

Basic Functions

Product components and accessories

The following items are included with your device.

- Device
- USB cable
- Charger
- Quick Start Guide
- Ejection pin

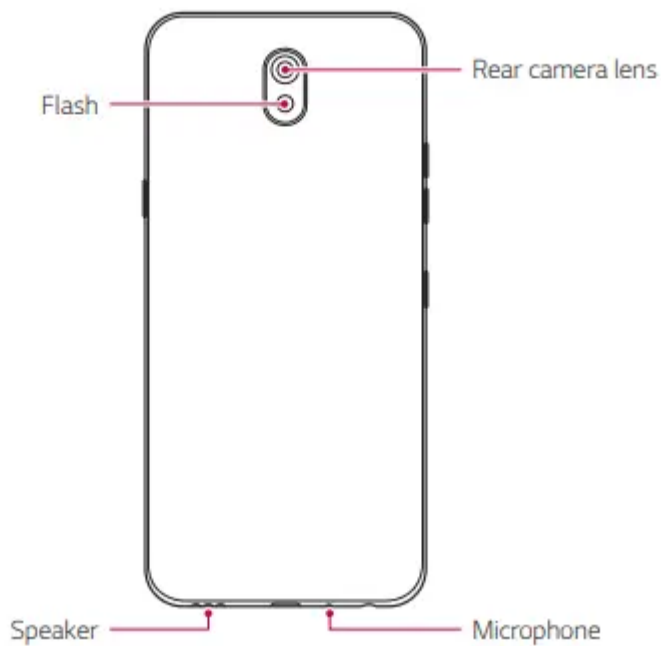
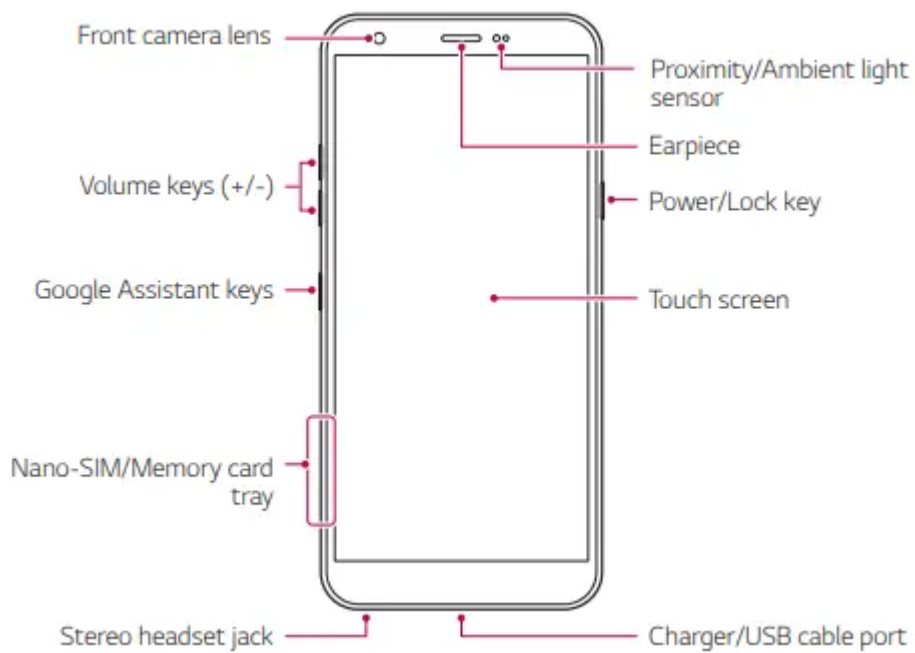


- The items supplied with the device and any available accessories may vary depending on the area and service provider.
- Always use genuine LG Electronics accessories. Using accessories made by other manufacturers may affect your device's call performance or cause malfunctions. This may not be covered by LG's repair service.
- Some of the device parts are made of tempered glass. If you drop your device on a hard surface or subject it to severe impact, the tempered glass may be damaged. If this happens, stop using your device immediately and contact an LG Customer Service Center



- 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 Center.
- To purchase optional items, contact an LG Customer Service Center 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.

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.

1. 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.

2. 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 Capture+.

3. 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.

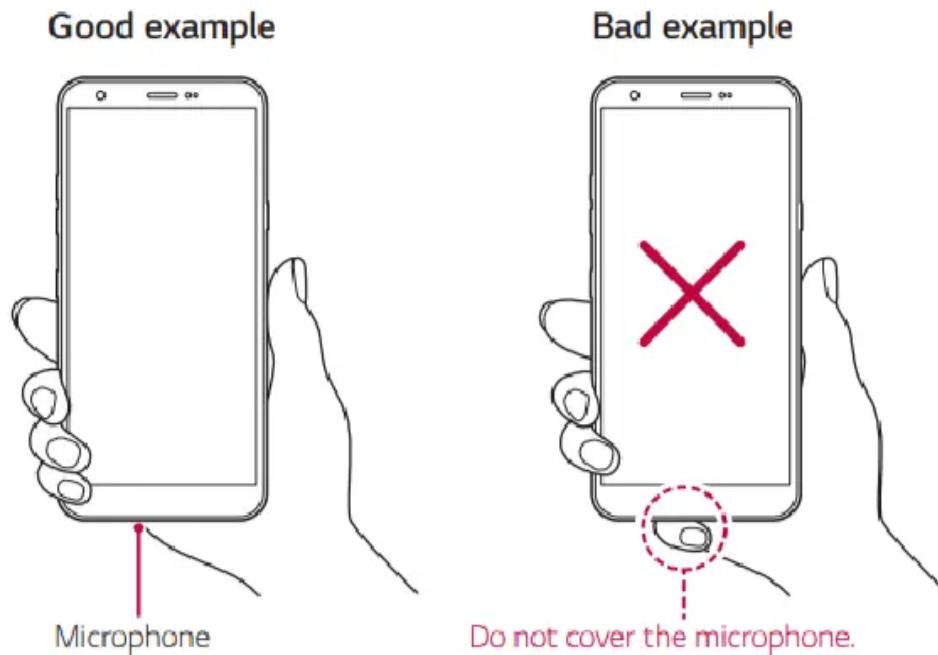


- Some functions may be restricted for access, depending on the device specifications.
- Do not put heavy objects on the device or sit on it. Doing so may damage the touch screen.
- Screen-protective film or accessories may interfere with the proximity sensor.
- If your device is wet or is being used in a humid place, the touch screen or buttons may not function properly.

1. **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.

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 is restarted, 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.

- **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 card provided by your mobile service provider to start using your device.



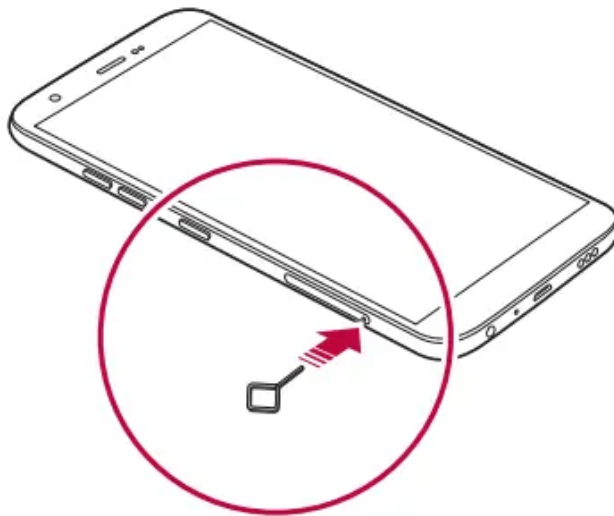
Be careful with the ejection pin since it has a sharp edge.



In order for the water-resistant and dust-resistant features to work effectively, the card tray must be inserted correctly.

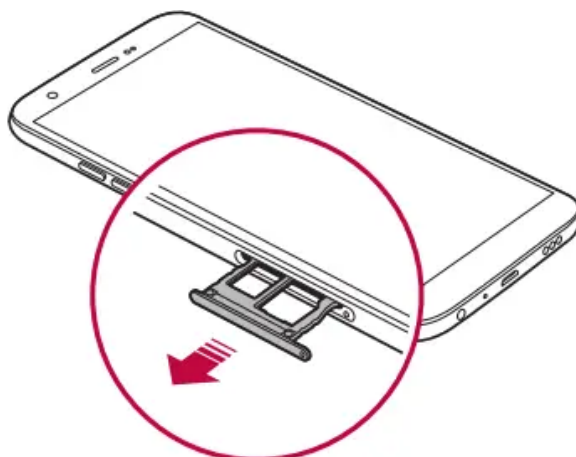
1. Insert the ejection pin into the hole on the card tray.

◦

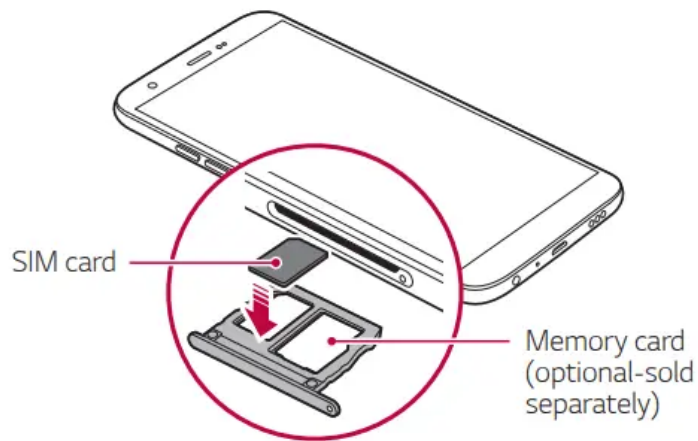


2. Pull out the card tray

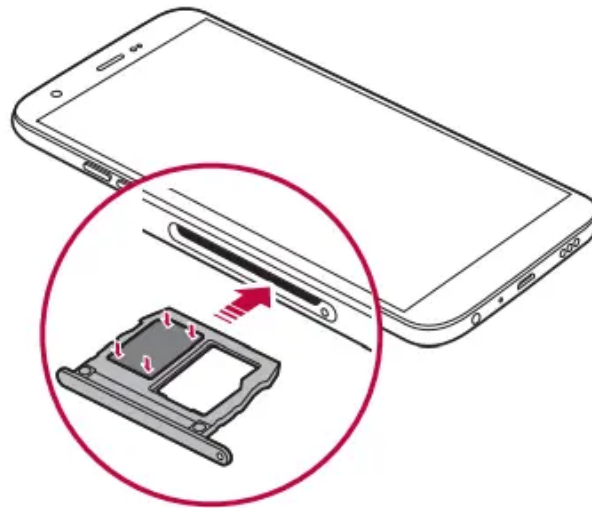
◦




3. Put the SIM card 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.
- If you insert the card tray into your device while the card tray is wet, your device may be damaged. Always make sure the card tray is dry.

Precautions when using the SIM card

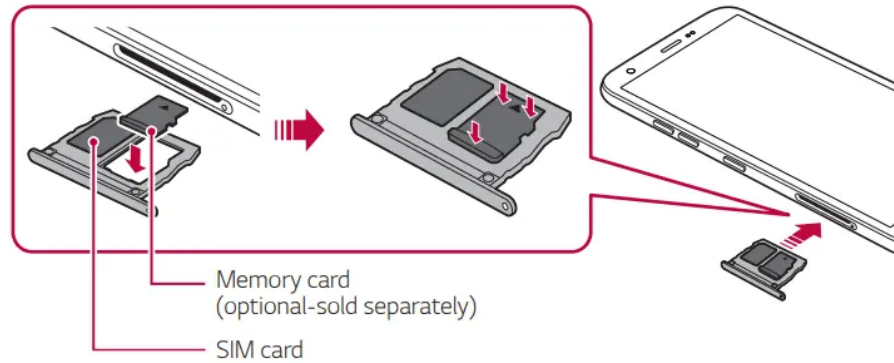
- Do not lose your SIM card. LG is not responsible for damage and other issues caused by loss or transfer of a SIM card.
- Be careful not to damage the SIM card when you insert or remove it.

