Consumer Information on SAR (Specific Absorption Rate)

This model device meets the government's requirements for exposure to radio waves. Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to Radio Frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions specified by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Because the device is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output. Before a device model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the governmentadopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

While there may be differences between SAR levels of various devices and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

SAR information on this model device is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID ZNFV601V.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn operation

This device was tested for typical use with the back of the device kept 0.39 inches (1.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1.0 cm) must be maintained between the user's body and the back of the device.

Any belt-clips, holsters, and similar accessories containing metallic components may not be used.

Avoid the use of accessories that cannot maintain 0.39 inches (1.0 cm) distance between the user's body and the back of the device and have not been tested for compliance with FCC RF exposure limits.

MBM67454402 (1.0) Printed in Korea

Part15.19 statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Part15.21 statement

Changes or modifications that are not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment.

Part15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Trademarks

- **Bluetooth**® is a registered trademark of Bluetooth SIG, Inc. worldwide.
- Wi-Fi® and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.
- Copyright ©2020 LG Electronics, Inc. All rights reserved. LG and the LG logo are registered trademarks of LG Group and its related entities.

Open Source Software Notice Information

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

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

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Regulatory information (FCC ID number, etc.)

For regulatory details, go to **Settings** > **System** > **Regulatory & safety**.

Custom-designed Features

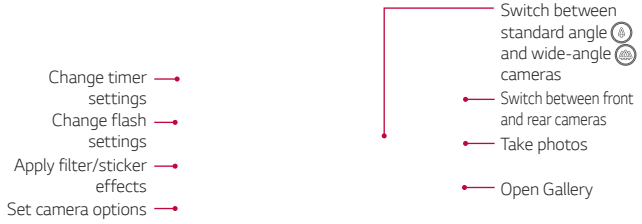
Camera features

Main features

This chapter describes the main features that the camera app provides.

Open the camera and explore various features.

1 Tap ◯ > .



2 Tap **More** on the camera screen to view various camera modes.

- Select a desire mode from **Night view**, **Panorama**, **Story shot**, **Manual Video**, **Slo-mo**, **Time-lapse**, **Jump-Cut**, **YouTube Live** and **AR Stickers**.

Dual cameras

The dual cameras, which are located on the back of the device, allow you to take photos or record videos with two different angles of view.

Tap ◯ > , and select ⓐ / ⓐ while taking photos or recording videos with the rear camera.

Rear Camera

Steady recording

Use Steady recording to prevent the camera from shaking when recording a video while walking or making large movements.

Activate Anti-shake to reduce or eliminate motion blur in videos.

1 Tap ◯ > > **Video**.

2 Tap > .

3 Tap to record a video.

Recording ASMR

With the high-sensitivity microphone installed on the device, you can pick up even the softest sound to record an ASMR video with vivid and clear sound quality.

1 Tap ◯ > > **Video**.

2 Tap ASMR to activate the function.

3 Tap to start recording an ASMR video.

Portrait

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

- While taking a photo, keep the distance to your subject to 1.3 ~ 5 feet.
- This feature is not available if the surroundings are too dark.

1 Tap ◯ > , and tap **Portrait**.

2 Drag the slide bar to the left or right to adjust the blur strength.

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

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

Gallery features

Related content

You can edit and customize related content in the Gallery.

1 While viewing a picture preview, tap 🔗.

2 When the date or location icon appears with related contents, tap the desired icon.

- A video clip is automatically created with related contents selected according to your choice.
- Tap ⋮ to access additional options.

Making a GIF

You can create a GIF file from Gallery.

1 While viewing an album, tap ⋮ > **Create GIF**.

2 Select the desired photos and videos to create a GIF file and then tap **NEXT**.
   - You can also add/delete a photograph, adjust the speed or screen ratio, set the photograph order, etc.

3 Tap **SAVE**.

- A maximum of 100 images can be used to create a GIF file.

Making a collage

You can make a collage from the associated content.

1 While viewing an album, tap ⋮ > **Make collage**.

2 Select the desired images to add to the a collage and then tap **NEXT**.
   - Select the desired layout from the bottom of the screen.

3 Tap **MAKE**.

- A maximum of 9 images can be used to create a collage.

