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MFL69732101 (1.0)



Printed in China

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About this user guide

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

- Always use genuine LG accessories. The supplied items are designed only for this device and may not be compatible with other devices
- touchscreen keyboard This device is not suitable for people who have a visual impairment due to the
- Descriptions are based on the device default settings
- apps, please contact the relevant service provider. may be withdrawn without prior notice. If you have any questions about an app provided with the device, please contact a LG Service center. For user-installed Default apps on the device are subject to updates and support for these apps
- sources may damage the device and lead to data corruption or data loss. Such Modifying the device's operating system or installing software from unofficial actions will violate your LG licence agreement and void your warranty.
- Some contents and illustrations may differ from your device depending on the change without prior notice. region, service provider, software version, or OS version, and are subject to
- Additional charges may apply for data services, such as messaging, uploading you are fully are entirely responsible for the illegal use of media device are licensed for limited use. If you extract and use these materials for Software, audio, wallpaper, images, and other media supplied with your commercial or other purposes, you may be infringing copyright laws. As a user,
- select a data plan suitable to your needs. Contact your service provider to obtain downloading, auto-syncing and location services. To avoid additional charges additional details

Instructional notices

| Notices or additional information. | Situations that could cause injury to yourself or others, or damage to the device or other property. |
|------------------------------------|--|

LIMITED WARRANTY STATEMENT

"PROCEDURE FOR RESOLVING DISPUTES" BELOW. JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND **DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS** ARBITRATION PROVISION THAT REQUIRES YOU AND LG TO RESOLVE ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN

Warranty Laws

goods: The following laws govern warranties that arise in retail sales of consumer

- seq], The California Song-Beverly Consumer Warranty Act [CC §§1790 et
- The California Uniform Commercial Code, Division Two [Com C §§2101 et seq], and
- some labeling and disclosure requirements, the federal Act does not for violating disclosure provisions. [See 15 USC §2310(d).] Except for damages for failing to honor a written warranty or service contract or Improvement Act [15 USC §§2301 et seq; 16 CFR Parts 701-703]. The federal Magnuson-Moss Warranty Federal Trade Commission preempt state law. [See 15 USC §2311.] replace defective goods. [See 15 USC §2301(6).] Remedies include product is free of defects or a written promise to refund, repair, or A typical Magnuson-Moss Act warranty is a written promise that the

1. WHAT THIS WARRANTY COVERS:

according to the following terms and conditions: enclosed accessories will be free from defects in material and workmanship, LG offers you a limited warranty that the enclosed subscriber unit and IJ

- (1) The limited warranty for the product extends for TWELVE (12) manufacture date code. (15) MONTHS from date of manufacture as determined by the unit's valid proof of purchase, or absent valid proof of purchase, FIFTEEN MONTHS beginning on the date of purchase of the product with
- (2)The limited warranty extends only to the original purchaser of the purchaser/end user. product and is not assignable or transferable to any subsequent
- ω This warranty is good only to the original purchaser of the product Hawaii, U.S. Territories and Canada. during the warranty period as long as it is in the U.S., including Alaska,
- (4) The external housing and cosmetic parts shall be free of defects at limited warranty terms the time of shipment and, therefore, shall not be covered under these
- (5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase
- 6 The customer shall bear the cost of shipping the product to the this limited warranty the product back to the consumer after the completion of service under Customer Service Department of LG. LG shall bear the cost of shipping

2. WHAT THIS WARRANTY DOES NOT COVER:

- (1) Defects or damages resulting from use of the product in other than its normal and customary manner.
- (2)Defects or damages from abnormal use, abnormal conditions, improper of food or liquid. the fault of LG, including damage caused by shipping, blown fuses, spills accident, alteration, improper installation, or other acts which are not unauthorized connections, unauthorized repair, misuse, neglect, abuse storage, exposure to moisture or dampness, unauthorized modifications,
- ω Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- (4) That the Customer Service Department at LG was not notified by the applicable limited warranty period. consumer of the alleged defect or malfunction of the product during
- (5) Products which have had the serial number removed or made illegible
- (6) This limited warranty is in lieu of all other warranties, express or implied particular use but not limited to any implied warranty of marketability or fitness for a either in fact or by operations of law, statutory or otherwise, including,
- (7) Damage resulting from use of non LG approved accessories
- (8) All plastic surfaces and all other externally exposed parts that are
- scratched or damaged due to normal customer use
- (9) Products operated outside published maximum ratings
- (10) Products used or obtained in a rental program.
- (11) Consumables (such as fuses).

3. WHAT LG WILL DO:

units or parts or any units. In addition, LG will not re-install or back-up of any unit that is covered under this limited warranty. LG may choose at information. prior to sending the unit to LG to avoid the permanent loss of such is therefore recommended that you back-up any such data or information any data, applications or software that you have added to your phone. It its option to use functionally equivalent re-conditioned, refurbished or new LG will, at its sole option, either repair, replace or refund the purchase price

4. STATE LAW RIGHTS:

Some states do not allow the exclusive limitation of incidental or APPLICABLE TO THIS PRODUCT. OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY This product or for any breach of any express or implied Consequential, arising out of the use of, or inability to use. PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR Herein. Lg shall not be liable for the loss of the use of the PURPOSE, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY MARKETABILITY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR of any implied warranties, including the implied warranty of No other express warranty is applicable to this product. THE DURATION

lasts; so these limitations or exclusions may not apply to you. This warranty consequential damages or limitations on how long an implied warranty

vary from state to state gives you specific legal rights and you may also have other rights which

5. HOW TO GET WARRANTY SERVICE:

numbers from anywhere in the continental United States To obtain warranty service, please call or fax to the following telephone

Tel. 1-800-793-8896 or Fax. 1-800-448-4026

<u></u> Or visit http://www.lg.com/us/support. Correspondence may also be mailed

35824 LG Electronics Service- Mobile Handsets, P.O. Box 240007, Huntsville, AL

call or write for the location of the LG authorized service center nearest DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS. Please

you and for the procedures for obtaining warranty claims

PROCEDURE FOR RESOLVING DISPUTES:

AND TO BRING OR PARTICIPATE IN A CLASS ACTION. That you and LG are each waiving the right to a jury trial IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS Resolved exclusively through binding arbitration, and not IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE All disputes between you and LG arising out of or relating

and each of their officers, directors, employees, agents, beneficiaries predecessors in interest, successors, assigns and suppliers; references Electronics MobileComm U.S.A., Inc., its parents, subsidiaries and affiliates, <u>Definitions</u>. For the purposes of this section, references to "LG" mean LG d

the product or this Limited Warranty. arising out of or relating in any way to the sale, condition or performance of ordinance, fraud, misrepresentation or any other legal or equitable theory) kind whatsoever (whether based in contract, tort, statute, regulation "dispute" or "claim" shall include any dispute, claim or controversy of any

any circumstances proceed as part of a class or representative action any other person's or entity's product or claim. More specifically, without you and LG shall not be combined or consolidated with a dispute involving individual basis, unless you opt out as provided below. Any dispute between agree to resolve any claims between us only by binding arbitration on an class or representative basis. claims court, but that small claims court action may not be brought on a Instead of arbitration, either party may bring an individual action in small limitation of the foregoing, any dispute between you and LG shall not under Agreement to Binding Arbitration and Class Action Waiver. You and LG

