.

- You can select the aspect ratio for individual apps. On the home screen, tap Settings > Display > App scaling. Select an app, then select the desired aspect ratio from None (Original), Compatibility (16:9), Standard (16.7:9), and Full 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.
- Screen timeout: Automatically turn off the screen when the device is left idle for a specified period of time.
- Auto-rotate screen: Automatically rotate the screen according to the device's orientation.
- Screen saver: Display a screen saver when the device is connected to the holder or charger. Select a screen saver type to display.
- One-handed screen: 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.

Wallpaper & theme

You can select wallpaper, screen theme or icon style for your device.

1. On the settings screen, tap Wallpaper & theme.
2. Tap Wallpaper, Theme or Icon to customize the settings.

Lock screen & security

You can customize lock screen and security settings. On the settings screen, tap Lock screen & security.

- Google Play Protect: Scan the device periodically for potentially harmful codes or apps.
- Find My Device: Remotely track the device location. You can also protect your data securely if you lost your device.
- Security update: Check for software update and configure automatic installation settings.
- Select screen lock: Select the desired screen lock method. See Setting a screen lock for details.
- Customize Lock screen: Change the information displayed on the locked screen. See Customize Lock screen for details.

- Secure lock settings: Change the secure lock settings. See Secure lock settings for details.
- Fingerprints: Use your fingerprint to unlock the screen or content. See
- Fingerprint recognition overview for details.
- Content lock: Allows you to set a lock type (password or pattern) for your QuickMemo+ and Gallery files.
- Encryption & credentials: Configure the settings for SD card encryption and credentials
- Encrypt SD card: Encrypt the memory card to prevent use on another device. See Memory card encryption for details.
- Credential protection: View the type of the storage where the security certificate will be saved.
- Trusted credentials: View your system's root CA certificates and user-installed CA certificates.
- User credentials: View and change secure certificate information stored on your device.
- Install from storage: Install a secure certificate from a storage.
- Clear credentials: Delete user-installed secure certificates and related credentials.
 - Set up SIM card lock: Lock or unlock the USIM card, or change the password (PIN).
 - Phone administrators: Allows privileges to restrict the control or use of the device to particular apps.
 - 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.

Apps

You can check a list of installed apps, app permissions, and more.

1. On the settings screen, tap Apps.
2. Customize the settings.

Battery


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

1. On the settings screen, tap Battery.
2. Customize the following settings:
 - Battery usage: View the battery usage details.

- Battery percentage on status bar: Displays the remaining battery level as a percentage on the status bar.
- Adaptive battery: Allows you to save the battery by stopping apps running in the background.
- Background restrictions: Enable this option to restrict background apps to save the battery while using the device. Restricted apps for power saving may not work properly or may not send you notifications.
- Battery saver: Reduce battery consumption by cutting down some device settings, such as the display brightness, speed and vibration intensity.
- Power saving exclusions: Select apps to use without any functional limitation while in power saving or battery optimization mode.

Storage

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

1. On the settings screen, tap Storage.
2. Customize the following settings:
 - Internal 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.
 - SD card: 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  .

Accounts

You can add users to share your device and register a cloud account.

1. On the settings screen, tap Accounts.
2. Customize the settings.

Digital Wellbeing & parental controls

You can get an overview of your device usage, set a timer for each app, and manage the screen time and notifications.

You can also set up parental controls.

On the settings screen, tap Digital Wellbeing & parental controls and set the desired function.

Google

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

On the settings screen, tap Google.

System

Update center

You can check and install the latest version of the app or software provided by LG.

1. On the settings screen, tap System Update center.
2. Customize the following settings:
 - App Updates: Check if an app update is available. If available, you can install the update.
 - System update: Check if a software update is available. If available, you can install the update.

Language & keyboard

You can customize language and keyboard settings for your device.

1. On the settings screen, tap System Language & keyboard.
2. Customize the following settings:
 - Language: Select a language to apply for your device.
 - Manage keyboards: You can change the device's basic keyboard setting, set the use environments for LG Keyboard or other installed keyboards, and set the speech recognition function for Google Voice input. Also, you can set whether to display the keyboard button in the touch button area on the home screen so that you can quickly switch to another keyboard.
 - Physical keyboard: Select to use the physical keyboard, or check keyboard shortcut keys.
 - Spell checker: Allows you to set various options for Google Spell Checker.
 - Autofill service: Enable this option to enter your information saved in your account such as password, address, or credit card number with a single tap. You can also disable this option, use Google Autocomplete, or add a new service account.
 - Text-to-speech output: Configure the settings for text-to-speech output.
 - Pointer speed: Adjust the pointer speed of a mouse or trackpad.
 - Reverse mouse buttons: Reverse the right mouse button to perform primary direct-manipulation actions.