Creating a movie

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

1 While viewing an album, tap ⋮ > **Create movie**.

2 Select images or videos for your movie and tap **Next**.

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

Deleting files

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

Adding files

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

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

Rearranging files

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

Adding file effects

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

Resetting the movie edits

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

Previewing a file

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

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

Making a GIF

You can easily make a GIF file using recorded video.

Creating video

1 At the desired starting point while watching a video, tap GIF.

2 Select the length of the GIF you want to create.

- GIF is generated for the time selected from the current time.
- For videos less than 5 seconds, GIF images are automatically generated for the remaining time.

Creating GIF Photographs

1 In the photograph list in the gallery, tap ⋮ > **Create GIF**.

- Or, tap GIF under the **Play** tab in the gallery.

2 Select a picture to turn into a GIF photograph, and then tap **Next**.

- You can add/delete a photograph, adjust the speed or screen ratio, and set the photograph order.

⚠
- Creating GIF photographs is a function provided for the user to produce creative images. Violating rights such as intellectual property right or defaming the reputation of another person by using the creating GIF photographs function may lead to a civil or criminal liability in accordance with the related laws. Be cautious not to copy or transmit another person's work without authorization. LG Electronics is not liable in any way for such acts by users.
- You can select up to 100 copies to produce when you create a GIF photograph.

Sound quality and effects

DTS:X 3D Surround

You can play a song or video in three-dimensional, immersive and vivid sound. To use this feature, connect earphones, speaker or other external audio devices to your device.

Tap ◯ > **Settings** > **Sound** > **Sound quality and effects**, then tap **DTS:X 3D Surround** ◯ to activate this feature.

- You can also bring down the status bar from the top of the screen and tap the icon for **DTS:X 3D Surround** to activate the function.

If you connect external sound devices such as earphones and speakers to your device, a pop up appears where you can turn on the **DTS:X 3D Surround** or **Hi-Fi Quad DAC** function.

Floating Bar

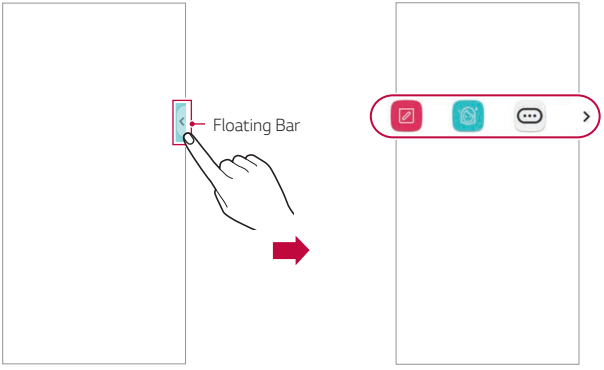
Floating Bar overview

You can access frequently used features, including shortcuts, screen capture, music player, and quick contacts, by touching and then swiping Floating Bar on the screen.

To enable the Floating Bar feature, tap ◯ > **Settings** > **Extensions** > **Floating Bar** ◯.

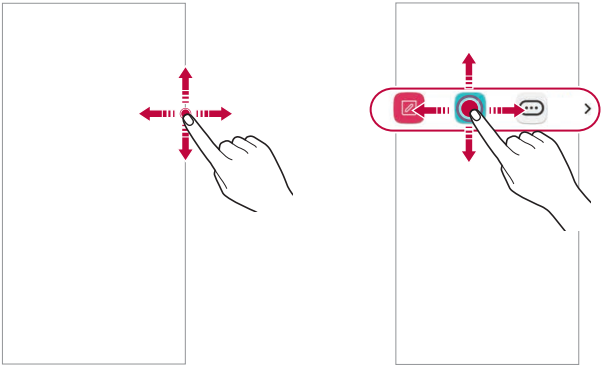
Opening and closing Floating Bar

- To open Floating Bar: Tap ❮ or ❯.
- To close Floating Bar: Tap ❯ or ❮.



Moving the Floating Bar position

Touch and hold Floating Bar, then drag it to a desired location.



Disabling Floating Bar

You can disable Floating Bar by using one of the following methods:

- Touch and hold ‹ or › on Floating Bar and then drag it to the **Hide** area at the top of the screen.
- Tap ‹ or › to open Floating Bar, then tap ••• > .
- Tap ◯ > **Settings** > **Extensions** > **Floating Bar** .