administered by the American Arbitration Association (AAA) and will be or LG must make a written demand for arbitration. The arbitration will be AAA Rules are available online at as the "AAA Rules") and under the procedures set forth in this section. The Rules that are in effect at the time the arbitration is initiated (referred to conducted before a single arbitrator under the AAA's Consumer Arbitration Arbitration Rules and Procedures. To begin arbitration of a claim, either you

in the AAA Rules. You must also send a copy of your written demand to as well as a copy of this provision, to the AAA in the manner described <u>www.adr.org/consumer</u>. Send a copy of your written demand for arbitration,

in Federal Rule of Civil Procedure 11(b)), then the payment of all arbitration in the arbitration, LG will pay your reasonable attorneys' fees and expenses filing, administration and arbitrator fees for any arbitration initiated in this section will govern. This arbitration provision is governed by the Federal fees will be governed by the AAA Rules. In such a situation, you agree to brought for an improper purpose (as measured by the standards set forth substance of your claim or the relief sought in the demand is frivolous or to the extent required by applicable law. If the arbitrator finds either the accordance with the AAA Rules and this arbitration provision. If you prevail AAA Rules. Except as otherwise provided for herein, LG will pay all AAA damages, in which case the payment of these fees will be governed by the arbitration filing fees to the AAA unless you seek more than \$25,000 in receipt of your written demand for arbitration, LG will promptly pay all Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon such law is preempted by or inconsistent with applicable federal law <u>Limited Warranty and any disputes between us except to the extent that</u> <u>Governing Law: The law of the state of your residence shall govern this</u> The arbitrator is bound by the terms of this provision. provision and to the arbitrability of the dispute are for the court to decide except that issues relating to the scope and enforceability of the arbitration court of competent jurisdiction. All issues are for the arbitrator to decide, Arbitration Act. Judgment may be entered on the arbitrator's award in any the AAA Rules and the rules set forth in this section, the rules set forth in Sylvan AvenueEnglewood Cliffs, NJ 07632. If there is a conflict between LG at LG Electronics, USA, Inc.Attn: Legal Department-Arbitration1000

your obligation to pay under the AAA Rules. Except as otherwise provided from you if LG prevails in the arbitration. for, LG waives any rights it may have to seek attorneys' fees and expenses reimburse LG for all monies previously disbursed by it that are otherwise

judicial district in which you reside unless we both agree to another location submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an or we agree to a telephonic arbitration. in-person arbitration hearings will be held at a location within the federal \$25,000, the right to a hearing will be determined by the AAA Rules. Any in-person hearing as established by the AAA Rules. If your claim exceeds to have the arbitration conducted solely on the basis of (1) documents <u>Hearings and Location</u>. If your claim is for \$25,000 or less, you may choose

address; (b) the date on which the product was purchased; (c) the product include in the opt out e-mail or provide by telephone: (a) your name and subject line: "Arbitration Opt Out" or (ii) calling 1-800-980-2973.You must the product by either: (i) sending an e-mail to optout@lge.com, with the path: **Settings** ightarrow **About phone** ightarrow **Status**). You may only opt out of the if the battery is removable; or (iii) from the settings menu via the following product box; (ii) on a label on the back of the product beneath the battery, as applicable (the IMEI or MEID or Serial Number can be found (i) on the model name or model number, and (d) the IMEI or MEID or Serial Number, calendar days from the date of the first consumer purchaser's purchase of proceeding. To opt out, you must send notice to LG no later than 30 out, neither you nor LG can require the other to participate in an arbitration <u>Opt Out</u>. You may opt out of this dispute resolution procedure. If you opt

you keep this product and do not opt out, then you accept all terms and of this dispute resolution procedure. Opting out of this dispute resolution conditions of the arbitration provision described above. and you will continue to enjoy the full benefits of the Limited Warranty. If procedure will not affect the coverage of the Limited Warranty in any way, e-mail or telephone); no other form of notice will be effective to opt out dispute resolution procedure in the manner described above (that is, by

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quick share

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

- Tap \bigcirc > \bigcirc , then take a photo or record a video.
- Tap the app icon that appears on the screen to share it using that app. other apps you can use to share your photos and videos. You can also swipe the icon towards the opposite direction to see what

NOTE

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



Features you will love

QuickMemo+

QuickMemo+ overview

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

Creating a note

- 1 Tap O > 👫 > QuickMemo+.
- **2** Tap **+** to create a note.
- $\cdot \leftarrow$: Undo the last action.
- \cdot \rightarrow : Redo the last action you undid.
- \cdot T : Enter a note by using the keypad.
- $\cdot \gg$: Write notes by hand.
- \cdot \diamond : Erase handwritten notes.
- ${
 m igcap}$: Zoom in or out, rotate or erase the parts of a handwritten note
- : Access additional options.
- **3** Tap : > **Done** to save the note.

Writing notes on a photo

- 1 Tap O > 🔛 > QuickMemo+.
- **2** Tap O to take a photo, then tap **OK**.
- \cdot The photo is automatically attached into the notepad.
- **3** Freely write notes on the photo.
- **4** Tap : > **Done** 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 **Capture+**.
- The screenshot appears as the notepad background theme. Memo tools appear at the top of the screen.
- **2** Take notes on the captured screen.
- \cdot Write notes by hand on the photo.
- with the crop tool. To crop and save a portion of the screen, tap 🔪 and specify a portion
- To attach a screenshot to the notepad, tap T.
- ω Tap : > **Done** and save the notes to the location you want
- Saved notes can be viewed in either QuickMemo+ or Gallery
- To save notes in the same location all the time, select the **Use as**

default app checkbox and select an app.

Managing folders

You can view notes grouped by the type of the notes

- 1 Tap O > 📑 > QuickMemo+.
- **2** At the top of the screen, tap $\underline{\qquad}$ 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 O.
- **Capture+**: View notes created by Capture+
- Trash: View deleted notes.
- New category: Add categories.
- $\{\widehat{\mathcal{O}}\}$: Rearrange, add or delete categories. To change the name of a category, tap the category.

note. 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

KnockON

on or off. The KnockON feature allows you to double-tap the screen to easily turn it

Turning the screen on

- 1 Double-tap the middle of the screen to turn the screen on.
- 2 Unlock the screen or access any of the available shortcuts or widgets.

Turning the screen off

- Double-tap an empty area of the Home screen or the Status Bar.
- **2** The screen will turn off.

For better recognition performance, tap on the center of the screen, but not on the bottom or on the top of the screen.

Knock Code

a combination of knocks on the screen. You can access the Home screen screen. directly when the screen is off by tapping the same sequence on the The Knock Code feature allows you to create your own unlock code using



backup PIN. If you enter the wrong Knock Code 6 times, you will be required to enter to

off. Use your fingertip instead of your fingernail to tap the screen to turn it on or

Setting up the Knock Code feature

- Tap O > 🔯 > Lock screen > Select screen lock > Knock Code
- 2 Tap the squares in a pattern to set your Knock Code. Your Knock Code pattern can be 6 to 8 taps

Unlocking the screen using the Knock Code

Code pattern you already set. When the screen turns off, you can unlock the screen by tapping the Knock

Do not disturb

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

- 1 Tap \bigcirc > Settings > Sound & notification > Do not disturb and then drag 💿 to activate it.
- N Tap Sounds and vibrations and select the mode you want:
- **Priority only:** Receive sound or vibrate notifications for the selected apps. Even when Priority only is turned on, alarms still sound.
- **Total silence**: Disable both the sound and vibration.