Inserting the memory card

Insert the memory card into your device.

The device can support up to a **32GB** microSD card. Depending on the memory card manufacturer and type, some memory card may not be compatible with your device.

1. Insert the ejection pin into the hole on the card tray.
2. Pull out the card tray.
3. Put the memory card on the card tray with the gold-colored contacts facing downwards.



4. Insert the card tray back into the 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** => **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.

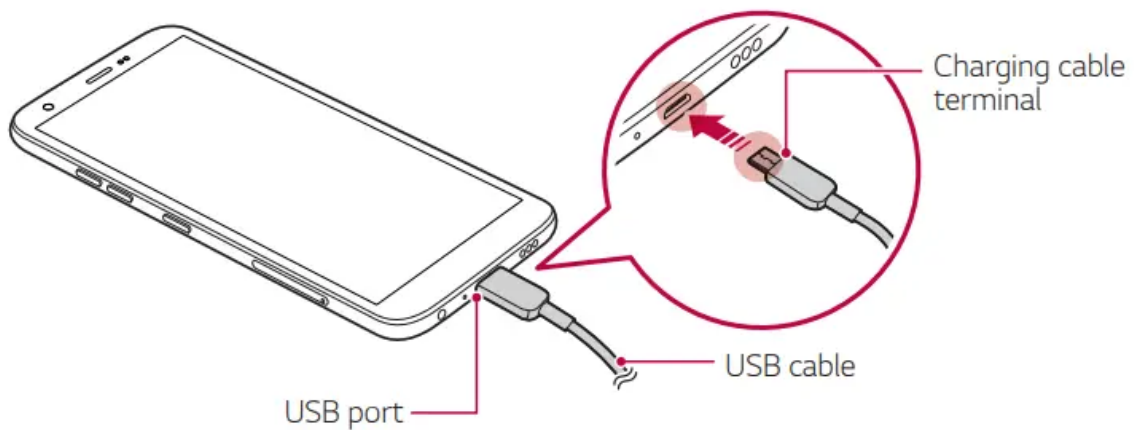




Do not remove the memory card while the device is transferring or accessing information. This may cause data to be lost or corrupted, or may damage the memory card or the device. LG is not responsible for losses that result from the abuse or improper use of memory cards, including the loss of data.

Battery

Charging the battery

Before using the device, fully charge the battery.



-  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.
- Make sure to use the USB cable provided with your device.
- Make sure to use an LG-approved charger and charging cable. Charging the battery with a third-party charger may cause the battery to explode or may damage the device.
- Your device has an internal rechargeable battery. For your safety, do not remove the embedded battery.
- 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.

Precautions when using the device

- 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. Stop apps and functions from running in the background to increase battery life. To minimize battery consumption, follow these tips:

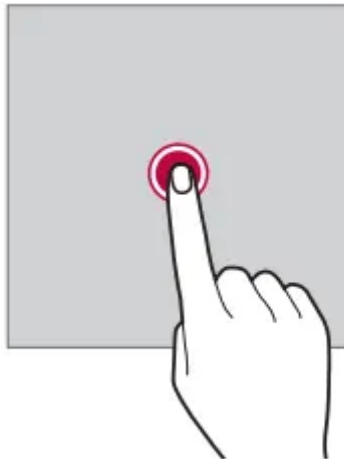
- Turn off the **Bluetooth®** or Wi-Fi network function when not using them.
- Set the screen timeout to as short a time as possible.
- Minimize the screen brightness.
- Set a screen lock when the device is not in use.
- Check the battery level while using any downloaded apps.

Touch screen

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

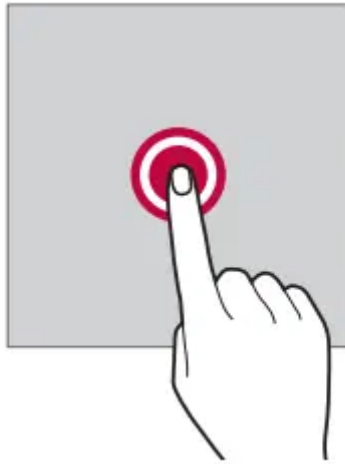
Tapping

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



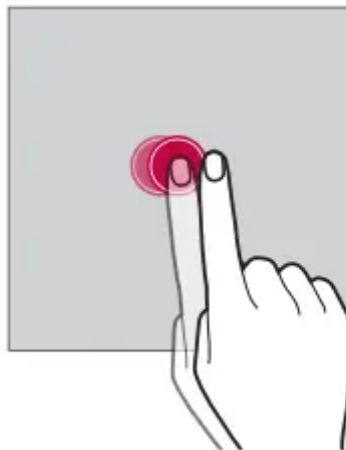
Touching and holding

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



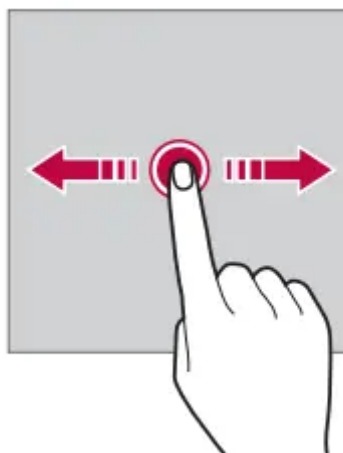
Double-tapping

Tap the screen twice quickly to zoom in or out on a specific app.



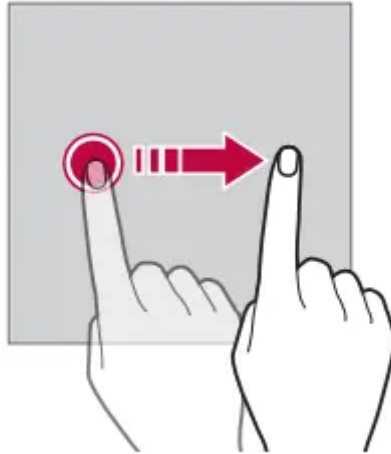
Dragging

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



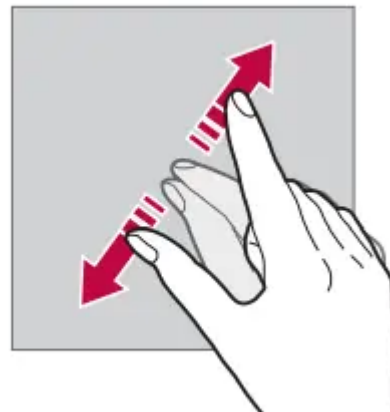
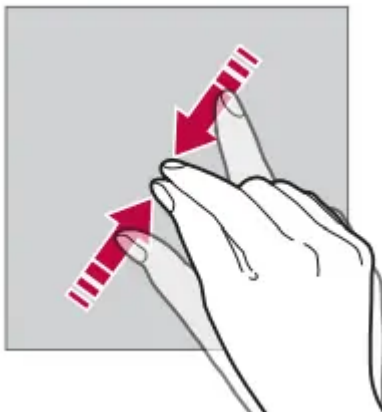
Swiping

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.
- 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

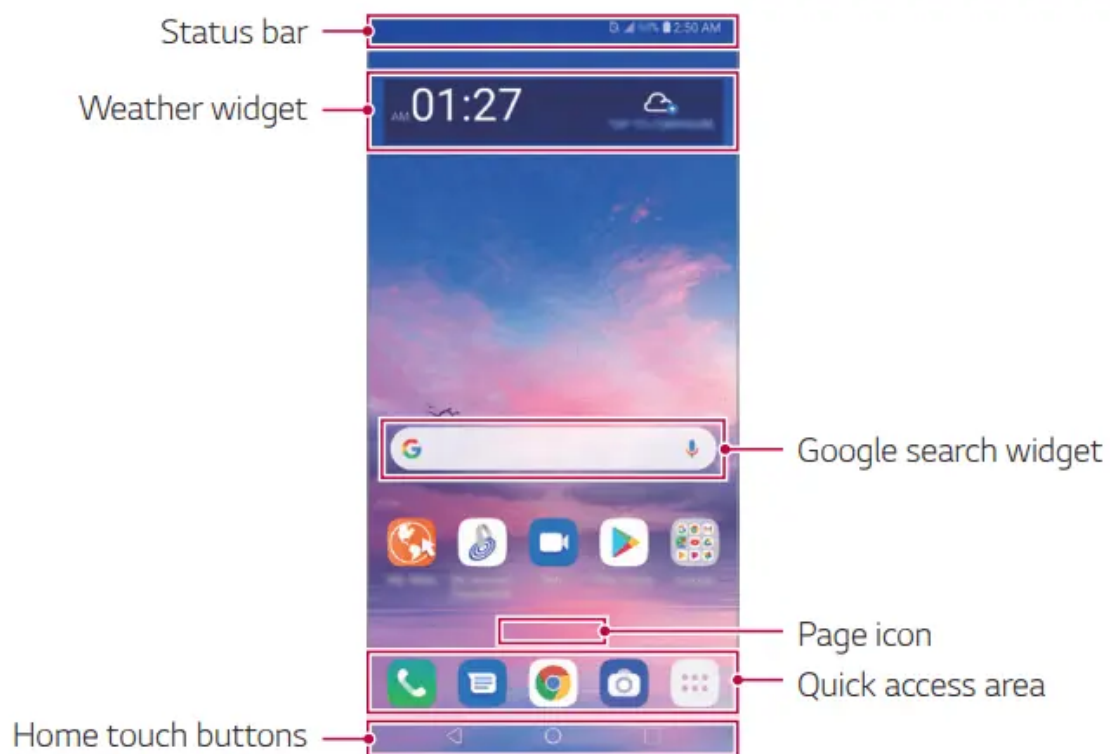
The Home screen is the starting point for accessing various functions and apps on your device.

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.

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 weather information or time for a specific area.
- **Google search widget:** Perform a Google search by inputting spoken or written keywords.
- **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.
- **Home touch buttons**

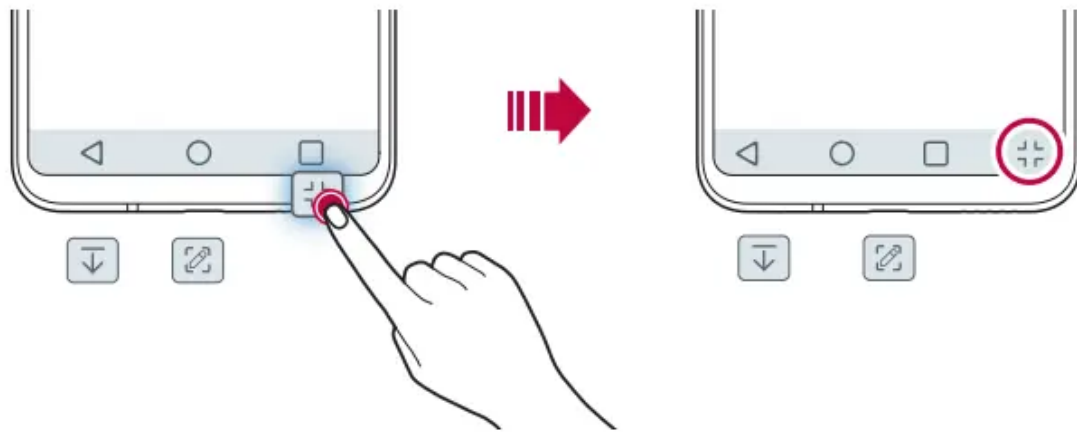
-  Return to the previous screen. Close the keypad or pop-up windows.
-  Tap to go to the Home screen. To launch Google Assistant, touch and hold.
-  Tap to view a list of recently used apps or run an app from the list. To delete all the recently used apps, tap **CLEAR ALL**. To use two apps at the same 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 customize the settings.