Setting Floating Bar

You can select features to display on Floating Bar and change their display order. Tap ••• from Floating Bar or tap ◯ > **Settings** > **Extensions** > **Floating Bar**.

- **Position**: You can set an area within which you can move the floating bar.
- **Shortcuts**: Quickly access frequently used apps or features.
- **Screen capture**: Capture the screen to crop the desired part or to create a GIF file.

	You can use Capture+ on the desired screen.
	You can capture a scrolling screenshot and use it for Q Memo+ or save it in the gallery.
	You can capture a desired area and use it for Q Memo+ or save it in the gallery.
	Save a current screen as a GIF file. You can adjust the size of the image you want to capture. • To move to the desired location, drag ⟹. • To start recording a GIF, tap ●. • To stop recording a GIF, tap ■.

- **Music player**: Control the music you are listening to.
- **Quick contacts**: Call or message people set as quick contacts.

- A maximum of 5 apps or features can be added to the shortcuts.
- A maximum of 5 contacts can be added as quick contacts.
- GIF capture is a function provided for the user to produce creative images. Violating rights such as intellectual property right or defaming the reputation of another person by using the GIF capture function may lead to a civil or criminal liability in accordance with the related laws. Be cautious not to copy or transmit another person's work without authorization. LG Electronics is not liable in any way for such acts by users.
- A GIF can be created up to 15 seconds long.

Google Assistant

Google Assistant overview

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

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

Launching Google Assistant

1 Touch and hold ◯ from the Home screen to launch **Google Assistant** or press the Google Assistant key on the left side of the device.

2 Tap **GET STARTED**.

3 Follow the on-screen instructions and say **"Ok Google"**or **"Hey Google".**
   - The device saves your voice data for recognition.

4 Set whether to use the voice match unlock function.
   - If you use the voice match unlock function, you can unlock the device even when the device screen is turned off or the device is charging by saying **"OK Google"** or **"Hey Google."**.

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

5 Tap **Save**.

Accessing by Voice

1 When the home screen is turned off or locked, say **"OK Google"** or **"Hey Google."**.

2 When the Google Assistant screen appears, say a command or ask a question.

Accessing from Home Screen

1 Touch and hold ◯ on the Home screen.

2 Say a command or question when you see •••• on the bottom of the screen.

- In an environment where wireless performance of Wi-Fi or mobile data is poor, the Google Assistant function may be restricted and the speech recognition accuracy rate may be lowered.
- If the speech is ambiguous, the microphone is covered, a media player is playing, or the surrounding is loud, the speech recognition accuracy rate may be lowered. When you are using the product via voice commands, say with accurate pronunciation in a quite environment for better speech recognition accuracy rate.

HD Audio Recorder

The HD Audio Recorder allows you to configure the audio settings manually so that you can record audio based on your environment.

Recording modes

You can record a high definition audio file by selecting and configuring the desired audio mode to suit the recording environment.

Tap ◯ > **Essentials** > **HD Audio Recorder** > ☰.

Normal

You can record audio without extra settings.

ASMR

You can use a highly sensitive microphone to record minute details of the sound vividly.

Concert

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

Custom

You can manually configure the desired settings to record audio.

Studio Mode

With Studio mode, you can play an audio file or music and record your voice at the same time, create a chord by recording your voice multiple times, and record your comments over the presenter's or speaker's original audio file.

1 Tap ◯ > **Essentials** > **HD Audio Recorder** > ☰ > **Custom**.

2 Tap ♫+.

3 Select an audio file to use as background music.

4 Tap ● to record voice.

5 Tap ● to save the recorded file.

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

Other useful features of the HD Audio Recorder app

GAIN

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

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

LCF

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

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

LMT

It can prevent clipping of the recorded sound.

The higher the LMT (Limiter) value is set, the more low frequency sounds that will not get clipped.

- To change additional settings, tap ⋮ > **Settings**, then customize the file type, bit depth, sampling rate and other settings.
- When you select the Concert or Custom mode with earphones connected, appears. Tap and then select the microphone to use.
- You can monitor the the sound quality with the connected earpiece while recording audio. While recording audio in Studio mode, sound monitoring is not supported. You can hear only the background music.