Accessories

These accessories are available for use with your device

- Travel Adapter
- Quick Start Guide
- · USB Cable
- Battery



- Items described above may be optional.
- device and may not be compatible with other devices. Always use genuine LG accessories. The supplied items are designed only for this
- depending on the region or service provider. The items supplied with the device and any available accessories may vary

Device layout





| Volume Keys | While the screen is off: |
|-------------|--|
| | Press the Volume Up Key twice to |
| | Capture+. |
| | Press the Volume Down Key twice |
| | Camera. |
| | On the Home screen: |
| | Control the ringer volume. |
| | During a call: |
| | Control your earpiece volume. |
| | When playing audio/video: |
| | Control the volume continuously. |

launch

to launch the

NOTE: Proximity Sensor

the touch screen during calls. ear. This extends battery life and prevents you from unintentionally activating backlight off and locks the touch screen by sensing when the phone is near your When receiving and making calls, the proximity sensor automatically turns the

WARNING

- Placing a heavy object on the phone or sitting on it can damage the display and touch screen functions.
- Do not cover the proximity sensor with screen protectors or any other type of protective film. This could cause the sensor to malfunction.

Turning Your Device On and Off

Turning your device on

of seconds until the screen turns on. Press and hold the **Power/Lock Key** on the back of the device for a couple

Turning your device off

- Press and hold the **Power/Lock Key** on the back of the device until the Device options menu appears.
- Ν Tap **Power off** in the Device options menu.
- ω Tap **POWER OFF** to confirm that you want to turn off the device.

Installing the battery

Before you can start exploring your new device, you'll need to set it up.

To remove the back cover, hold the device firmly in one hand. With your figure below. other hand, lift off the back cover with your thumbnail as shown in the



2 Insert the battery.



ω To replace the cover onto the device, align the back cover over the battery compartment and press it down until it clicks into place.



Charging the battery

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

the warranty. cause the battery to explode or damage the device, which are not covered by chargers, batteries or cables may cause a battery charging delay. It can also Use only LG-approved chargers, batteries and cables. The use of unapproved

charger and plug it into a power outlet. The charger connector is located at the bottom of the device. Insert the





Do not open the back cover while your device is charging.

Basics

Inserting a memory card

compatible with your device. memory card manufacturer and type, some memory cards may not be Your device supports up to a 32 GB microSD card. Depending on the

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

NOTE

- If you write and erase data too frequently, it will shorten the memory card lifespan.
- 1 Remove the back cover.
- 2 Insert a memory card with the gold-colored contacts facing downwards.



3 Replace the back cover. 32

Removing the memory card

Before removing the memory card, first unmount it for safe removal.

- 1 Tap () > ☆ > Storage & USB > ▲.
- 2 Remove the back cover and pull out the memory card

WARNING

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

Touch screen tips

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

NOTE

- yet firm tap. Do not press too hard; the touch screen is sensitive enough to pick up a light,
- other buttons. Use the tip of your finger to tap the option you want. Be careful not to tap any

Tap or touch

on-screen keyboard. Tap or touch to activate your chosen item, link, shortcut, or letter on the



Touch and hold

finger until an action occurs. Touch and hold an item on the screen by touching it and not lifting your



Drag

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


Swipe or slide

without pausing when you first tap it (so you don't drag an item instead). To swipe or slide, quickly move your finger across the surface of the screen,



Double-tap

Double-tap to zoom on a webpage or a map.



Pinch-to-Zoom

in or out when using the browser, Maps, or when viewing pictures. Use your index finger and thumb in a pinching or spreading motion to zoom



Google account setup

Google account, you will be prompted to create one. required to sign in with your existing Google account. If you do not have a The first time you open a Google application on your device, you will be

Creating your Google account

- 1 Tap O > 🔅 > Accounts & sync
- 2 Tap ADD ACCOUNT > Google > Or create a new account.
- ω Enter your first and last name, then tap NEXT.
- 4 Enter your birthday and gender, then tap **NEXT**
- С Google servers and check for username availability. Enter a username and tap NEXT. Your device will communicate with
- 6 Enter your password and tap **NEXT**.
- Follow the instructions and enter the required and optional information about the account. Wait while the server creates your account

Signing into your Google account

- 1 Tap O > 🔅 > Accounts & sync.
- 2 Tap ADD ACCOUNT > Google.
- **3** Enter your email address and tap **NEXT**.
- 4 Enter your password and tap **NEXT**.
- After signing in, you can use Gmail and take advantage of Google services on your device.

applications from Play Store, back up your settings to Google servers, and take advantage of other Google services on your device. Gmail, Contacts, and Google Calendar. You can also use Maps, download After signing in, your device will sync with your Google services, such as

Locking and unlocking the device

power. specified period. This helps to prevent accidental taps and saves battery into lock mode. The device automatically gets locked if it is not used for a Pressing the Power/Lock Key turns off the screen and puts the device

direction. To unlock the device, press the Power/Lock Key and swipe the screen in any

Changing the screen lock method

You can change the way that you lock the screen to prevent others

accessing your personal information.

- 1 Tap > 🔅 > Lock screen > Select screen lock.
- Select a desired screen lock from None, Swipe, Knock Code, Pattern, PIN and Password



Remember the Backup PIN you created when creating your pattern lock.

Smart Lock

when it recognizes your face or voice, or when it detects you're carrying it. it to keep your device unlocked when you have a trusted Bluetooth[®] device connected to it, when it's in a familiar location like your home or work, You can use Smart Lock to make unlocking your device easier. You can set

Setting up Smart Lock feature

- 1 Tap O > ☆ > Lock screen > Smart Lock.
- **2** Follow the instructions on the screen.

NOTE

Before you add any trusted items or on-body detection, you need to set up a screen lock (Knock Code, Pattern, PIN or Password).

Home screen

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

Getting to Know the Home Screen



Application Icons

- Location Indicator
- Quick Button Area
- Home Touch Buttons
- Status Bar Shows the device's status information, including the time, signal strength, battery status and notification icons
- N Widget - Widgets are self-contained applications that can be accessed an on-screen application. through the Home screen. Unlike a shortcut, the Widget can function as

- ω use it. Application Icons - Tap an icon (application, folder, etc.) to open and
- 4 Location Indicator - Indicates which Home screen canvas you are currently viewing.
- ப Quick Button Area - Provides one-touch access to the function in any Home screen canvas

6 Home Touch Buttons

| Button | Overview | Button | O Home | | Button | |
|--|---|--------------------------------------|--|-----------|--|--|
| and hold this button, it opens a menu of options (if available). | Displays recently used applications. If you touch | Touch and hold to access Google Now. | Return to the Home screen from any screen. | keyboard. | items, such as menus, dialog boxes and the on-screen | Returns to the previous screen. Also closes pop-up |

To view other Home screen panels

adding icons, widgets and more. Multiple Home screen canvases are available to provide more space for

Slide your finger left or right across the Home screen to access additional canvases

Returning to recently-used applications

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

- **1** Tap \square . A list of recently used applications will be displayed.
- **2** Tap the application you want to access. This does not stop the previous app from running in the background. Make sure to tap \triangleleft to back out of an app after using it.
- To close an app from the recent apps list, swipe the app preview to the left or right. To clear all apps, tap **Clear all**.