- Several functions, including QSlide, **Notification** and **Capture+**, are provided. A maximum of two additional 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.

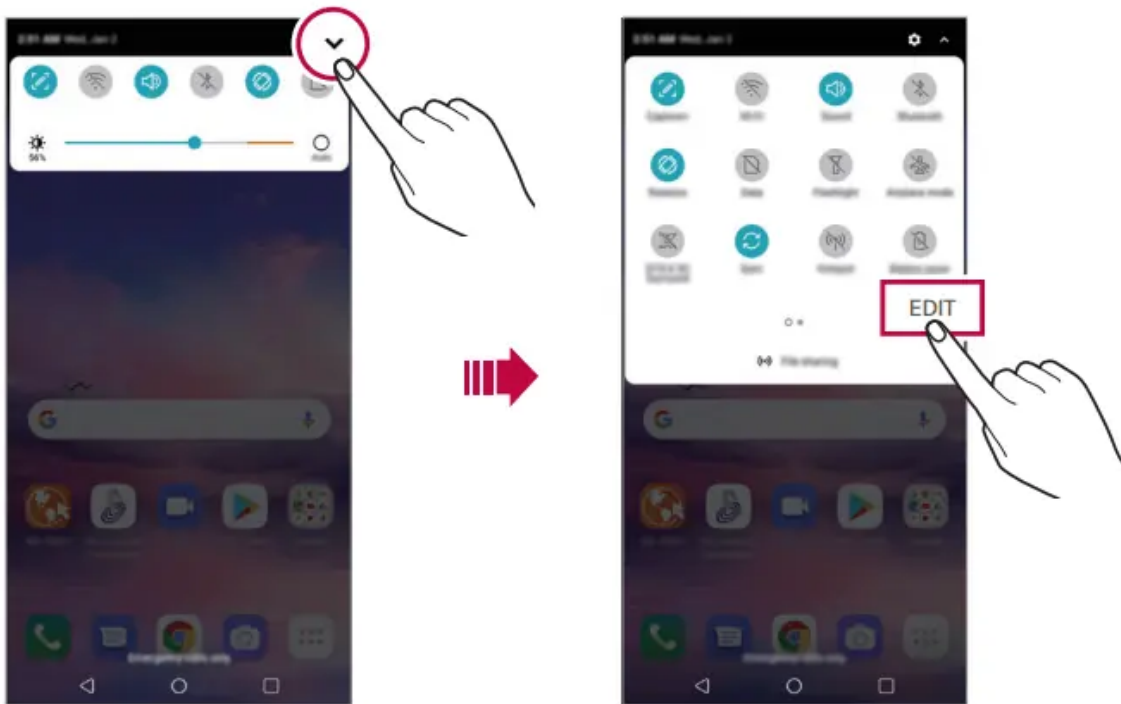
	No signal
	Data is being transmitted over the network
	Alarm is set
	Vibrate mode is on
	Bluetooth is on
	Connected to a computer via USB
	Battery level
	Airplane mode is on
	Missed calls
	Wi-Fi is connected
	Mute mode is on
	GPS is on
	Hotspot is on
	No SIM card

-  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 and area in which you are using the device and your service provider.
- 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.



You can use the notifications panel even on the lock screen. Drag the notifications panel while the screen is locked to quickly access the desired features.

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.**




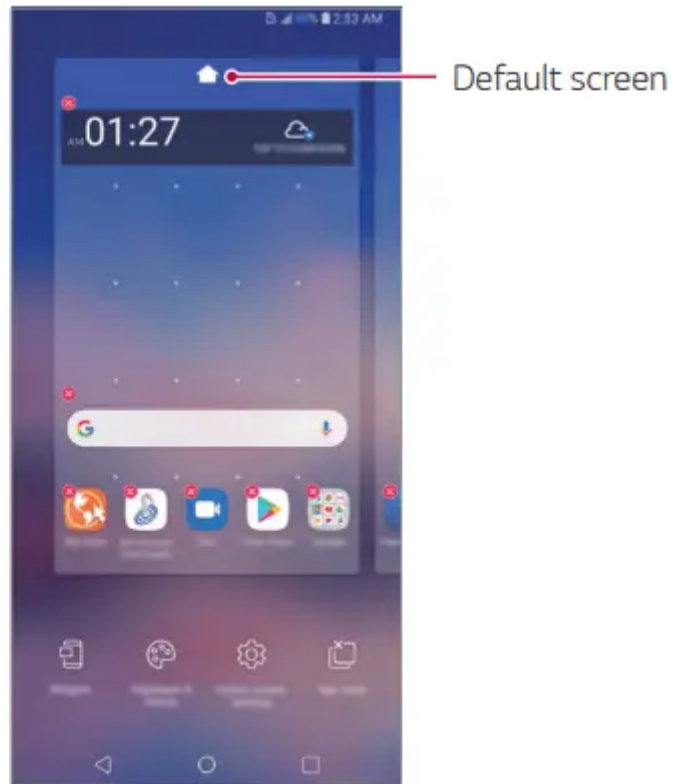
Editing the Home screen

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 a desired 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 wallpaper or theme, touch and hold on a blank area of the Home screen, then select **Wallpaper & theme**.

You can also tap  => **Settings** => **Display** => **Wallpaper & theme**, then select a desired wallpaper and 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 **App trash**. See **App trash for details**.
- To change the default screen, touch and hold on a blank area of the Home screen, move to desired screen, tap , then tap the screen once more.

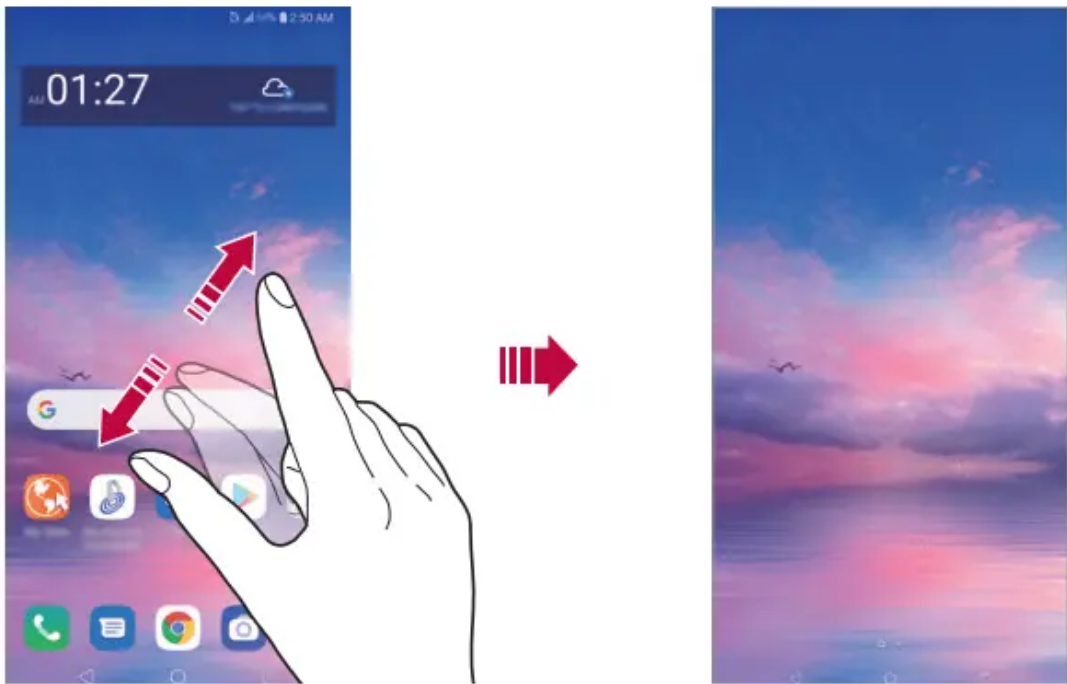


Viewing the background theme

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 a desired 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 color, 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 there is only one app remaining in the folder, the folder is removed automatically.
- You can also add or remove apps after tapping **+** in the folder.



The folder color cannot be changed for downloaded themes.

Home screen settings

You can customize the Home screen settings.

1. Tap  => **Settings** => **Display** => **Home screen**.
2. Customize 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.
 - **Icon shape:** Choose a desired shape for icons.
 - **Google feed:** Enable Google feed to show to the left of Home screen.
 - **Grid:** Change the app arrangement mode for the Home screen.
 - **Loop Home screen:** Enable to allow continuous Home screen scrolling (loop back to the first screen after the last screen).
 - **Search:** Search by swiping down on the Home screen.
 - **Home screen lock:** Turn on to prevent apps and widgets from being rearranged or removed.

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.



A 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.

Setting a screen lock

There are several screen lock options available.

1. Tap  => **Settings** **Lock screen & security** => **Select screen lock** and then select the method you prefer.

2. Customize the following settings:

- None: Deactivate the screen lock function.
- Swipe: Swipe on the screen 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.

Secure start-up settings

For additional security for your device, you can enable the Secure start-up option when setting a screen lock.


- 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.

Precautions for the secure start-up feature

- If you forget your decryption password, you cannot restore encrypted data and personal information.
- Be sure to keep your screen lock passwords separately.
- If you enter the screen lock passwords incorrectly more than the specified times, the device automatically resets itself and the encrypted data and your personal information are deleted automatically and they cannot be restored.
- Be cautious not to enter incorrect screen lock passwords more than the specified times.
- When you turn on the device right after the device reboots, encryption also starts. If you stop the encryption arbitrarily, the data may be damaged. Be sure to wait until the reboot is completed.

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 the screen on

Double-tap the middle of the screen.

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



Turning the screen off

Double-tap on an empty space on the screen.

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

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** => **Lock screen & security** => **Encryption & credentials** => **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 that 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 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 Gallery.

Via Capture+



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

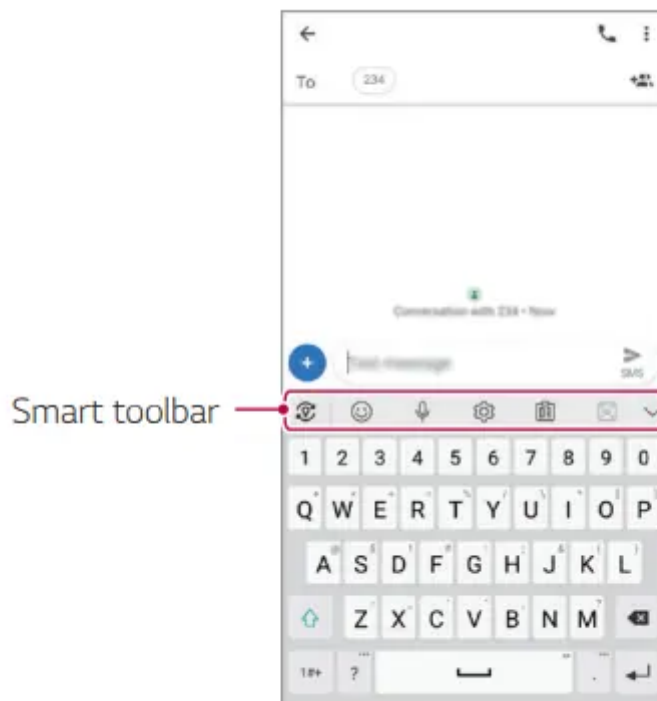
- When the screen is turned off or locked, you can access Capture+ by pressing the Volume Up key twice. To use this feature, tap  => **Settings => Extensions => Shortcuts and turn on => Open Capture+.**
- See [*Writing notes on a screenshot for details.*](#)


Entering text

Using the Smart toolbar









You can use various keyboard input methods in one place. You can select the desired input method from the top of the keyboard.