Fingerprint recognition

Fingerprint recognition overview

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

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

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

- You can use fingerprint data for user authentication. There is a possibility that the fingerprint sensor might recognize a different but very similar fingerprint as the same registered fingerprint. To strengthen security, it is recommended that you use the pattern, PIN, or password method for unlocking the screen.
- If the device cannot detect your fingerprint, or you forgot the value specified for registration, visit the nearest LG Customer Service Center with your device and ID card.

Precautions for fingerprint recognition

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

- At the bottom center of the product's screen, there is a built-in sensor that recognizes fingerprints. Be careful not to scratch or damage the fingerprint sensor with metal objects such as coins or keys.
- If you replace the protective film on the product with a polarized film that diffuses the light or a film that is too thick, it may decrease the fingerprint recognition rate.

- If there are foreign substances (sweat, lotion, water, dirt, grease, etc.) on the fingerprint sensor or on the finger to be put on the sensor, fingerprint recognition may not work properly. Wipe the sensor and the finger clean and remove all moisture before putting the finger on the sensor.
- If the finger's surface is rough due to it being scarred or pruney from water, the sensor may not be able to recognize the fingerprint. In such a case, register another finger's fingerprint.
- If you bend your finger or use the fingertip only, your fingerprint may not be recognized. Make sure that your finger covers the entire surface of the fingerprint sensor.
- Scan only one finger for each registration. Scanning more than one finger may affect fingerprint registration and recognition.
- The device may generate static electricity if the surrounding air is dry. If the surrounding air is dry, avoid scanning fingerprints, or touch a metallic object such as a coin or a key before scanning fingerprints to remove static electricity.

Registering fingerprints

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

1 Tap ◯ > **Settings** > **Lock screen & security** > **Fingerprints**.

- A lock screen must be set in order to be able to use this feature.
- If the screen lock is not active, configure the lock screen by following the on-screen instructions. See *Setting a screen lock* for details.

2 Check the location of the fingerprint sensor at the bottom center of the screen, and lightly place your finger on the sensor.

- Make sure that the finger fully covers the fingerprint sensor.

3 Follow the on-screen instructions.
   - Place your finger on the sensor and hold it until you feel a vibration.
   - Move the same finger around on the sensor a little by little until the fingerprint registration is complete.

4 When the fingerprint registration is done, tap **OK**.
   - Tap **ADD MORE** to register another fingerprint. Since the fingerprint recognition success rate depends on the condition of the registered fingerprint, it is recommended that you register several different fingerprints.

Managing fingerprints

You can edit or delete registered fingerprints.

1 Tap ◯ > **Settings** > **Lock screen & security** > **Fingerprints**.

2 Unlock according to the specified lock method.

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

Displaying the fingerprint icon when the screen is off

You can set to display the fingerprint sensor location on the screen when the screen is off.

1 Tap ◯ > **Settings**> **Lock screen & security** > **Fingerprints**.

2 Unlock according to the specified lock method.

3 Tap **Tap to show icon when screen is off** to enable the option.

Unlocking the screen with a fingerprint

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

1 Tap ◯ > **Settings** > **Lock screen & security** > **Fingerprints**.

2 Unlock according to the specified lock method.

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

- **Screen lock**: Unlock the screen with a fingerprint.
- **Content lock**: Unlock contents you have locked in Gallery and QuickMemo+ with a fingerprint.

Multi-tasking feature

Multi window

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

1 Tap ☐ from the Home touch buttons.
   • Recently-used apps appear.

2 Tap ⊟ at the top of the desired app to use the Multi window feature.
   • The selected app appears at the top half of the screen.

Recent Uses Screen

You can view the app screens that you used recently by using the overview function.

To view the list of apps that you used recently, tap ☐ of the home touch buttons.

You can also swipe the Home button upward to view the recent use history if you enable the option by tapping ◯ > **Settings** > **Display** > **Home touch buttons** > **Gesture and buttons**.

AOD (always-on display)

You can view the date, time or signature when the main screen is turned off.

Swipe the bottom of the AOD (always-on display) screen to activate features including Camera, Capture+, Wi-Fi, sound settings, **Bluetooth®**, Flash, Music and more.

Tap ◯ > **Settings** > **Display** > **AOD (always-on display)**.

- Tap the desired image among Digital clock, Analog clock, Dual clock, Signature or Image, configure its settings as desired, then tap **Save**.
- Tap **Quick tools & music player** ◯◯ to swipe over the status icons for Quick tools and the music player.
- Tap **AI Pick** ◯◯ to see useful information provided based on Context Awareness.
- To set a daily time to turn off the AOD (always-on display) feature, tap **Night time**.
- To enhance brightness for the AOD (always-on display) feature, tap **Brighter display**.