Customizing the Home screen

Home screen settings You can customize your Home screen by adding widgets and changing

Editing the Home screen

screen On the Home screen, touch and hold on an empty space of the Home

- To rearrange the Home screen canvases, touch and hold on a canvas, then drag it to another location.
- the Home screen. To add widgets to the Home screen, tap Widgets and drag a widget to

- customize the desired options To change the Home screen settings, tap **Home screen settings** and
- hours, tap **Uninstalled apps** To view a list of apps that have been uninstalled in the previous 24

Moving apps on the Home screen

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

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

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 app is added to the folder.

Editing folders

On the Home screen, tap a folder and then do one of the following:

- To edit the folder name and color, tap the folder name
- disappears automatically. To remove an app from the folder, touch and hold the app and drag it to the outside the folder. If only one app is left in the folder, the folder

Notifications panel

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

Opening the notifications panel

the notifications panel, swipe the screen upwards or tap < . Swipe down from the status bar to open the notifications panel. To close



- Tap each quick setting button to toggle it on/off. Touch and hold the see more toggle buttons, swipe left or right. Tap $\, \mathscr{O} \,$ to remove, add or desired button to directly access the settings menu for the function. To rearrange the quick setting buttons
- Current notifications are listed, each with a brief description. Tap a notification to view it.

3 Tap to clear all the notifications

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

Indicator icons on the Status Bar

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



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

| con Description |
|----------------------|
| No SIM card inserted |

| ß | G) | | * |) < | C | Ð | | ≁ | Ľ |
|-------------------------|-----------------|----------------|-----------------|-------------|------------------|---|---------------------------------|---------------------|--------------------------------|
| New voicemail available | An alarm is set | System warning | Bluetooth is on | Missed call | Call in progress | Wired headset (with microphone) connected | Connected to a Wi-Fi network | Airplane mode is on | No network signal available |
| | | 1 | | | 1 | | | | |
| 1 | 4 | ◀ | ⇒ | ← | ۰₽ | 4 | ₽ | Ō | * |

NOTE

• service. The icon's location in the status bar may differ depending on the function or

Capturing a screenshot

same time for 2 seconds to capture a screenshot of the current screen. Press and hold the Volume Down Key and the Power/Lock Key at the To view the captured image, tap $O > \sum >$ the Screenshots folder.

On-screen keyboard

keyboard appears on the screen when you tap an available text entry field. You can enter text by using the on-screen keyboard. The on-screen

Using the keypad and entering text

|] | L | | te | Ta all | Icon D |
|--------------------------------------|--------------------------|----------------------|---|---|------------|
| ap to delete the previous character. | ap to create a new line. | ap to enter a space. | ap to go to the keyboard settings. Touch and hold to enter ext by voice or access the clip tray. | ap once to capitalize the next letter you type. Double-tap for I caps. | escription |

Entering special characters

The on-screen keyboard allows you to enter special characters

your finger. appears and displays related special characters. Without lifting the finger, drag your finger to the desired special character. Once it's highlighted, lift For example, to input "á", touch and hold the "a" button until the pop-up

NOTE

A symbol at the top right corner of a key indicates that additional characters are available for that key.

| Window Media Player Windows Media Player 10 or higher | OS Microsoft Windows XP SP3, Vista or h | Items Requirement | NOTE The LG Android Platform Driver is required to be installed on your PC to to detect the device. Check the requirements for using File transfer. | 3 A window will pop-up on your PC, allowing you to transfer the de data. | 2 Open the Notifications panel, tap the current connection type, an File transfer. | 1 Connect your device to a PC using the USB cable that came with device. | Transferring data using USB connection | You can copy or move data between a PC and the device. | device | Transferring data between a PC and t |
|--|---|-------------------|---|--|---|--|--|--|--------|--------------------------------------|
| gher | ta or higher | | ır PC to be able | the desired | ype, and select | e with your | | | | nd the |



Installing or uninstalling apps

Play Store allows you to browse and search for free and paid applications.

To open the Play Store app

Tap O > 💽.

To open a screen with details about an app

screen. At any time while browsing in Play Store, tap an app to open its details

install, uninstall, rate the app, and more. related information about the app. From this screen, you can download, The App details screen includes a description, ratings, comments, and

To uninstall applications

- 1 Tap () > ☆ > Apps.
- 2 Once all applications appear, scroll to and select the application you want to uninstall
- 3 Tap Uninstall.

Calls

You can enjoy clear calling across the region.

Making a call

- 1 Tap () > (
- Enter the number by using the dialer. To delete a digit, tap < \times
- 3 After entering the desired number, tap so to place the call.
- 4 To end the call, tap 🔉

NOTE

To enter "+" to make international calls, touch and hold 0 + .

Calling your contacts

- **1** Tap **○** > **≥** > **≥**.
- N Scroll through the contact list. You can also enter the contact's name in the screen the Search field or scroll along the alphabet letters on the right edge of
- 3 In the list that is displayed, tap & next to the contact you want to call.

Answering and rejecting a call

- Swipe () in any direction to answer an incoming call.
- Swipe 📚 in any direction to decline an incoming call.

NOTE

Swipe \square if you want to decline a call and send a message to the caller.

Making a second call

- **1** During your first call, tap \bigotimes^+ and enter the number.
- **2** Tap **S**. Your initial call is locked and put on hold
- 3 To end all calls, tap 🍋

NOTE

- You may be charged for each call you make. Contact your service provider for more information.
- To merge both calls into a conference call, tap \wedge .

Viewing your call logs

- 1 Tap O > **** > **Call logs** tab.
- 2 A list of all dialed, received and missed calls is displayed

NOTE

- Tap any call log entry to view the date, time and duration of the call.
- Tap **Tap Delete all** to delete all of the recorded items

Change your call settings

other special features offered by your carrier. You can configure device call settings, such as call forwarding, as well as

- 1 Tap O >
 2 Tap + Call settings and configure the desired options.

Contacts

contacts contacts in your Google Account or other accounts that support syncing You can add contacts on your device and synchronize them with the

Searching for a contact

- 1 Tap > 📴 > 💽
- **2** Tap **Search contacts** and enter the contact name using the keyboard. Matches are displayed as you begin to type.

Adding a new contact

- 1 Tap () > (
- 2 Enter the new contact's number.
- **3** Tap **+** > **Add to Contacts** > **Create contact**
- 4 If you want to add a picture to the new contact, tap the image icon.
- Choose Take photo or Select photo.
- С Enter the desired information for the contact.
- 6 Tap SAVE.

Favorites contacts

You can classify frequently called contacts as favorites.

Adding a contact to your favorites

- 1 Tap () > ♣ > ▲.
- **2** Tap a contact to view its details.
- **3** Tap the star at the top right of the screen. The star will be highlighted.

Removing a contact from your favorites list

- 1 Tap > 🚉 > 💽 and scroll to the **FAVORITES** section.
- 2 Choose a contact to view its details
- ω Tap the highlighted star at the top right of the screen. The highlight favorites will be removed from the star and the contact is removed from your

Creating a group

- **1** Tap **○** > **≧** > **▲** > **Groups** tab.
- **2** Tap **> New group**.
- **3** Enter a name for the new group. You can also set a distinct ringtone for the newly created group.
- 4 Tap **Add members** to add contacts to the group and tap **ADD**.
- **5** Tap **SAVE** to save the group.