1. Select the desired keyboard input method from the Smart toolbar.
2. Tap   , then touch and drag each tool to reorganize as desired.



-  Some supporting input methods may differ depending on the device you have.
- You can turn on or off the Smart tool feature from the keyboard settings.

Smart Tool

	Tap to hide the smart tools.
	Tap to add emojis.
	Tap to enter text by using voice. <ul style="list-style-type: none">• To maximize 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 not be supported, or the supported languages may differ depending on the service area.
	Tap to access keyboard settings.
	Tap to open the clip tray. For more information, please see Clip Tray .
	Tap to let the keyboard float, when you use the Multi-window feature. You can also move the keyboard to the desired location.
	Tap to bring the smart tools back.

Using the Smart keyboard

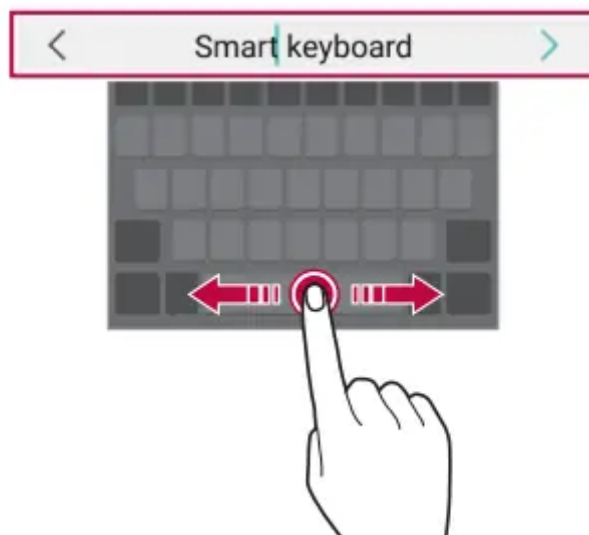
You can use the Smart keyboard to enter and edit text.

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.



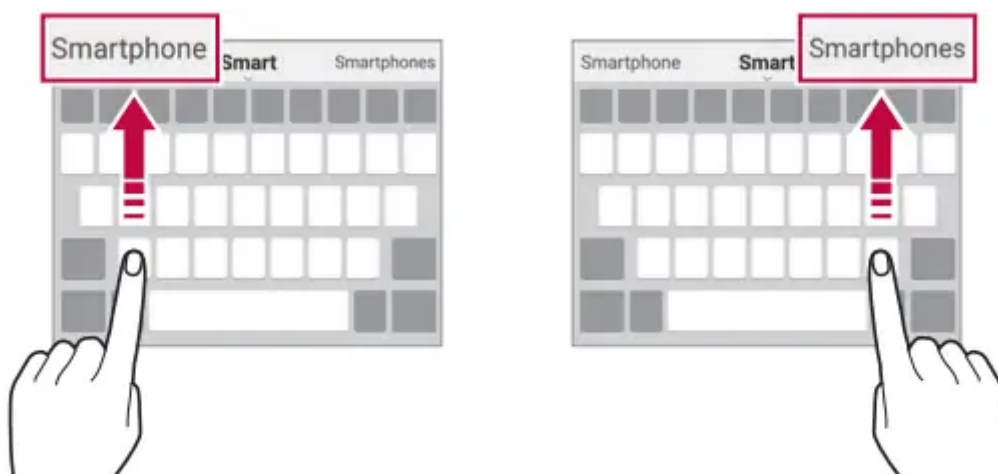
This option is available only on the **QWERTY** keyboard.

Suggesting words

Smart keyboard automatically analyzes 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.

- The selected word is automatically entered. You do not need to manually type every letter of the word.

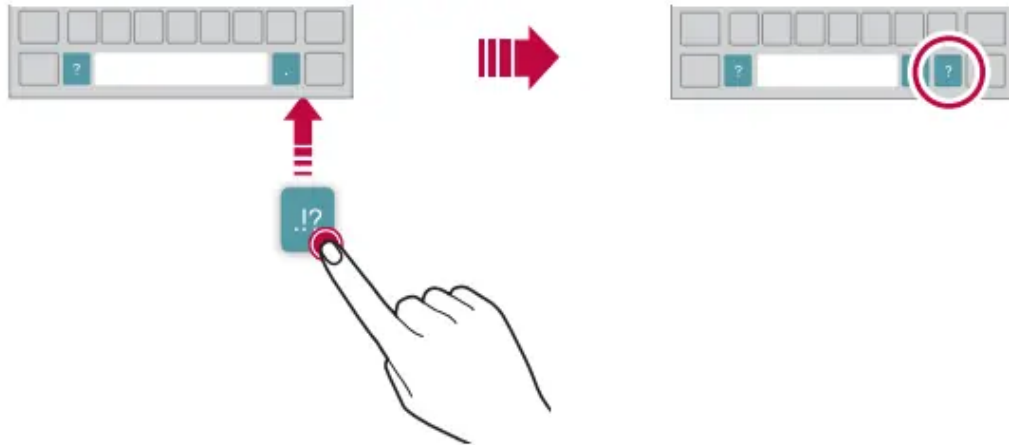



Changing the QWERTY keyboard layout

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

1. Tap  => **Settings** => **System** => **Language & keyboard** => **On-screen keyboard LG** => **Keyboard** => **Keyboard height and layout** => **QWERTY keyboard layout**. You can also tap  => **Keyboard height and layout** => **QWERTY keyboard layout**.



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



-  This option is available on the QWERTY, QWERTZ and AZERTY keyboards.
- This function may not be supported for some languages.

Customizing the keyboard height



You can customize the keyboard height to maximize hand comfort when typing.

1. Tap  => **Settings => System => Language & keyboard => On-screen keyboard LG => Keyboard => Keyboard height and layout => Keyboard height.** You can also tap  => **Keyboard height and layout => Keyboard height.**
2. Adjust the keyboard height.



Selecting a landscape keyboard mode

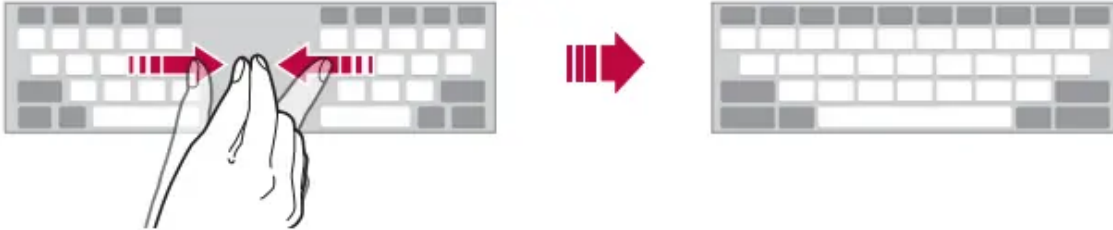
You can select a landscape keyboard mode from several choices.

1. Tap  => **Settings => System => Language & keyboard => On-screen keyboard LG => Keyboard => Keyboard height and layout => Keyboard type in landscape.** You can also tap  => **Keyboard height and layout => Keyboard type in landscape.**
2. Select a keyboard mode.



Splitting the keyboard

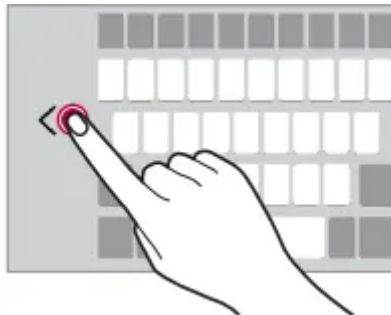
You can split the keyboard in half and place each piece on either side of the screen when the screen is in landscape mode.

To split the keyboard, turn the device horizontally and spread it apart on both sides with holding the keyboard with two fingers. To attach the keyboard, close it with pressing with two fingers.





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 => System => Language & keyboard => On-screen keyboard LG => Keyboard => Keyboard height and layout => Onehanded operation.** You can also tap  => **Keyboard height and layout => One-handed operation.**
2. Press the arrow displayed next to the keyboard to move the keyboard in the desired direction.



Adding languages to the keyboard


You can make additional languages available for keyboard input.

1. Tap  => **Settings => System => Language & keyboard => On-screen keyboard LG => Keyboard => Select languages.** You can also tap  => **Select languages.**
2. Select the languages you want to use on the keyboard.

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.




Entering text by using voice

On the keyboard, tap .

- To maximize 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 not be supported, or the supported languages may differ depending on the service area.

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, tap .
 - 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.

Do not disturb

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

Tap  => **Settings** => **Sound** Do not disturb.


- **Mode 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.
- **Select priorities:** Receive alarms and the notifications for the selected apps.
 - App notifications: Select apps to receive the notifications.
 - Calls from: Set up a range of notifications when receiving a call.
 - Repeated calls: Second call from same caller within 15 min is not silenced.
 - Messages from: Set up a range of notifications when receiving a message.
- **Use Do not disturb:** Turn on the Do not disturb feature.
- **SCHEDULE:** Set the schedule for which you want to turn on the Do not disturb feature.
- **Help:** View the help for Do not disturb.

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 Delete at the top of the screen.

- Uninstalled apps can be reinstalled within **24** hours of uninstallation. See App trash for details.

Uninstalling by using the settings menu

Tap  => **Settings** => **Apps & notifications** => **App info**, 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.



Installing and uninstalling apps during the setup

When you turn on the device for the first time, you can download recommended apps.

You can skip to the next step without installation.

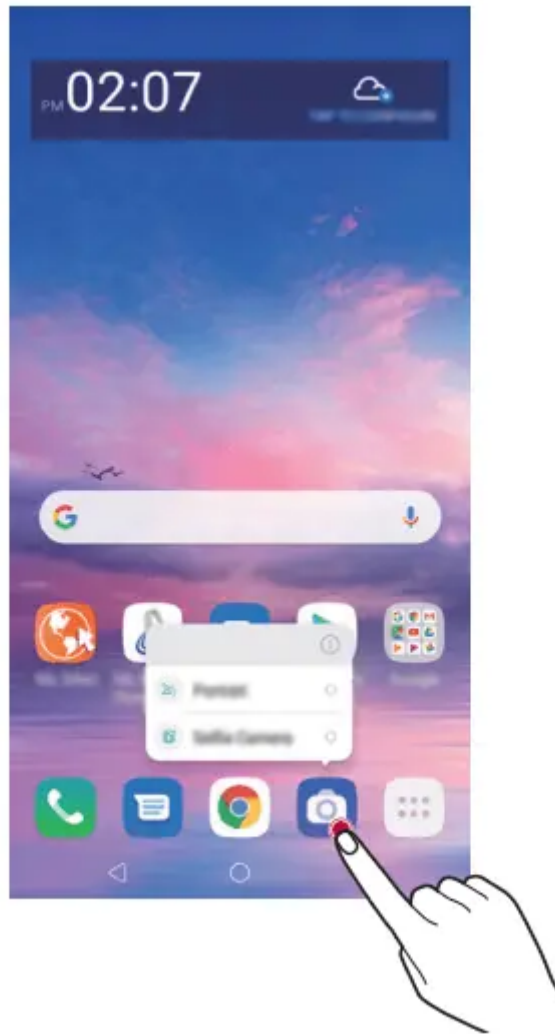
App trash

You can view the uninstalled apps on the Home screen. You can also reinstall apps within 24 hours of uninstallation.