- The battery may drain faster when you use AOD (always-on display). Turn this feature off to save battery power.
- To deactivate AOD (always-on display) feature, tap ◯ > **Settings** > **Display** > **AOD (always-on display)**, and then tap .

Notes on Water Resistant Properties

This product is water and dust resistant in compliance with the Ingress Protection rating IP68.

Your product has undergone testing in a controlled environment and is proven to be water and dust resistant in certain circumstances (meets the requirements of classification IP68 as described by the international standard IEC 60529 - Degrees of Protection provided by Enclosures [IP Code]; test conditions: 15-35 °C, 86-106kPa, 1.5 meter, for 30 minutes). Do not expose the device in conditions that are different from the test conditions. Results may vary in actual use.

WARNING

Despite a rating of IP68, your device is not impervious to conditions not tested in LG's controlled environment. Please note that any damages that occur due to such causes changes the color of the LDI (Liquid Damage Indicator). If the color of LDI located inside the product changes, the product may be considered ineligible for any free-of-charge repair services provided under the product's limited warranty.

Avoid excessive dust or moisture as it may cause damages to the LDI or other internally sealed components and therefore may render your product ineligible for repair services provided under the product's limited warranty. Do not use the product in the following environments.

Do not immerse the product in any liquid chemicals (soap, etc.) other than water.

Do not immerse the product in salt water, including seawater.

Do not immerse the product in a hot spring.

Do not swim with this product.

Do not place the product directly on sand (such as at a beach) or mud.

Do not immerse your product in water deeper than approximately 1.5 meters.

Do not immerse your product in water for longer than 30 minutes.

- If your product becomes wet be sure to wipe the microphone, speaker, and stereo jack with a dry cloth before use.
- Should your product or your hands become wet, dry them before handling the product.
- Do not use the product in places where it may be sprayed with high pressure water (e.g. near a faucet or shower head) or submerge it in water for extended periods of time, as the product is not designed to withstand high water pressure.
- This product is not resistant to shock. Do not drop the product or subject it to shock. Doing so might damage or deform the main unit, causing water leakage.
- The product's water and dust resistant features may be damaged by dropping or receiving an impact.
- If the product gets wet, use a clean, soft cloth to dry it thoroughly.
- The touch screen and other features may not work properly if the device is used while wet.
- Your product is water resistant only when the SIM/Memory card tray is properly inserted into the product.
- Do not open or close the SIM/Memory card tray while the product is wet or immersed in water. Exposing the open tray to water or moisture may damage the product.
- The SIM/Memory card tray contains rubber [packing] to help prevent dust, water, or moisture from entering the product. Do not damage the rubber [packing] as this may allow dust, water, or moisture to enter your product and cause damage.

- Failure to follow the provided instructions may invalidate your device's limited warranty.
- If the device is wet, the LDI located inside the device changes in color. In this case, the device is ineligible for any free-of-charge repair services provided under the device's limited warranty.
- Despite a rating of IP68, your device is not completely impervious to water in any situation.

Basic Functions

Product components and accessories

The following items are included with your device.

- G8X ThinQ
- USB Type C Cable
- Energy Efficient Charger
- Important Information Booklet
- SIM Tray Tool

- The items supplied with the device and any available accessories may vary depending on the area and service provider.
- Do not use unapproved USB cables or chargers with your device. The LG limited warranty does not cover damage caused by the use of third party accessories.
- 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.
- Remove the protective film from the Fingerprint sensor before using the fingerprint recognition feature.

Parts overview

Do NOT attempt to remove the back cover.

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

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

- Proximity/Ambient light sensor
  - Proximity sensor: During a call, the proximity sensor turns off the screen and disables touch functionality when the device is in close proximity to the human body. It turns the screen back on and enables touch functionality when the device is outside a specific range.
  - Ambient light sensor: The ambient light sensor analyzes the ambient light intensity when the auto-brightness control mode is turned on.
- Volume keys
  - Adjust the volume for ringtones, calls or notifications.
  - While using the Camera, gently press a Volume key to take a photo. To take continuous photos, press and hold the Volume key.
  - Press the Volume Down key twice to launch the Camera app when the screen is locked or turned off. Press the Volume Up key twice to launch Capture+.
- Power/Lock key
  - Briefly press the key when you want to turn the screen on or off.
  - Press and hold the key when you want to select a power control option.
- Google Assistant key
  - Press the key to run Google Assistant.
  - See *Google Assistant* for details.