NOTE

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

Messaging

easy to use menu. Your device combines text and multimedia messaging into one intuitive,

NOTE

service provider. You may be charged for each message you send. Please consult with your

Sending a message

- 1 Tap () > 📃 > 🕂.
- **2** Tap 2, then select one or more entries from your Contacts list. OR

recipient and add more than one contact. the contact name, matching contacts appear. You can tap a suggested Enter a contact name or contact number into the **To** field. As you enter

- ω Tap the text field and start entering your message.
- 4 Tap **±** to open the options menu. Choose from any of the available options
- С Tap 🥒 to attach the file that you want to share with message.
- σ Tap **Send** (or **Send MMS**) to send your message.

Conversation view

order so that you can conveniently see and find your conversations. Messages exchanged with another party are displayed in chronological

Changing your messaging settings

preferences messages immediately. You can change the settings based on your Your device's messaging settings are predefined to allow you to send

• Tap O > => +> Settings.

Camera

videos. You can use the camera or camcorder to take and share pictures and

· Tap O >**O**.

Taking a photo

- 1 Frame your subject on the screen.
- **2** Green squares around the subject indicates that the camera has focused.
- **3** Tap $^{\textcircled{a}}$ to take a photo. Your picture will be automatically saved to the Gallery.

Viewfinder options



8 • • • Tap to hide/display the camera options on the viewfinder.

| \bigcirc | | 0 | G | 4 | ω | |
|-------------------------|----------------------|-------------------------|---|---------------------------------------|---|-----------------------------------|
| Û | Ø | | | (j) | (D | ₽ |
| Tap to exit the camera. | Tap to take a photo. | Tap to start recording. | Tap to view the last photo or video you recorded. | Tap to open the camera settings menu. | Tap to swap between the rear camera lens and the front camera lens. | Tap to manage the camera's flash. |

Interval shot

to automatically take 4 selfies in a row. You can take Interval shots using the front camera lens. Touch and hold ${}^{\scriptscriptstyle extsf{m}}$

Burst shot

flipbook). viewfinder displays the number of shots taken. When viewing Burst shots in the Gallery, tap $(ar{{ ar B}})$ to display each shot in sequence (similar to a viewing take up to 30 photos in a row or until the Capture button is released. The You can take Burst shots using the rear camera lens. Touch and hold ${\scriptscriptstyle [m]}$ to

Gesture shot

using the front camera. The Gesture shot feature allows you to take a picture with a hand gesture

Using a gesture to take photos

There are two methods for using the Gesture shot feature.

Raise your hand, with an open palm, until the front camera detects it start the timer, allowing you time to get ready. and a box appears on the screen. Then close your hand into a fist to

OR

Raise your hand, in a clenched fist, until the front camera detects it and allowing you time to get ready. a box appears on the screen. Then unclench your fist to start the timer,



Multi-point Auto-focus

operates automatically and will allow you to see a clear image. When you take a picture, the Multi-point Auto-focus (AF) function

Once you have taken a photo

Tap the image thumbnail on the screen to view the last photo you took.

| Ø | Tap to edit the photo. |
|-----|---|
| Ø | Tap to take another photo immediately. |
| ぷ | Tap to share the photo. |
| 타 | Tap to delete the photo. |
| ••• | Tap to access additional options. |
| ★ | Tap to add the photo to your favorites. |

Recording a video

- 1 Tap () > ().
- **2** Frame your subject on the screen.
- ω Tap \square to start recording the video. The length of the recording is displayed at the top of the screen.

NOTE

Tap (a) to take pictures while recording video.

4 Tap \square to pause the recording. You can resume recording by tapping \bullet . OR

Gallery. Tap $^{m o}$ to stop recording. Your video will be automatically saved to the

After recording a video

Tap the video thumbnail on the screen to view the last video you recorded.

| ⊁ | ••• | 타 | ぷ | Ø |
|--|-----------------------------------|--------------------------|-------------------------|--|
| Tap to add the video to your favorites | Tap to access additional options. | Tap to delete the video. | Tap to share the video. | Tap to record another video immediately. |

Gallery

downloaded from the web or other locations including those you've taken with the Camera application and those you The Gallery application presents the pictures and videos in your storage

- 1 Tap O > 💌.
- N Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
- **3** Tap a picture in an album to view it.

NOTE

- Depending on the software installed, some file formats may not be supported.
- Some files may not play properly due to their encoding.
- files If the file size exceeds the available memory, an error can occur when you open

Viewing pictures

picture as Email, saves a picture, a folder is automatically created to contain the The Gallery displays your pictures in folders. When an application, such

view it full screen. Scroll left or right to view the next or previous image. Pictures are displayed by the date they were created. Select a picture G

Editing photos

While viewing a photo, tap otin
otin

Setting wallpaper

wallpaper or assign it to a contact. While viewing a photo, tap 🚦 > More > Set image as to set the image as

Zooming in and out

Use one of the following methods to zoom in on an image:

- Double-tap anywhere to zoom in and out.
- Spread two fingers apart on any place in the picture zoom in. Pinch in to zoom out.

Playing a video

- 1 Tap () > 2.
- **2** Select the video you want to watch.

Video options



| 9 | σ | G | 4 | ω | | • |
|-----------------------------------|---|--------------------------------|---------------------------------|--|---|-------------------------------------|
| •••• | ★ | ₽∕₽ | \$ | ٢ | € | |
| Tap to access additional options. | Tap to add the video to your favorites. | Tap to lock/unlock the screen. | Tap to adjust the video volume. | Touch and hold to rewind in 3 second increments. Tap to rewind 10 seconds. | Touch and hold to fast-forward in 3 second increments. Tap to fast-forward 10 seconds. | Tap to pause/resume video playback. |



- sound. While playing a video, slide the right side of the screen up or down to adjust the
- brightness. While playing a video, slide the left side of the screen up or down to adjust the
- While playing a video, slide your finger from left to right (or vice versa) to fastforward and rewind.

Deleting photos/videos

Use one of the following methods:

- DELETE. While in a folder, tap $\overline{{\rm III}}$, select the photos/videos and then tap
- \cdot While viewing a photo, tap $\overline{\amalg}$.

Email

IMAP, Microsoft Exchange (for Enterprise users) and other accounts Gmail. The Email application supports the following account types: POP3, You can use the Email application to read email from providers other than

• Tap () > @.

Adding an account

you add an email account. You can also add your email account using the Settings menu The first time you open the Email application, a setup wizard opens to help

```
• Tap : > Settings > (+)
```

Working with account folders

Tap > Show all folders

folders. supported by your account's service provider, you may have additional Each account has Inbox, Sent, and Drafts. Depending on the features

Composing and sending email

- 1 Tap +.
- N Enter an address for the message's intended recipient. As you enter text, addresses with semicolons matching addresses will be offered from your contacts. Separate multiple

- ω addresses Tap the **Cc/Bcc** field to copy or blind copy other contacts/email
- 4 Tap the text field and enter your message
- **5** Touch and hold the text field to edit selected words. (Bold/Italic/ Underline/Text Color)
- σ Tap rightarrow to attach the file you want to send with your message.
- 7 Tap \gg to send the message.

Changing the Email app settings

- To change the general settings, tap $\frac{1}{2}$ > **Settings** and configure the options under the **GENERAL** section.
- To change the individual email account settings, tap select an email account and configure the desired settings > Settings, then

Deleting an email account

Tap > Settings > delete (if necessary) > REMOVE (if necessary) > REMOVE > Remove account > Select the account to
Music

Your device has a music player that lets you play all your favorite tracks.