1. Touch and hold an empty area of the Home screen, then tap App trash.
 2. Choose the desired option.
 - Restore: Restore 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.

App Shortcuts

On the Home screen, touch and hold an app icon such as Phone, Messages, Camera, Gallery and Settings to display a quick access menu. Use apps more easily through App Shortcuts.





• This feature is available only on some apps.


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  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 answer a call using a shortcut key, tap  => **Settings => Network & internet => Call Answer and end calls => Press the Volume Up key to**, and select **Answer call**.
- To end a call with the Power key, tap  => **Settings => Network & internet => Call => Answer and end calls**, and activate **End call 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 => Network & internet => 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.




Checking an incoming call while using an app

When a call comes in while using an app, a pop-up notification can be displayed at the top of the screen. You can receive the call, reject the call, or send message from the pop-up screen.



Tap  Tap  => **Settings => Network & internet => Call => Additional settings => Incoming voice call pop-up.**



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 the on-screen buttons:

- **Contacts** (This function may vary depending on the service provider): Allows access to your contacts list.
- **Hold** (This function may vary depending on the service provider): Place the current call on hold.
- **Add call** (This function may vary depending on the service provider): Allows you to add another caller to initiate a conference call.
- **Dialpad**: Display or hide the dial pad.
- **Speaker**: Turn on the speakerphone function.
- **Mute**: Block your voice so that the other party cannot hear your voice.
- **Bluetooth**: Switch the call to a Bluetooth device that is paired and connected.


-  : End a call.
-  : Access additional call options.



Available setting 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** or **Add call** (Depending on the service provider).
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 or 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.

Messages

Sending a message

You can create and send messages to your contacts using the Messages 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 or to send the message.

Reading a message

You can view exchanged messages organized 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.

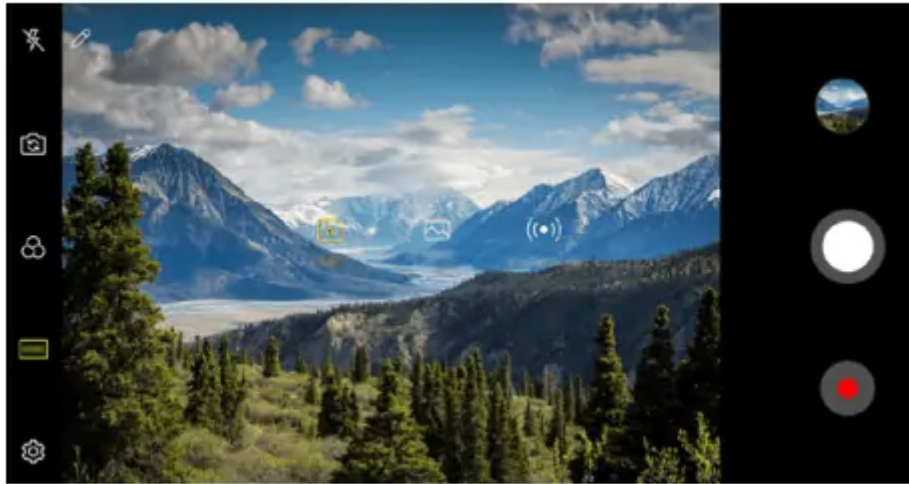
Tap => .

- 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.
- Images included in this user guide may be different from the actual device.
- Photos and videos can be viewed or edited in 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.

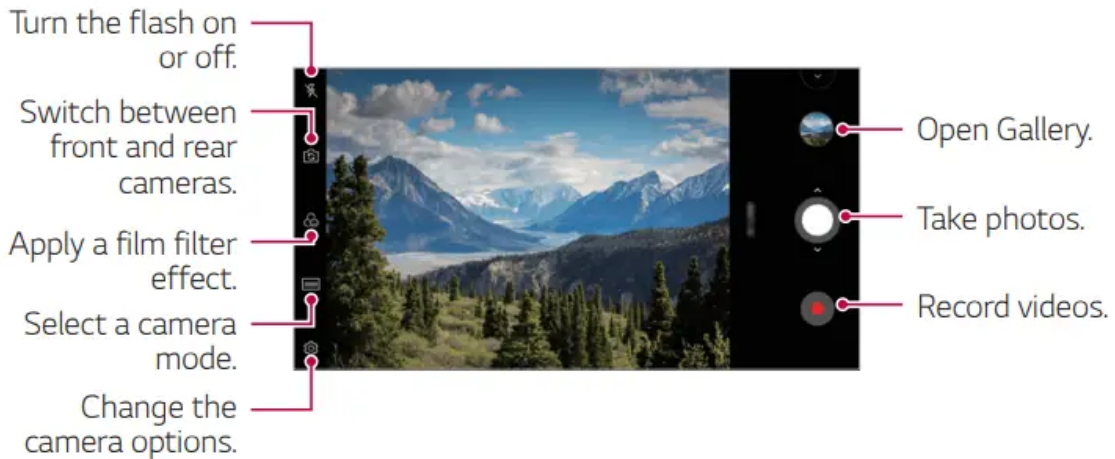
Tap  =>  => **MODE**, then select the desired mode.



Auto mode

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

1. Tap  => , then tap **MODE Auto** .
2. To take a photo, tap . To record a video, tap .




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 Power key or the Volume Down key twice. Tap  => **Settings** => **Extensions** => **Shortcuts and enable** => **Open Camera under POWER** and/ or **VOLUME**.

Recording a video


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

2. Tap .


◦ 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.

Customizing the camera options

You can customize 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.

- : Take a photo or record a video in FullVision (18:9 aspect ratio).
- : Select values for aspect ratio and size for taking photos.
- : Select values for resolution and size for recording videos.
- : Set the timer to automatically take photos or record videos after a specified period of time.

1. HDR

- Obtain photos in vivid colors 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.

2. Cheese shutter

- Take photos with voice commands.

3. Scan QR code

- Scan QR code on the camera preview screen.

4. Tag locations

- Save the image with GPS location data.

5. Grid

- Display guide grids so that you can take photos or record videos based on the horizontal and vertical reference lines.

6. Help Provide

- Help for each camera menu.

7. Selfie shot

- Take a selfie by selecting its option between Gesture shot and Auto shot.

8. Gesture view

- Allows you to view the photo immediately after taking a photo.

9. Save as flipped

- Save as flipped images after taking selfies

Additional options on the front camera

1. Selfie shot

- Take a selfie by selecting its option between Gesture shot and Auto shot.

2. Gesture view

- Allows you to view the photo immediately after taking a photo.

3. Save as flipped

- Save as flipped images after taking selfies.





When using the front camera, you can adjust the filter, lighting effect, and skin tone.

Various camera modes

YouTube Live

You can record a video and directly upload to YouTube.

1. Tap  => .

2. Tap **MODE** => .


- To use this feature, you need to verify your phone number.





YouTube Live is available only when your device is connected to the Internet. If you use mobile data, you may be charged for data usage, depending on your pricing plan.

Burst shot

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

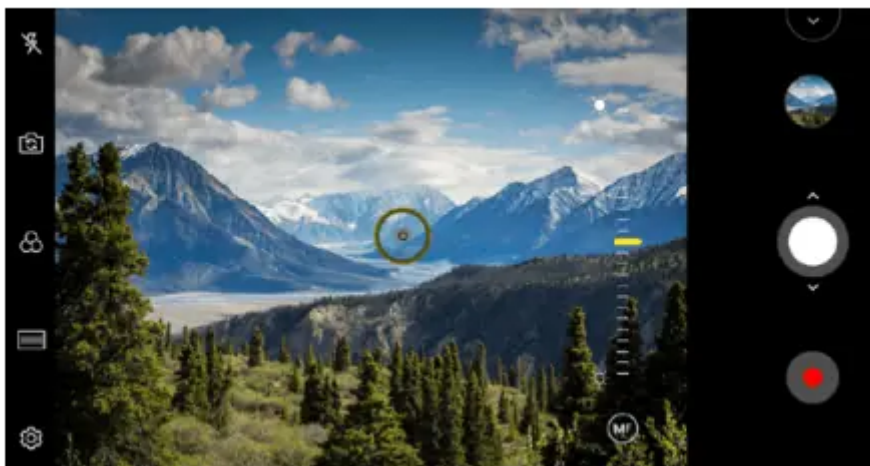
In the Auto mode, touch and hold  .

- Continuous shots are taken at a fast speed while  is held down.
-  You can take up to 30 photos with the rear camera and 20 photos with the front camera.
- This feature is available only in specific modes.

Other useful features in the Camera app

Auto-Exposure/Auto-Focus 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.

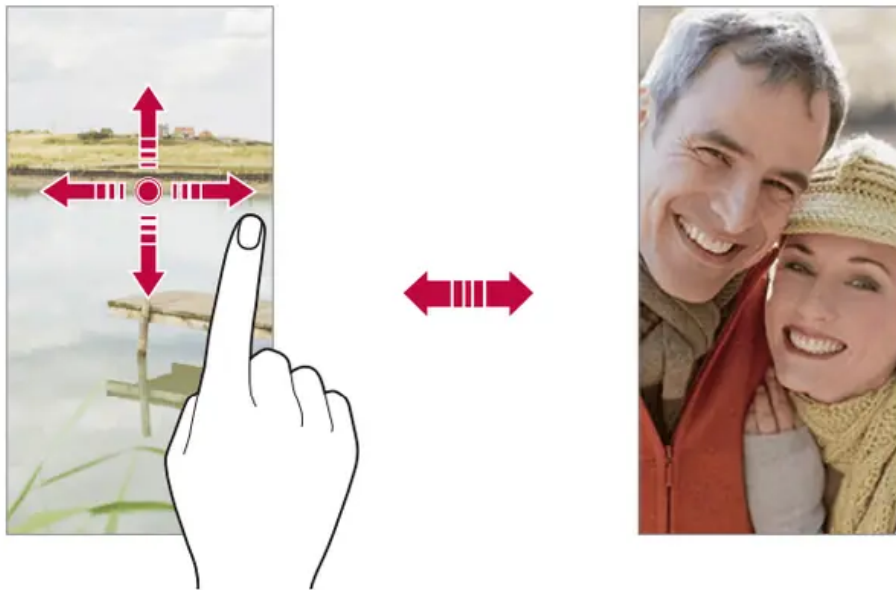


- This feature is available only in specific modes.

Switching between cameras

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


On the camera screen, tap  or swipe 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.

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.
- You can also drag the  button up, down, left or right (depending on the orientation of the phone). This feature is available only in Auto mode and Manual camera mode.
- The zoom feature is not available when using the front camera in selfie mode.