- Fingerprint sensor
  - You can use the fingerprint sensor at the bottom center of the screen to use the fingerprint recognition function. See *Fingerprint recognition overview* for details.

- Some functions may be restricted depending on the region and product specifications of different telecommunications providers.
- There are NFC chip and wireless charging antennas built into the rear part of the product. Be careful not to damage or cover the NFC chip or wireless charging antennas.
- Do not put heavy objects on the device or sit on it. Failure to do so may damage the touch screen.
- Screen-protective film or accessories may interfere with the proximity sensor.
- If your device is wet or is being used in a humid place, the touch screen or buttons may not function properly.

There are two microphones built into this product. Be careful not to cover the microphones. While you are talking on the phone, do not cover the microphone with your hand or fingers.

Do not use a phone case that is not a genuine product or cover the microphone with accessories, tape, etc.

Hold the product correctly as shown in the image when you are using it.

Turning the power on or off

Turning the power on

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

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

Turning the power off

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

Restarting the device

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

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

Power control options

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

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

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.

Charge the device with the USB Type-C cable.

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

- Remove the charger from the power socket after the device is fully charged. This prevents unnecessary power consumption.
- A charging adapter that supports fast charging is included with the product. The fast charging feature may not work if a fast charging adapter other than the genuine adapter provided with the product is used.
- 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.
- When you are vising the Service Center with a battery issue, bring the product and the charger with you Since the battery is a consumable, the battery life may be shortened as times goes.

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.

Wireless charging

This device supports wireless charging feature. Charge the device with a Qi certified wireless charger (optional, sold separately).

Charging the battery with a wireless charger

1 Place your device on the center of the wireless charger aligned with the wireless charging antenna on the back of the device.
   - To check the wireless charging antenna area, see *Parts overview*.

2 When the battery is fully charged, remove the device from the charger.

- When you charge the battery with a wireless charger, do not put a magnetic, metallic or conductive materials between the device and the charger. This may disturb charging or the device and the charger may become heated. In this case, the device, charger or SIM/Memory cards may be damaged.

- If the battery temperature exceeds a certain level while charging the device, charging may be stopped.
- If magnetic, metallic or conductive materials are attached on the back of the device or a protective case is inserted, the device may not charge properly.
- If you charge the battery with a wireless charger in areas where the network signal strength is weak, the network performance of your device may be further degraded.
- Charge the device with a Qi certified wireless charger (optional, sold separately). Because the LG limited warranty does not cover the use of third party accessories, contact the third party manufacturer.
- This product supports wireless charging. Use a Qi certified wireless charger (sold separately) to charge the product. Some coiled wireless chargers may not support wireless charging. Wireless chargers that support EPP (Extended Power Profile) allow high-speed wireless charging.
- LG Electronics is not responsible for any issues concerning accessories of other brands. For such issues, contact the manufacturer of the accessory product.

Using the battery efficiently

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

Cancel background operations to increase battery life.

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

Dragging

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

Swiping

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

Pinching and spreading

Pinch two fingers to zoom out such as on a photo or map. To zoom in, spread your fingers apart.

- Do not expose the touch screen to excessive physical shock. You might damage the touch sensor.

- A touch screen failure may occur if you use the device near a magnetic, metallic or conductive material.
- If you use the device under bright lights, such as direct sunlight, the screen may not be visible, depending on your position. Use the device in a shady location or a location with an ambient light that is not too bright and bright enough to read books.
- Do not press the screen with excessive force.
- Gently tap with your fingertip on the desired option.
- 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