NOTE

- Depending on the software installed, some file formats may not be supported.
- files. If the file size exceeds the available memory, an error can occur when you open
- check the national laws of the relevant country concerning the use of such copying of copyrighted material. Before downloading or copying the file, please to reproduce or copy music. In some countries, national laws prohibit private Music file copyrights may be protected by international treaties and national material. copyright laws. Therefore, it may be necessary to obtain permission or a licence

Playing a song

- 1 Tap () > 🔤 > 🎵
- Select a music category tab at the top of the screen.
- **3** Tap the song you want to play.

Music player options



| 4 | ۵ | N | | |
|---------------------------|--|--|-------------------------|------------------------|
| ⊕ | ₹ | ¥ | • | = |
| Tap to adjust the volume. | Tap to restart the current track or skip to the previous track in the album, playlist or shuffle list. Touch and hold to rewind. | Tap to skip to the next track in the album, playlist or shuffle list. Touch and hold to fast-forward. | Tap to resume playback. | Tap to pause playback. |

| 8 | 8 | 0 | \odot | 9 | Ø | G |
|-----------------------------------|--------------------------------|-----------------------------------|--|---|---|-------------------------------|
| ••• | Q | 쎄 | \$ | Ð | × | |
| Tap to access additional options. | Tap to search for music files. | Tap to open the current playlist. | Tap to add the song to your favorites. | Tap to toggle through repeat all songs, repeat current song and repeat off. | Tap to play the current playlist in shuffle mode (tracks are played in random order). | Tap to see the music library. |

FM Radio

You can listen to FM radio.



NOTE

- 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.

Clock

the top of the screen or swiping horizontally across the screen. Stopwatch functions. Access these functions by tapping the tabs across The Clock app gives you access to the the Alarm, Timer, World clock and

• Tap O > 📸 > 🔊

Alarm

The Alarm tab allows you to set alarms.

- **1** Tap the **Alarm** tab.
- 2 Tap 🛨 to add a new alarm.
- **3** Adjust the settings as necessary and tap **SAVE**.

NOTE

You can also tap an existing alarm to edit it.

World clock

cities around the world. The World clock tab allows you to easily check the current time in other

- 1 Tap the World clock tab
- 2 Tap 🛨 and search for the desired city.

Timer

time has passed. The Timer tab can alert you with an audible signal when a set amount of

- **1** Tap the **Timer** tab.
- **2** Set the desired time on the timer.
- **3** Tap **Start** to start the timer
- **4** Tap **Stop** to stop the timer.

Stopwatch

The Stopwatch tab allows you to use your device as a stopwatch.

- 1 Tap the **Stopwatch** tab.
- **2** Tap **Start** to initiate the stopwatch.
- Tap **Lap** to record lap times.
- **3** Tap **Stop** to stop stopwatch.

Calculator

standard or scientific calculator. The Calculator app allows you to perform mathematical calculations using a

- 1 Tap \bigcirc > \bigcirc > \bigcirc +- \bigcirc .
- 2 Tap the number buttons to enter numbers
- **3** For simple calculations, tap the function you want to perform $(+, -, \times \circ r)$ \div) followed by =.

For more complex calculations, tap > Scientific calculator.

Calendar

The Calendar app allows you to track your schedule of events.

- 1 Tap \bigcirc > \bigotimes > \bigotimes .
- 2 Tap the date you want to add an event to. Then tap +.

Voice Recorder

ways. The Voice Recorder app records audible files for you to use in a variety of

Recording a sound or voice

- 1 Tap 🔿 > 🎇 > 🖖
- **2** Tap (•) to begin recording.
- **3** Tap (^{\Box} to end the recording.
- **4** Tap (ii) to pause the recording.
- **5** Tap (\triangleright) to listen to the recording.

NOTE

Tap (\equiv) to access your recordings. You can listen to your saved recordings.

Downloads

applications. Use this application to see what files have been downloaded through the



Google apps

require a Google account to access some apps. Google provides entertainment, social network, and business apps. You may

To view more app information, access each app's help menu.

Some apps may not be available depending on the region or service provider.

Google

Search quickly for items on the Internet or your device.

Chrome

Search for information and browse webpages.

Gmail

Send or receive emails via the Google Mail service.

Maps

information for various places. Find your location on the map, search for locations, and view location

YouTube

Watch or create videos and share them with others.

Drive

others. Store your content on the cloud, access it from anywhere, and share it with

Play Music

Discover, listen to, and share music on your device.

Play Movies & TV

Watch movies and TV shows purchased from the Play Store.

Duo

Duo is a one-to-one video calling app for everyone.

Photos

uploaded to Google+. Manage photos, albums, and videos that you have saved on the device and



Access the Settings menu

The Settings app allows you to customize and personalize your device.

Opening the settings app

- · Tap \bigcirc > touch and hold \bigcirc > System settings.
- Tap () > 🗱.

Wireless Networks

Airplane mode

receive any calls or access online data. is prohibited. When you set your device to Airplane Mode, it cannot send or music, when you are in an area where making or receiving calls or data use Allows you to use many of your device's features, such as games, and

On the **Settings** screen, tap **Airplane mode**

Wi-Fi

wireless access point (AP). You can use high-speed Internet access while within the coverage of the

On the Settings screen, tap Wi-Fi

- Tap 💿 to turn Wi-Fi on and start scanning for available Wi-Fi networks
- **2** Tap a network to connect to it.
- If the network is secured with a lock icon, you will need to enter a security key or password.
- The status bar displays icons that indicate Wi-Fi status.



charges If you are out of the Wi-Fi zone or have set Wi-Fi to Off, the device may automatically connect to the Web using mobile data, which may incur data

Bluetooth

and wireless devices hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, connect wirelessly to a number of Bluetooth devices, such as headsets and Bluetooth is a short-range communications technology that allows you to

NOTE

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

Pairing your device with another Bluetooth device

- 1 On the **Settings** screen, tap **Bluetooth**.
- N Tap OFF devices to turn Bluetooth on and start scanning for available Bluetooth
- \cdot If you want to detect the visible devices in range additionally, tap SEARCH
- ω successful, your device connects to the other device Choose the device you want to pair with from the list. Once the paring is



- has been created, the devices will continue to recognize their partnership and Pairing between two Bluetooth devices is a one-time process. Once a pairing exchange information.
- Please consult documentation included with Bluetooth device for information on pairing mode and passcode (typically 0 0 0 0 – four zeroes).

Sending data via Bluetooth

- Select a file or item, such as a contact or media file
- Select the option for sending data via Bluetooth
- ω Search for and pair with a Bluetooth-enabled device



or exchange may not be possible with all Bluetooth compatible devices devices, display and operations may be different, and functions such as transfer Due to different specifications and features of other Bluetooth-compatible

Receiving data via Bluetooth

- 1 On the **Settings** screen, tap **Bluetooth**
- 2 Tap 🐨 to turn Bluetooth on.
- **3** You will receive data from the sending device. Be sure to select **ACCEPT**.

Mobile data

Displays the data usage and mobile data usage limit

- 1 On the **Settings** screen, tap **Mobile data**.
- N Tap 💿 to toggle your mobile data connection On or Off. This allows you to manage your mobile data usage. You can use a Wi-Fi network connection for data instead.