Selfie shot

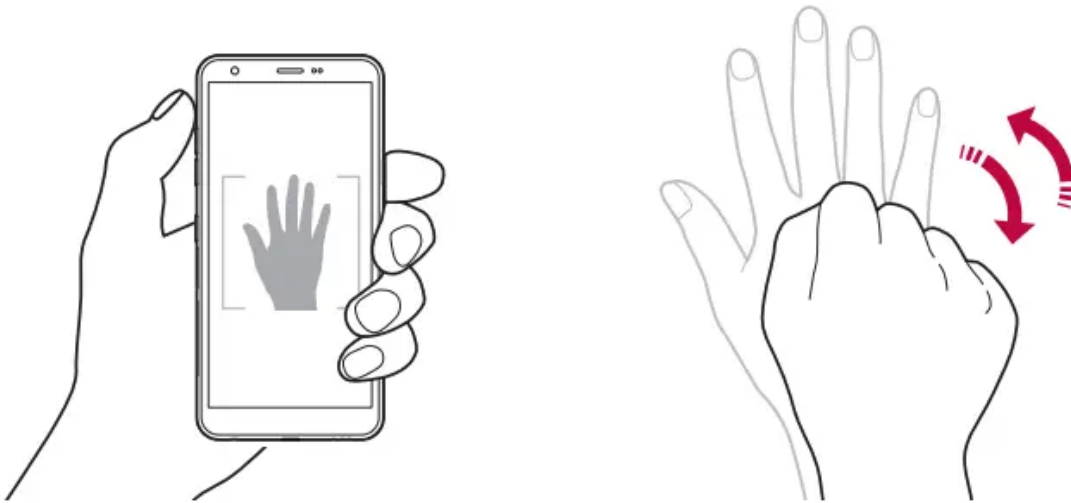
You can use the front camera to view your face on the screen and take selfies.



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 be 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 colored guide frame appears when the front camera detects your face. If the subject within the guide frame stops moving, the guide frame color turns yellow, then the camera takes a photo.



Tap



=> Selfie shot => Auto shot to enable the => Auto shot feature.

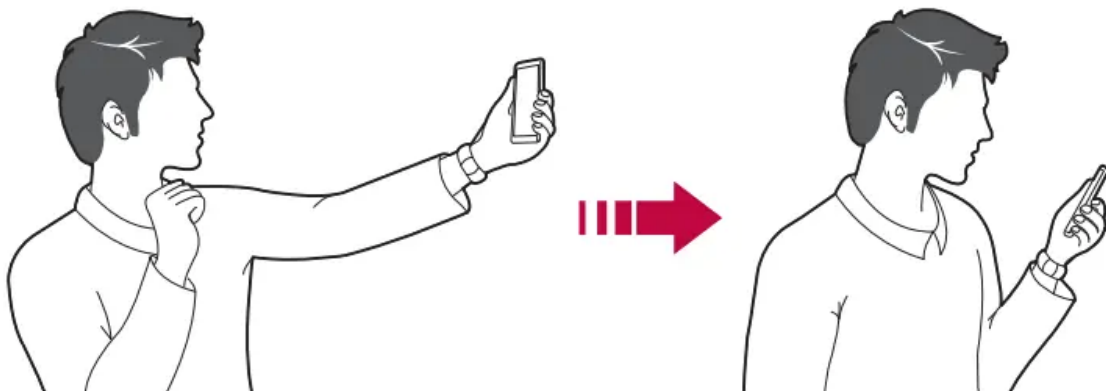
Interval shot


You can take selfies at an interval. While using the front camera, you can show your palm to the camera, then clench your fist twice quickly.

- Four photos are taken at regular intervals 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

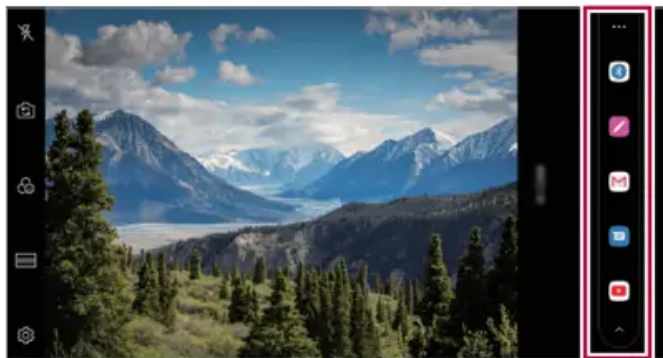
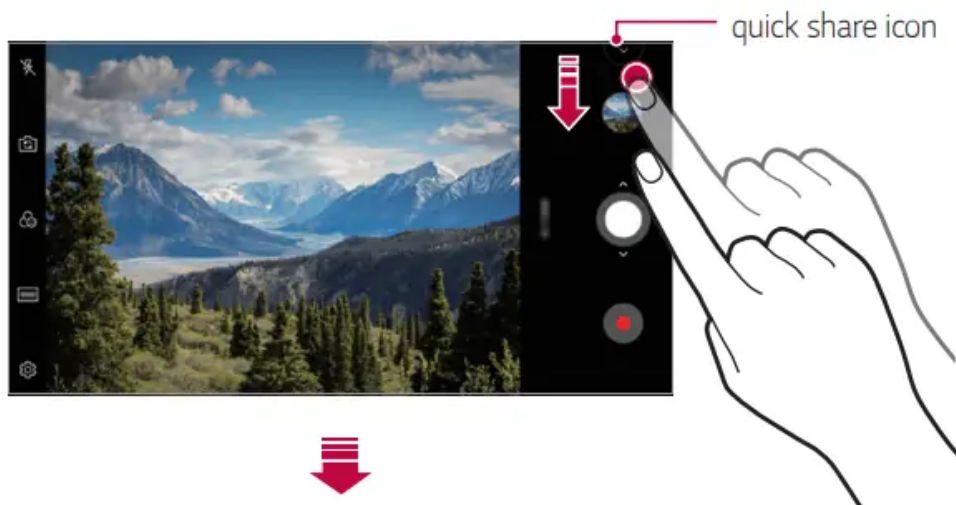
Before taking a photo with the front camera, tap  => **Save as flipped**. The image is flipped horizontally.

When using the front camera, you can change the selfie shot settings in the camera options. See *Customizing the camera* options for details.

quick share

You can share a photo or video using a desired app 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.







• 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.

- This feature is available only in specific modes.

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.

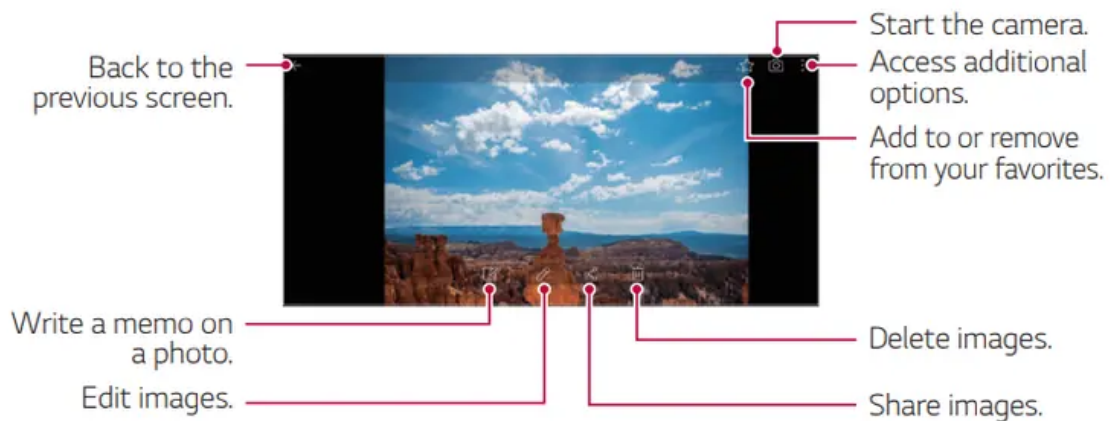
2. Tap a folder and select a file.

- 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



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


Writing a memo on the photo

1. While viewing a photo, tap .


2. Write a memo on the photo and tap **SAVE**.

- The memo is applied to the photo.
- Some photos may not support the photo memo feature.

Editing photos

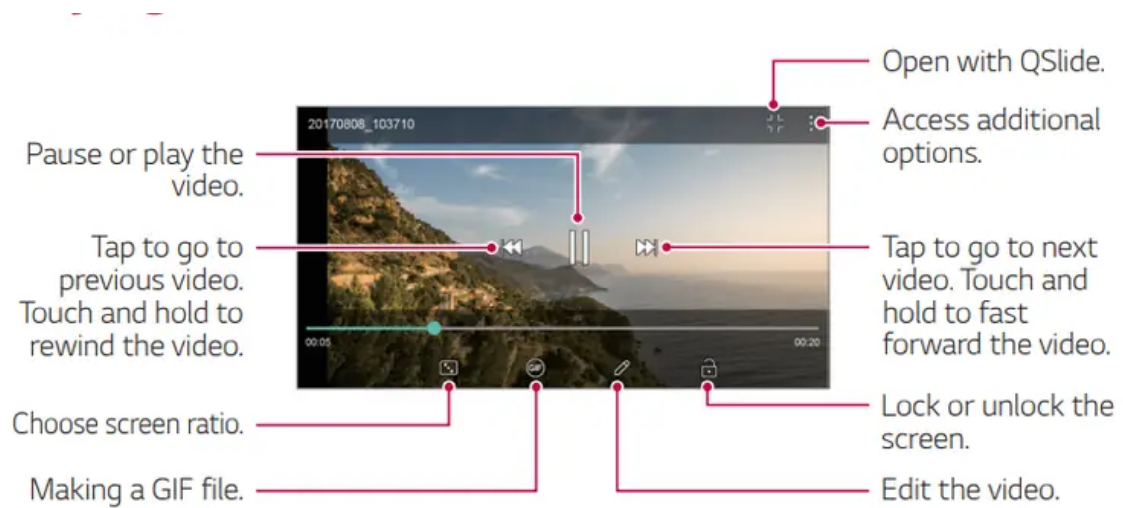
1. While viewing a photo, tap .

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

3. 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

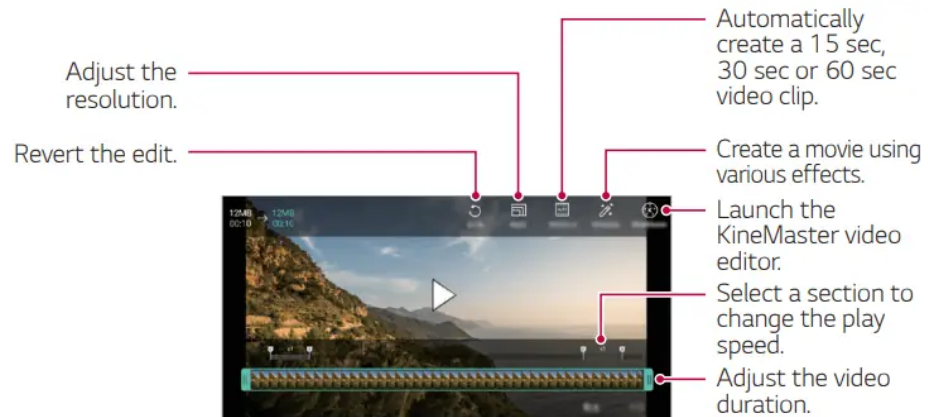


- To adjust the sound volume, drag the right side of the video screen up or down.
- To adjust the screen brightness, drag the left side of the video screen up or down.

Editing videos

1. While viewing a video, tap .

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



3. Tap **SAVE** to save changes.

Creating a video




You can create a new video by putting images and videos together. See **Creating a movie** for details.

Making a GIF

You can easily make a GIF file using recorded video. See **Making a GIF** for details.