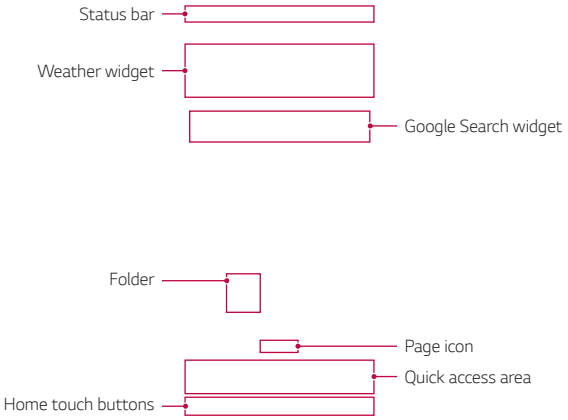
Home screen overview

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 information of weather and time for a specific area.
- **Google Search widget**: Type or speak to open Google Search.
- **Folder**: You can create folders to classify the app based on desired criteria.
- **Page icon**: Display the total number of Home screen canvases. You can tap the desired page icon to go to the page. The icon reflecting the current canvas will be highlighted.
- **Quick access area**: Fix main apps at the bottom of the screen so that they can be accessed from any Home screen canvas.
- **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.

Changing the style of the Home touch buttons

You can change the style of the Home touch buttons.

1 Tap ◯ > **Settings** > **Display** > **Home touch buttons**.

2 Under **STYLE**, select **Gesture and buttons** or **Buttons only** to suit your preferences.

- **Gesture and buttons**: Back button ‹ and Home button ⬭ are available. To see recent apps, swipe the Home button ⬭ up.
- **Buttons only**: ◁ / ◯ / ☐ are available. Tap ☐ to see recent apps.

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.

Lock/hide icon

The icon to lock or hide the Home touch buttons appears at the bottom left of the screen.

If you want to lock the Home touch buttons while shown, tap ☐ on the left of the Home touch buttons.

To hide the Home touch buttons again, double-tap ■.

To deactivate the Lock/hide buttons feature, tap ◯ > **Settings** > **Display** > **Home touch buttons** > **Show lock/hide icon**, then tap ⊂⊃.

- Some features may not be supported while the Home touch buttons are hidden.

Hiding the Home touch buttons

You can hide the Home touch buttons to view in a larger screen while using an app.

1. Tap ◯ > **Settings** > **Display** > **Home touch buttons** > **Hide Home touch buttons**.
2. Select apps you want to use with the Home touch buttons hidden, and tap ⊂⊃.
   - The Home touch buttons disappear 3 seconds after the last touch.
   - To view the Home touch buttons again, drag the bottom of the screen upwards.

Status icons

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

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

- 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.

- You can drag down the notice window or tap the arrow icon to open the list of quick setting icons.
- You can tap ✎ to add, delete or arrange icons in the notice window.
- 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 wallpapers, themes, icon styles and AOD options, 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 desired options from Wallpaper, Theme, Icon and AOD 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 the removed app is the only one app that existed in the folder, the folder is removed automatically.
- You can also add or remove apps after tapping ⊕ in the folder.

- You cannot change the folder color while using downloaded theme.

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 from the options provided.

- **Left Home screen**: Select what to display on the screen located left to the main Home screen.
- **Sort apps by**: Set how apps are sorted on the Home screen.
- **Grid**: Change the app arrangement mode for the Home screen.
- **Hide apps**: Select apps you want to hide from the Home screen.
- **Loop Home screen**: Enable to allow continuous Home screen scrolling (loop back to the first screen after the last screen).

- This function is not available when Google feed is selected for Left Home screen.

- **Search**: Search by swiping down on the Home screen.
- **Home screen lock**: Enable 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 also 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 options available for configuring the screen lock settings.

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

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

Secure start-up settings

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

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

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 resets, encryption also starts. If you stop the encryption arbitrarily, the data may be damaged. Be sure to wait until the reset is completed.

Customize Lock screen

You can customize lock screen.

1 Tap ◯ > **Settings** > **Lock screen & security** > **Customize Lock screen**.

2 Select a function you want to set.

- **Wallpaper**: Allow you to set the background for your Lock screen.
- **Clock**: Allow you to set where to position the clock on the Lock screen.
- **Shortcuts**: Allow you to choose apps to run on your Lock screen. This setting appears only when a screen lock is set.
- **Weather animation**: Enable this option to display weather animations for the current location on the Lock screen.
- **Contact info for lost phone**: Allow you to set text to be displayed on the Lock screen to identify the phone's owner.

Secure lock settings

You can set secure lock settings.