Call

options You can customize call settings, such as voice call and international call

On the **Settings** screen, tap **Call**.



Some features may not be supported, depending on the device manufacturer or service provider.

Tethering

USB tethering

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

1 Connect your device and other devices via USB cable

N On the **Settings** screen, tap **Tethering** > **USB tethering** and then drag to activate it.



- pricing plan. Consult with your service provider for more information This option uses mobile data and may incur data usage fees, depending on your
- install it on the computer. When connecting to a computer, download the USB driver from www.lg.com and
- tethering is turned on. Turn off USB tethering to send or receive files You cannot send or receive files between your device and a computer while USB
- Operating systems that support tethering are Window XP or higher, or Linux.

Wi-Fi Hotspot

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

- On the **Settings** screen, tap **Tethering** > Wi-Fi Hotspot and then drag H to activate it.
- N Tap Set up Wi-Fi Hotspot and enter the Wi-Fi ID (SSID) and password.
- ω 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.

NOTE

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

Bluetooth tethering

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

- On the **Settings** screen, tap **Tethering** > **Bluetooth tethering** and then drag 💿 to activate it.
- 2 Turn on Bluetooth on both devices, and pair them.

NOTE

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

Help

On the settings screen, tap **Tethering > Help** You can view help on using tethering and hotspots

Mobile networks

Mobile data, Data roaming, etc. This menu allows you to configure various mobile network settings such as

On the **Settings** screen, tap **More** > **Mobile networks**

VPN

local network, such as your corporate network. From your device, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured

On the **Settings** screen, tap **More** > **VPN**.

Emergency alerts

If emergency alerts are issued, those alerts will appear on this menu.

On the **Settings** screen, tap **More** > **Emergency alerts**.

Printing

your Android device displayed in Chrome) to a printer connected to the same Wi-Fi network as Allows you to print the content of certain screens (such as web pages

On the **Settings** screen, tap **More** > **Printing**.

Device

Sound & notification

Allows you to change settings for various sounds on the device.

On the Settings screen, tap Sound & notification.

- Sound profile Allows you to set your device's sound profile
- Volume Adjust the device's volume settings to suit your needs and environment
- and delete ringtones. **Ringtone** – Allows you to set the ringtones for calls. You can also add
- Ringtone ID Allows you to compose ringtones based on the incoming call's phone number.
- Sound with vibration Enable to set the device to vibrate in addition to the ringtone when you receive calls.
- Vibration type Allows you to choose the type of vibration
- to interrupt when Priority only is set interruptions from notifications. You can set to allow certain features **Do not disturb** – Allows you to set a schedule when to prevent
- notifications on the lock screen. Lock screen – Allows you to choose if you want to show or hide
- **Apps** Allows you to set notifications for individual apps including preventing them from displaying notifications and setting priority.
- **Notification sound** Allows you to set the notification sound. You can also add and delete notification sounds.

- buttons and during other UI interactions Vibrate on tap – Enable to vibrate when tapping the Home touch
- **Sound effects** This menu lets you select whether you hear tones behavior. when locking and unlocking the screen, and the emergency tone when tapping numbers on the dial pad, selecting on-screen options,
- incoming calls and message events automatically. Message/call voice notifications – Allows your device to read out

Display

Allows you to set other display settings.

On the **Settings** screen, tap **Display**

- Font type Select the desired font type
- Font size Select the desired font size.
- Bold text Bold the text on the screen.
- **Brightness** Adjust the screen brightness by using the slider.
- you rotate the device Auto-rotate screen – Set to switch orientation automatically when
- turns off. **Screen timeout** – Set the time delay before the screen automatically
- displayed at the bottom of all screens Home touch button combination – Set the Home touch buttons
- sleeping while docked and/or charging **Daydream** – Select the screen saver to be displayed when the device is

Settings

screen

Smart Lock – Sets to keep your device unlocked with trusted device section in Locking and unlocking the device or a place. If you need more information, please refer to Smart Lock

On the **Settings** screen, tap **Lock screen**.

Select screen lock – Allows you to set a screen lock type to secure

your device.

Allows you to set your lock screen settings

Lock screen

Un the **Settings** screen, tap **Home screen**.

Select Home – Select the desired Home theme

Wallpaper – Sets the wallpaper to use on your Home screen

Screen swipe effect – Choose the desired type of effect to display

when you swipe from one Home screen canvas to the next.

Sort apps by – Sort apps by names or download date on the Home

Hide apps – Select the apps you want to hide from the Home screen.

Grid – Change the app arrangement mode for the Home screen

screen

Allows you to set your home screen settings.

Home screen

tilt and speed of the sensor

Motion sensor calibration – Allows you to improve the accuracy of the

Screen swipe effect – Sets the effect used when swiping the lock

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- Wallpaper Select the wallpaper to display for your lock screen. screen. **Shortcuts** – Allows you to choose the shortcuts available on the lock
- information on the lock screen in case the device is lost Contact info for lost phone – Allows you to display the owner
- automatically locks after the screen has timed-out **Lock timer** – Allows you to set the amount of time before the screen
- setting the Power/Lock Key is pressed. This setting overrides the lock timer **Power key instantly locks** – Enable to instantly lock the screen when

Storage & USB

You can monitor the used and available memory in the device.

On the Settings screen, tap Storage & USB

Battery & power saving

charge and charging state Displays the current battery status including the percentage of remaining

On the Settings screen, tap Battery & power saving

- Battery usage Displays the battery usage level and battery use details. Tap one of the items to see more detailed information
- percentage on the Status Bar next to the Battery icon. **Battery percentage on status bar** – Enable to display the battery level

- Battery Saver. Sets the battery charge percent level that automatically turns on **Battery saver** – Tap the Battery Saver switch to toggle it on or off.
- Help Displays help information for the Battery saver feature.

Memory

apps in the device. You can monitor the memory used on average and the memory used by

On the **Settings** screen, tap **Memory**.

Apps

their data, and force them to stop. Allows you to view details about the apps installed on your device, manage

On the **Settings** screen, tap **Apps**.

Personal

Location

asked whether you consent to allowing Google to use your location when using Wi-Fi and mobile networks. When you select this option, you're providing these services Turn on location service, your device determines your approximate location

On the **Settings** screen, tap **Location**.

- **Mode** Sets the how your current location information is determined.
- requested location information. **RECENT LOCATION REQUEST** – Displays apps that have recently
- using low power consumption. Low power location estimation – Estimate the device location by
- Camera Enable to tag photos or videos with their locations
- information settings as accessed by Google and its products Google Location History – Allows you to choose your location

Security

On the **Settings** screen, tap **Security**. Use this menu to configure how to help secure your device and its data.