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  in an album, select files to delete, then tap **DELETE**.
- Deleted files are automatically moved to **Trash** and they can be restored to Gallery within 7 days.
- In Gallery, tap  => **Trash**, then tap  to permanently 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 a desired method.
- While viewing a video, tap  => **Share** to share the file by using a desired method.
- Tap  in an album to select files and share them using a desired method.

Chrome

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

Tap  => .

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 section in the app.



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

Drive

Upload, save, open, share and organize 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.

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. Purchased contents can be played anywhere.

Play Music

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

YouTube


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

Keep Notes

Create, edit, and share your text and photo notes with Google Account.


Contacts

Contacts overview

You can save and manage contacts. Tap  => **Productivity** => **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 vCard file(s) 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.



While adding a new contact, tap  to add a speed dial number.

Contact 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, tap **Delete contact**, then tap **DELETE** to confirm.


- Tap  => **Delete** on the contact list screen, select contacts you want to delete, then tap **DELETE**

Adding favorites

You can register frequently used contacts as favorites.

1. On the contact list screen, select a contact.
2. On the contact detail screen, tap .

Creating groups










1. On the Groups tab, tap .
2. Enter a new group name.
3. Tap Add members, select contacts, then tap ADD.
4. Tap **SAVE** to save the new group


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  => **Productivity** => **QuickMemo+**.
2. Tap  to create a note.
 -  : Save a note.
 -  : Undo the previous edit.
 -  : Redo the recently deleted edits.
 -  : 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.



3. Tap  to save the note.

Writing notes on a photo


1. Tap  => **Productivity =>QuickMemo+ .**

2. Tap  to take a photo, then tap **OK**.


- The photo is automatically attached into the notepad.

3. Tap  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. Crop the image (if necessary) and take notes as desired.

- Write notes by hand on the photo.

3. Tap  and save the notes to the location of your choice.

- 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 before selecting an app.

-  You can capture the entire screen by using the scroll capture feature.





- While using an app such as Message and Chrome, drag the notifications panel downwards and then tap **Capture+ Extended** to capture the entire screen you are currently viewing as a single file.

- This feature is available only on some apps that support the scroll capture feature.

Managing folders



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



1. Tap  => **Productivity** => **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.

Clock



Alarm

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

1. Tap  => **Tools** => **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  => **Tools** => **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  => **Tools** => **Clock** => **Timer**.


2. Set the time and tap Start.

- To suspend the timer, tap **Pause**. To resume the timer, tap **Resume**.

3. Tap Stop to stop the timer alarm.

Stopwatch

You can use the stopwatch to record a lap time.

1. Tap  => **Tools** => **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 restart the stopwatch, tap Reset.

Calendar

Calendar overview

You can use the calendar to manage events and tasks.


Adding events

1. Tap  => **Productivity** => **Calendar**.

2. Select a date, tap , then tap Event.

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

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.

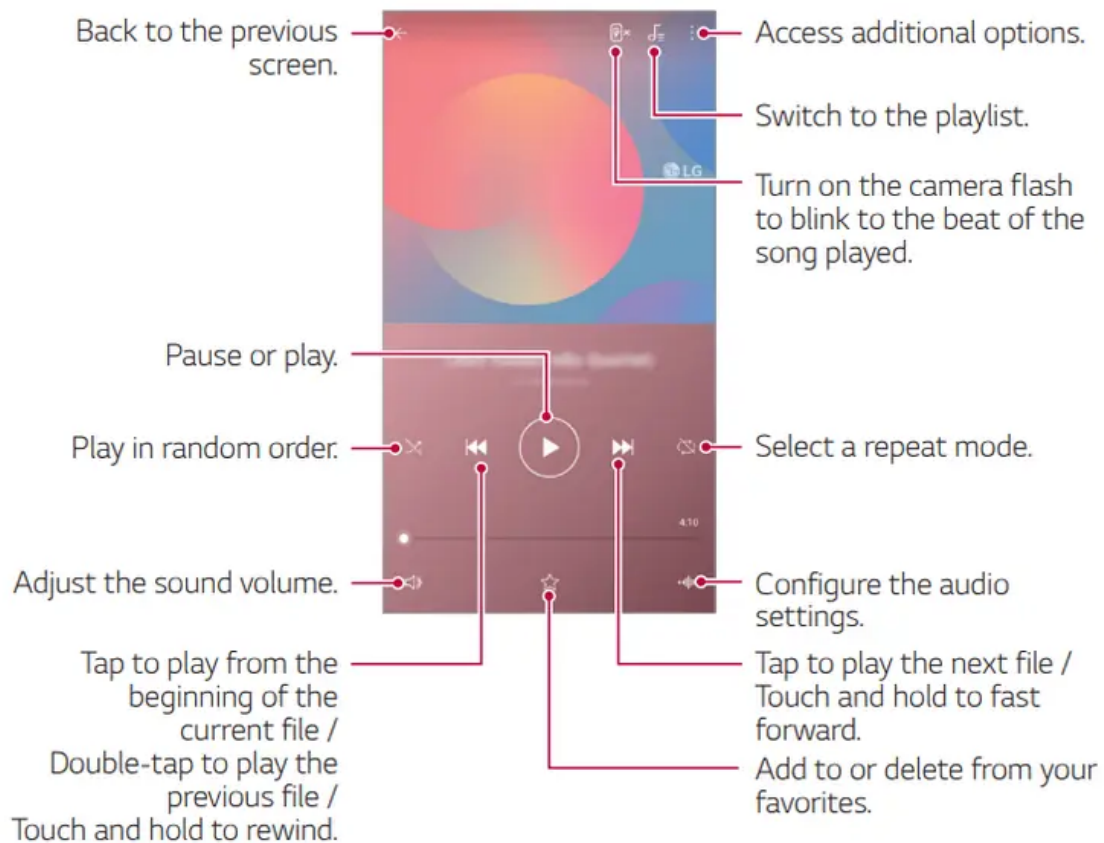
Music

You can play and manage songs or music albums.

1. Tap  => **Media** => **Music**.

2. Select a category.

3. Select a music file.



- 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.


Email

Use the Email application to send and receive emails from your webmail or other accounts, using POP3 or IMAP, or access your Exchange account for your corporate email needs.

Set up Email account

Your phone supports several types of email accounts and allows you to have multiple email accounts set up at one time.

Before setting up an email account, make sure you have the username (user ID), password, server name, etc., so you can get set up successfully.

1. Tap  => **Productivity** => **Email**.
2. Follow the onscreen instructions to set up your email account.
 - The email account is set up and you will begin receiving email.

FM Radio

You can listen to FM Radio.


Tap  => **Media** => **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.

File Manager


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

1. Tap  => **Productivity** => **File Manager**.

2. Tap  and select the desired storage location.

Smart cleaning

You can delete temporary files or apps that are no longer used.


- Tap  => **Tools** => **Smart cleaning**.
- On the Smart cleaning screen, you can access **Optimize phone**, **Battery usage**, **Battery saver**, and **Test hardware**.



Settings

Settings

You can customize the device settings in accordance with your preferences. Tap  => **Settings**.

- Tap  and enter a keyword in the search box to access a setting item.

Network & internet

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

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.**

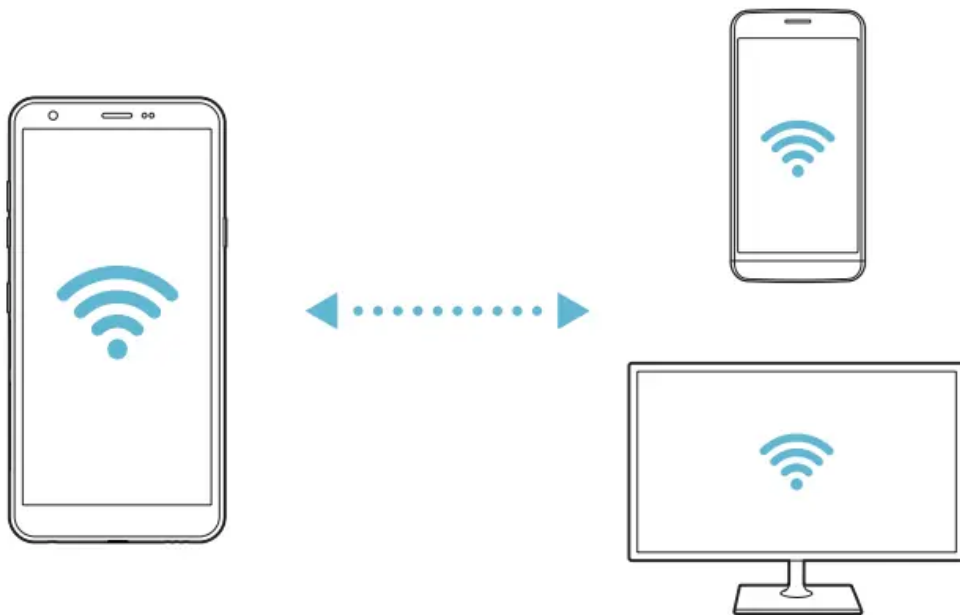
- Nearby devices that support Wi-Fi Direct automatically appear.

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 the desired mobile data settings.

Advanced Calling

You can make high-definition voice and video calls, and surf the web while you talk on the phone. On the settings screen, tap **Network => Advanced Calling**.

- This may not be available depending on the service provider.

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 desired settings.

Tethering USB tethering

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

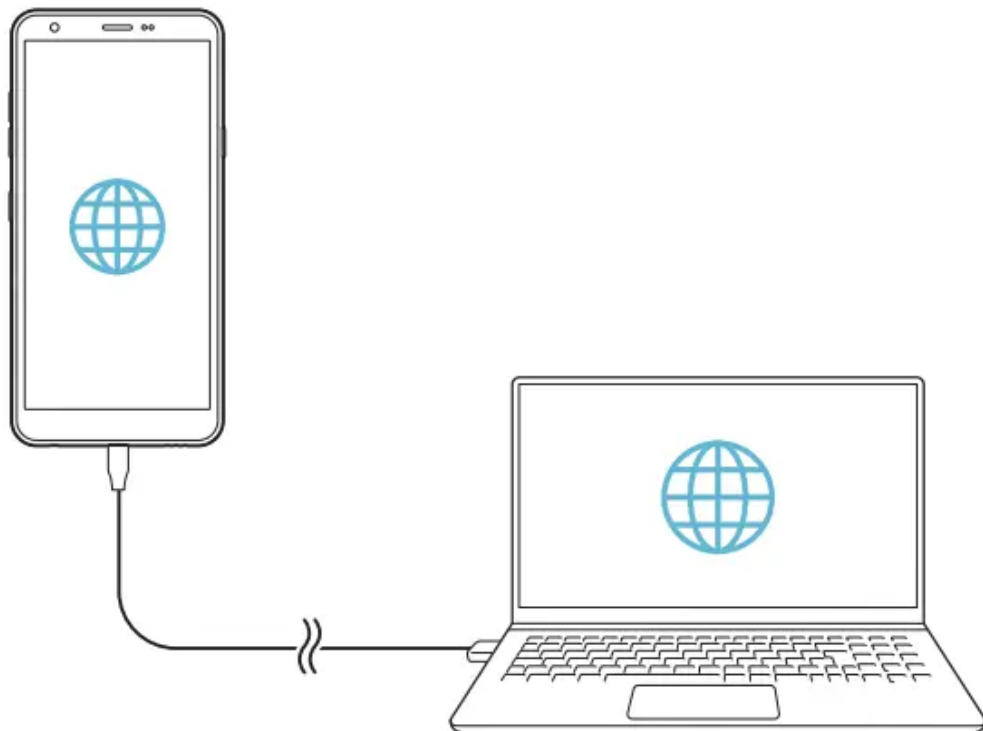
1. Connect your device and other devices via USB cable.
2. On the settings screen, tap **Network & internet => Tethering USB tethering** and then tap  to activate it.