1 Tap ◯ > **Settings** > **Lock screen & security** > **Secure lock settings**.

2 Select a function you want to set.

- **Make pattern visible** (shown only when Pattern is set as a screen lock): Turn on to make pattern visible.
- **Lock timer**: Allows you to set the amount of time before the screen automatically locks after the backlight turns off (time-out due to inactivity).
- **Power key instantly locks**: Enable this option to instantly lock the screen when the Power/Lock button is pressed. This setting overrides the Security Lock timer setting.
- **Show lockdown option** (shown only when a screen lock is set): Enable this option to display the Lockdown icon when you press and hold the Power/Lock button. Tap the Lockdown icon to turn off Smart Lock, biometric unlocking, and notifications on the lock screen.
- **Smart Lock**: Allows you to set trusted devices, places, voice, and/or on-body detection that will allow your phone to remain unlocked.

- Available menu options may vary depending on the lock screen method selected.

KnockON

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

Tap ◯ > **Settings** > **Extensions** > **KnockON** to enable the option.

- 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 Home screen and Lock 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.

- Once memory card encryption starts, some functions are not available.
- If the device is turned off while encryption is underway, the encryption process will fail, and some data may be damaged. Therefore, be sure to check if the battery level is sufficient before starting encryption.
- Encrypted files are accessible only from the device where the files were encrypted.
- The encrypted memory card cannot be used on another 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.

- You can add up to 6 tools to Smart Tools.
- 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.
- You can also configure the keyboard input methods by tapping ⚙.

- ☺ : Add emojis.
- : Add avatar stickers.
- : Add ani-stickers.
- : Open Draw chat.
- ⚙ : Access keyboard settings.
- : Take an instant screenshot.
  - When the phone is connected to LG Dual Screen (LM-V515N), it captures the screen of LG Dual Screen and attaches to the message instantly. For more details, refer to *Using Dual Keyboard on Dual Screen*.

- : Tap to enter text with your voice.
  - 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.
- : Open the clip tray. See *Clip Tray* for details
- : Activate floating keyboard when you use the Multi-window feature. You can also move the keyboard to the desired location.
- : Use the dual keyboard.
  - If the phone is connected to LG Dual Screen (LM-V515N), you can expand the keyboard vertically and use the upper screen as an app screen and the bottom screen as a keyboard screen. For more details, refer to *Using Dual Keyboard on Dual Screen*.

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 Smart tool, select .
You can also touch and hold the text input window, then select **Clip Tray**.

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

- The clip tray may not be supported by some downloaded apps.
- Deleted clipboard items cannot be restored.

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 or gently drag the left or right side of the keyboard upwards.

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

Changing the QWERTY keyboard layout

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

1 Tap ◯ > **Settings** > **System** > **Language & keyboard** > **Manage Keyboards** > **LG Keyboard** > **Keyboard height and layout** > **QWERTY Keyboard layout.**

2 You can select and organize frequently used symbols.

• Some languages may have a different layout.

Customizing the keyboard height

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

1 Tap ◯ > **Settings** > **System** > **Language & keyboard** > **Manage Keyboards** > **LG Keyboard** > **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** > **Manage Keyboards** > **LG Keyboard** > **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 the keyboard with two fingers. To attach the keyboard, close it by pinching two fingers.

- Even if QWERTY keyboard is not in use, it switches to QWERTY keyboard for horizontal screen view.

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** > **Manage Keyboards** > **LG Keyboard** > **Keyboard height and layout** > **One-handed operation.**

2 Tap 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** > **Manage Keyboards** > **LG Keyboard** > **Language & Keyboard layout** > **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 clip tray.

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.

Content sharing

Playing content from another device

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

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

2 While viewing the items from the **Gallery** or **Music** app, tap or > **Play on other device**.
Or tap > **Settings** > **Connected devices** > **Screen sharing** and then tap to activate it.

3 Select the TV you want to connect to.

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

Viewing content from nearby devices

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

Tap > **Settings** > **Connected devices** > **Media server**, then tap **Content sharing** to activate it.

Connecting the devices

Connect both your device and a device that supports DLNA function to the same wireless network.

- Make sure that File sharing (DLNA) is activated on both devices.

Searching for nearby devices

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

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

Sending or receiving files

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

Sending files

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

Receiving files

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

If your device does not support the file sharing feature, tap ◯ > **Settings** > **Connected devices** > **File sharing** > **SmartShare Beam** ◯.

- You can share files with certain devices that support DLNA.

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.