FAQ

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

Device overheats

Device overheats while it is in use

In the following cases, the battery consumption increases and the device may overheat:

- When you turn on the device for the first time or back up the data
- When running multiple apps simultaneously
 - When multiple apps are running in the background
 - When downloading large files while making a video call or recording a video
- When using features that require high power
 - When watching video streaming on the internet, or recording a long video
 - When playing high-end games for long time
 - When using the device with maximum screen brightness for a long time
- When using lots of mobile data
 - When using Wi-Fi hotspot or tethering
 - When synchronizing the data for multiple accounts simultaneously
- Other cases
 - When roaming overseas
 - When using the device in areas with weak signals or no reception
 - When charging the device with the charger/USB cable port that is damaged or contaminated with foreign substance



Some of the above cases may not apply depending on the features and apps.

Device overheats while charging.

- The device and the charger may become hot while charging. During wireless charging or fast charging (if supported), the device may become even hotter. If the battery temperature rises above a certain level, the device may stop charging.
 - Disconnect the charger from the device and close any running apps. Let the device cool down before charging the device or running an app again.
 - Stop charging if the charger/USB cable port at the lower part of the device overheats, and contact the LG Authorized Service Center.

How to solve overheating of the device

- Close any running apps or features, and let the device cool down.
- Always update the software to the latest version.

- Turn off Wi-Fi, Bluetooth, or GPS features while not using them.
- Close apps you don't use.
- If you are using the device with maximum screen brightness, decrease the brightness.
- If the device overheats for a prolonged period, stop using it for a while. If the device continues to overheat, contact the LG Authorized Service Center

Usage limitations when the device overheats

If the device overheats while using it or charging, some features, apps, or even the device may be turned off.

This is a normal operation for the devices that support this feature.

- If the device temperature rises above a certain level, a warning message appears.
 - If you play high-end games, record videos, or upload large files, the device may overheat for a prolonged period. In this case, a warning message may appear to notify automatic shutdown. Turn off the device or close any running apps or features, and let the device cool down.
- The screen brightness and the operating speed may be limited to cool down the device. Any running apps or features may slow down or stop. The device may stop charging

SIM card error

Make sure the SIM card is correctly inserted.

No network connection or dropped network

Signal is weak. Move to a window or an open area.

You are outside the carrier network area. Move and check the network.

Calls are not available

New network not authorized.

Make sure you have not set call barring for the incoming number.

Make sure you have not set call barring for the number you are dialing.

Device cannot be turned on

When the battery is completely discharged, your device will not turn on.

Fully charge the battery before turning on the device.

Charging error

Make sure the device is charging at a moderate temperature.

Check the charger and its connection to the device.

Use only in-box accessories which are authorized by LG.

The battery depletes faster than when first purchased

When you expose the device or the battery to very cold or hot temperatures, the battery life may be reduced.

Battery consumption will increase when you use certain features or apps, such as GPS, games or the Internet.

The battery is consumable and the battery life will get shorter over time.

Error messages appear when launching the camera

Charge the battery.

Free some memory by transferring files to a computer or deleting files from your device.

Restart the device.

If you are still having trouble with the camera app after trying these tips, contact the LG Authorized Service Center.

The photo quality is poor

The quality of your photos may vary, depending on the surroundings and the photography techniques you use.

When you take photos and videos, keep in mind that the image quality with standard angle is better than that with wide-angle.

If you take photos in dark areas, at night or indoors, image noise may occur or images may be out of focus.

If you have any problems, reset the options.

The touch screen responds slowly or incorrectly

If you attach a screen protector or optional accessories to the touch screen, the touch screen may not function properly.

If you are wearing gloves, if your hands are not clean while touching the touch screen or if you tap the screen with sharp objects or your fingertips, the touch screen may malfunction.

The touch screen may malfunction in humid conditions or when exposed to water.

Restart your device to clear any temporary software bugs.

If the touch screen is scratched or damaged, contact the LG Authorized Service Center.

Hangs or freezes

Restart the device

- If your device freezes or hangs, you may need to close apps or turn the device off and then on again.

Perform a boot-up

- Press and hold the Power/Lock key and the Volume Down key until the device restarts.

Reset the device

- If the methods above do not solve your problem, perform a factory data reset.
- On the settings screen, tap System > Restart & reset > Factory data reset.
 - Reset all settings for the device and delete data. Before performing the factory data reset, remember to make backup copies of all important data stored in the device.
 - If you registered a Google account to the device, you must sign in to the same Google account after resetting the device.

Bluetooth device is not located

Make sure the Bluetooth wireless feature is activated on your device.

Make sure the Bluetooth wireless feature is activated on the device you wish to connect to.

Make sure your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve your problem, contact the LG Authorized Service Center.

A connection is not established when you connect the device to a computer

Make sure the USB cable you are using is compatible with your device.

Make sure you have the proper driver installed and updated on your computer.

Downloaded application causes a lot of errors

Application has problems.

Remove and reinstall the application

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