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 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 **Network & internet =>Tethering Wi-Fi hotspot** and then tap  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 **Network & internet => Tethering Bluetooth tethering** and then tap  to activate it.
2. Turn on **Bluetooth** on both devices and pair them.
3. Connect to the mobile network on the paired device.



• This option uses mobile data and may incur data usage fees, depending on your pricing plan.

- More information is available at this web site: http://www.android.com/tether#Bluetooth_tethering

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.

Sharing panel

You can share content with specific people in apps that work with Google Direct Share.

1. On the settings screen, tap **Connected devices => Sharing panel**.
2. Tap  to deactivate Direct share.

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 Connected devices Printing.




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

2. Select a printer from the printer list screen.

3. Tap  to activate it.

- 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.

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.
- Ringtone ID: Create a ringtone for an incoming call from a particular contact.
- Ring with vibration: Set the device to vibrate and play a ringtone simultaneously.
- Flash alert for incoming call: Set the device to flash alert for incoming calls.
- Notification sound: Select a notification ringtone. Set music saved on the device as a notification ringtone.
- Do not disturb: Set the time, range and app type to receive notification messages. Receive notification messages only on particular days of the week.
- 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 the 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.
- Emergency tone: Select the tone option for emergency alerts.

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.
- Wallpaper & theme: Select wallpaper or screen theme for your device.
- Font: Change the font size, boldness, or face.
- Home touch buttons: Rearrange Home touch buttons or change their background colors.
- App scaling: Adjust the screen size of apps.



Aspect ratio

- This device uses 18:9 aspect ratio.
 - Some downloaded apps may not support 18:9 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 by tapping  => **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 (18:9)
- 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.
- Comfort view: Set the device to reduce amount of blue light on screen to reduce eye strain.
- 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-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.
- Screen saver: Display a screen saver when the device is connected to the holder or charger. Select a screen saver type to display

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.
- Secure lock settings: Change the secure lock settings.
- Content lock: Allows you to set a lock type (password or pattern) for your QuickMemo+ and Gallery files.
- Location: You can customize how your location information is used by particular apps.
- 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.*

- Secure start-up: Protect your device with a lock when it powers on. See *Secure start-up settings 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).
 - Make passwords visible: Enable this option to briefly show each character of the password as you type it so you can see what you've entered.
 - 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.

Extensions



Smart cleaning

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

1. On the settings screen, tap **Extensions => Smart cleaning**.
2. Select a category, then select an item to delete.
3. Tap **DELETE=>DELETE** to delete the selected item.

Gaming

You can configure settings for game tools, graphics and battery saving feature. On the settings screen, tap Extensions Gaming.

- Game tools: Tap  to activate this feature. You can launch this feature by tapping the game tool icon at the bottom of the screen while playing games.
- Game graphics: Adjust the game graphics.
-  When you change the resolutions on some games, the screen display feature may not work properly.

- Break time: Reduce the screen brightness and performance whenever you leave the game running for more than 5 minutes.

Shortcuts

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

On the settings screen, tap **Extensions => Shortcuts**.

KnockOn

Double-tap the screen to turn the screen on or off. See **KnockOn** for details.

Apps & notifications

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

1. On the settings screen, tap **Apps & notifications**.
2. Customize the settings as desired.

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. 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.
 - Adaptive battery: Limit battery for apps you don't use often by limiting their activity in the background.
 - Background restrictions: Save battery by restricting apps from running in the background.
 - 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 or manage accounts, including a Google account. You can also sync particular apps or user information automatically.

1. On the settings screen, tap Accounts.

2. Customize the following settings:

- Auto-sync accounts: 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.


Accessibility

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

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

2. Customize the following settings:

- Vision => TalkBack: Set the device to notify screen status or actions via voice.
- Vision => Voice notifications: Set the device to read the caller information or message content via voice.
- Vision => Font: Change the font size, boldness, or face.
- Vision => Display size: Set the items on the screen to a size that is easy for you to see. Some items may change position.
- Vision => Touch zoom: Zoom in or out by tapping the screen three times.
- Vision => Window zoom: Zoom in or out within a window and invert the color.
- Vision => Large mouse pointer: Magnify the mouse pointer.
- Vision => High contrast screen: Turn the background color into black for a high contrast screen.
- Vision => Screen color inversion: Increase the display color contrast for people with low vision.

- Vision =>Screen color adjustment: Adjust the display color.
- Vision =>Grayscale: Switch the screen to grayscale mode.
- Vision =>End call 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, messages and alarms.
- Hearing =>Real Time Text (RTT) keyboard: Enable this option to show RTT keyboard during calls. Settings 104
- Hearing => TTY mode: A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language impairments, to communicate by telephone.
- Hearing =>Mute all sounds: Mute all sounds and lower volume on the receiver.
- Hearing=> Audio channel: 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: Set the desired delay time for touching and holding, or adjust the touch input to ignore repeated taps.
- Motor & cognition=> Physical keyboard: Customize the keyboard settings.
- Motor & cognition =>Auto mouse click: Automatically click where the pointer stops.
- 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.
- Select to Speak: Allows you to tap items to hear spoken feedback.

- Switch Access: Create key combinations to control your device.

Google

You can use Google settings to manage your Google apps and account settings. On the settings screen, tap Google.

System

Update center

From time to time, updates may become available for your phone. You can download and apply updates through the Settings menu. On the settings screen, tap **System => Update center**.

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 the device.
 - Default keyboard: View the keyboard currently in use. Tap **MANAGE KEYBOARDS** for additional options.
 - On-screen keyboard: Change the LG keyboard settings or voice recognition feature of Google Voice.
 - Physical keyboard: Select to use the physical keyboard, or check keyboard shortcut keys.
 - Spelling correction: 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.

Date & time

You can customize date and time settings for your device.

1. On the settings screen, tap **System=>Date & time**.
2. Customize the desired settings.


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 **System => Memory**.
2. Tap ▼ to set a time slot to retrieve data.

Backup

You can back up data saved on your device to another device or account.

1. On the settings screen, tap System Backup.
2. Customize the following settings:
 - LG Mobile Switch: Allows you to transfer data from an old LG device to your new LG device.
 - Backup & restore: Back up your device data or restore data to your device from a backup.
 -  *Resetting your device may delete backup files saved in storage. Make sure to copy and store the important backup files to your PC.*
 - Google backup: Change Google drive backup settings. You can also check the backup account currently used, or add a new backup account.

Restart & reset

You can reset the device including network and app settings.

1. On the settings screen, tap **System => Restart & reset**.
2. Customize the following settings:
 - Auto-restart: Automatically restart the phone once a week. The phone will restart within one hour of the set time.



Any unsaved data and notifications, including badges, will be cleared after a restart.

Make sure you save what you are doing.

- Network settings reset: Reset Wi-Fi, Bluetooth and other network settings.
- Reset app preferences: Reset the settings for an app. The data saved in the app will not be deleted.
- 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 **System =>About** phone and view information.



Regulatory & safety

You can view regulatory marks and related information on your device. On the settings screen, tap **System=>Regulatory & safety**

Appendix

LG Language Settings


Select a language to use on your device.


- Tap  => **Settings => System => 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.

Phone software update

LG Mobile Phone software update via

Over-the-Air (OTA) This feature allows you to conveniently update your phone's software to a newer version via OTA, without connecting a USB cable. This feature will only be available if and when LG makes a newer firmware version available for your device.

To perform the phone software update, tap  => **Settings =>System =>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 license—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.

Anti-Theft Guide

You can 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 the 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.

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

1. SIM card error
 - There is no SIM card in the phone or it is inserted incorrectly
 - Make sure the SIM card is correctly inserted.
2. 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.
3. No applications can be set
 - Not supported by service provider or registration required.
 - Not supported by service provider or registration required.
4. Downloaded application causes a lot of errors.
 - Remove the application.
 - Tap  => **Settings**.
 - Tap **Apps & notifications** => **App info**.
 - Tap the app => **Uninstall**

5. Calls not available

- Dialing error
 - New network not authorized
- New SIM card inserted.
 - Check for new restrictions.

6. Device cannot be turned on

- Battery is not charged.
 - Charge battery. Check the charging indicator on the display.

7. Charging error

- Battery is not charged.
 - Charge the battery
- Outside temperature is too hot or cold.
 - Make sure to charge the device in a moderate temperature environment.
- Contact problem
 - Check the charger and its connection to the device.
- No voltage
 - Plug the charger into a different outlet.
- Charger defective
 - Replace the charger
- Wrong charger
 - Use only original LG accessories

8. Number not allowed.

- The Fixed dialing number function is on.
 - Check the Settings menu and turn the function off

9. Files do not open

- Unsupported file format
 - Check the supported file formats.

10. 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.

11. No sound

- Vibration mode
 - Check the settings status in the sound menu to make sure the device is not in vibration or no interruptions mode.

12. Hangs up or freezes

- Intermittent software/ hardware problem
 - Restarting the device
 - If your device freezes or hangs, you may need to close apps or turn off the device and turn it on again. Performing a boot-up Press and hold the Power/Lock key and the Volume Down key for about 10 seconds to restart your device.
 - Performing a boot-up
 - Press and hold the Power/Lock key and the Volume Down key for about 10 seconds to restart your device.
 - Resetting 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.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery charger vertically into the wall power socket.

- Only use the LG-approved battery charger. Otherwise, you may cause serious damage to your device.
- Use the correct adapter for your device when using the battery charger abroad.

Battery Information and Care

- Always unplug the charger from the wall socket after the device is fully charged to save unnecessary power consumption of the charger.
- Please read the manual of the specified charger for information about its charging method.
- Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
- Unplug the power cord prior to cleaning your device, and wipe the power plug pin with a clean dry cloth when it's dirty. When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire. If you put your device in a pocket or bag without covering the receptacle of the device (power plug pin), metallic articles (such as a coin, paperclip or pen) may shortcircuit the device. Always cover the receptacle when not in use.
- Recharge the device after long periods of non-use to maximize battery life. Battery life will vary due to usage pattern and environmental conditions.
- Please use only an approved charging accessory to charge your LG device. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your device and void the warranty.
- The charging temperature range is between 0 °C/32 °F and 35 °C/95 °F. Do not charge the battery out of the recommended temperature range. Charging out of the recommended range might cause heat to be generated or serious damage to the battery. It might also cause the deterioration of the battery's characteristics and cycle life. For Your Safety 129
- Do not use or leave the device in direct sunlight or in a car heated by sunshine. The device may generate excessive heat, smoke, or flame. It also might cause deterioration of device's characteristics or cycle life.
- If the skin or clothes is smeared with liquid from the battery, wash with fresh water. It may cause skin inflammation.
- Please take your device to an authorized service center immediately if this occurs.
- Do not handle the device with wet hands while it is being charged. It may cause an electric shock or seriously damage your device.

- Do not charge while the device or charging cable is wet or contains moisture. This can cause fire, electric shock, injury or damage to the device.
- Do not place or answer calls while charging the device as it may short-circuit the device and/or cause electric shock or fire.
- Talking on your device for a long period of time may reduce call quality due to heat generated during use.

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.