- **Content lock** Select lock types to lock memos for QuickMemo+.
- **Encrypt phone** Allows you to encrypt data on the device for security. each time you power it on. You will be required to enter a PIN or password to decrypt your device

Settings

- for other devices Encrypt SD card – Encrypt SD card storage and keep data unavailable
- Set up SIM card lock Sets the PIN to lock your SIM card and allows you to change the PIN.
- Password typing visible Enable to briefly show each character of passwords as you enter them so that you can see what you enter.
- Phone administrators View or deactivate device administrators
- **Unknown sources** Allow installation of non-Play Store applications.
- cause harm **Verify apps** – Disallow or warn before installation of apps that may
- type **Credential protection** – Displays the current credential protection
- certificates **Certificate management** – Allows you to manage your security
- **Trust agents** Select apps to use without unlocking screen.
- view until you unpin it. **Screen pin** – Allows you to pin a screen to keep the current screen in
- on your device Usage access for apps – Allows you to view usage information of apps

Accounts & sync

90 and whether all applications can synchronize user data automatically. whether all applications send, receive, and sync data on their own schedules supported accounts. You also use these settings to control how and Use this menu to add, remove, and manage your Google and other Settings

On the **Settings** screen, tap **Account & sync**

applications for details. settings to control how they synchronize data; see the sections on those Gmail™, Calendar, and other applications may also have their own

- you've added on your device. Auto-sync data – Enable this option to automatically sync all accounts
- or manage it. ACCOUNTS – Displays all of your added accounts. Tap one to view and/
- ADD ACCOUNT Tap to add new account.

Language & keyboard

Allows you to change the text input settings

On the Settings screen, tap Language & keyboard

- Language Choose a language to use on your device.
- currently. Current keyboard – Allows you to select the keyboard you want to use
- LG Keyboard Tap to change the LG Keyboard settings
- Google voice typing Tap to change the voice input settings
- settings for text-to-speech output. **Text-to-speech output** – Tap to set the preferred engine or general
- Pointer speed Adjust the pointer speed
- button on the right. **Reverse buttons** – Reverse the mouse buttons to use the primary

Backup & reset

Change the settings for managing your settings and data.

On the **Settings** screen, tap **Backup & reset**

- Back up my data Back up app data, Wi-Fi passwords, and other settings to Google servers
- **Backup account** Displays the account that is currently being used to back up information.
- settings and data. Automatic restore – When reinstalling an app, restore backed up
- Network settings reset Reset all network settings
- and delete all your data. If you reset the device this way, you are Factory data reset – Reset your settings to the factory default values Android prompted to re-enter the same information as when you first started

Google services

On the **Settings** screen, tap **Google services** Use this menu to manage your Google apps and account settings.

System

Shortcut keys

screen is off or locked Get quick access to apps by pressing the Volume Keys twice when the

On the **Settings** screen, tap **Shortcut keys**

- Press the Volume Up Key twice when the screen is off or locked to open the Capture+ app.
- Press the Volume Down Key twice when the screen is off or locked to open the Camera app.

Date & time

On the **Settings** screen, tap **Date & time** Set your preferences for how the date and time is displayed.

Accessibility

installed on your device Use the Accessibility settings to configure accessibility plug-ins you have

On the Settings screen, tap Accessibility.

- Vision Sets options for people with impaired sight
- **TalkBack** Allows you to set up the TalkBack function which assists people with impaired vision by providing verbal feedback.
- Message/call voice notifications Enable to allows you to hear

automatic spoken alerts for incoming calls and messages

- Font size Sets the font size.
- **Bold text** Bold the text on the screen.
- I. screen. **Touch zoom** – Allows you to zoom in and out by triple-tapping the
- content Screen color inversion – Enable to invert the color of the screen and
- 1 and content. Screen color adjustment – Allows you to adjust the color of screen
- Т Grayscale – Switch the screen to grayscale mode
- calls by pressing the Power/Lock Key. End calls with the Power key – Enable so that you can end voice
- **Hearing** Sets options for people with impaired hearing.
- hearing impairments. **Captions** – Allows you to customize caption settings for those with
- 1 notifications Flash alerts – Enable to set the flash to blink for incoming calls and
- 1 Turn off all sounds – Enable to turn off all device sounds
- Audio type Sets the audio type.
- **Sound balance** Sets the audio route. Move the slider on the slide bar to set it.
- skills Motor & cognition – Sets options for people with impaired motor
- actions **Touch assistant** – Show a touch board with easy access to common
- **Touch and hold delay** Adjust the touch input time.

- Т holding the call button instead of dragging it. Touch and hold for calls - Answer or decline calls by tapping and
- turns off automatically. Screen timeout – Sets the amount of time before the backlight
- **Touch control areas** Allows you to select an area of the screen to limit touch activation to just that area of the screen.
- Accessibility features shortcut Allow you to access selected features quickly when triple-tapping the Home button.
- depending on the physical device orientation (portrait or landscape). Auto-rotate screen – Enable to allow the device to rotate the screen
- Switch Access Allows you to interact with your device using one or directly with the your device for users with mobility limitations that prevent them from interacting more switches that work like keyboard keys. This menu can be helpful

About phone

perform a software update View legal information, check device status and software versions, and

On the **Settings** screen, tap **About phone**



Device software update

LG Mobile Device software update via Over-the-Air (OTA)

version available for your device. to a newer version via OTA, without connecting using a USB data cable This feature will only be available if and when LG makes a newer firmware This feature allows you to conveniently update your device's software

updates You should first check the software version on your mobile device: Settings About phone > Update Center > Software Update > Check for

NOTE

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

FAQ

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

| connection/ Dropped network new se | Signal i you are No network carrier | SIM card error in the c | Message Poss |
|---|---|--|------------------------------|
| or applied rvices. | s weak or 9 outside the network. | s no SIM card device or it is d incorrectly. | ible causes |
| Check whether the SIM card is more than 6~12 months old. If so, change your SIM or USIM card at your network provider's nearest branch. Contact your | Move toward a window or into an open area. Check the network operator coverage map. | Make sure that the SIM card is correctly inserted. | Possible corrective measures |

| | Calls not available | Calls not | Downloaded application causes a lot of errors. | No applications can be set | | Codes do not match | Message |
|---|-----------------------------|--|---|---|---|---|------------------------------|
| Pre-paid charge limit reached. | New SIM card inserted. | Dialing error New SIM card inserted. | Remove the application. | Not supported by service provider or registration required. | The two codes you entered do not match. | To change a security code, must need to confirm the new code by re-entering it. | Possible causes |
| Contact service provider or reset limit with PIN2. | Check for new restrictions. | New network not authorized. Check for new restrictions. | Tap O > \$ Tap Apps. Tap the app > Uninstall. | Contact your service provider. | | lf you forget the code, contact your service provider. | Possible corrective measures |

Appendix

| Message | Possible causes | Possible corrective measures |
|---|--|--|
| Device | On/Off key pressed too briefly. | Press the On/Off key for at least two seconds. |
| turned on | Battery is not charged. | Charge battery. Check the charging indicator on the display. |
| | Battery is not charged. | Charge battery. |
| | Outside temperature is too hot or cold. | Make sure device is charging at a normal temperature. |
| Charging error | Contact problem | Check the charger and its connection to the device. |
| | No voltage | Plug the charger into a different outle |
| | Charger defective | Replace the charger. |
| | Wrong charger | Use only original LG accessories. |
| Impossible to receive/ send SMS & photos | Memory full | Delete some data, such as applications or messages from your device to make more memory available. |

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Appendix

| Message | Possible causes | Possible corrective measures |
|------------------------|----------------------------------|--|
| Files do not open | Unsupported file format | Check the supported file formats. |
| No sound | Vibration mode | Check the settings status in the sound menu to make sure you are not in vibration or no interruptions mode. |
| Hangs up or freezes | Intermittent software problem | If the screen freezes or the device does not respond when you try to operate it, remove the battery and reinsert it. Then power the device back on. OR Try to perform a software update through the website. |
Anti-Theft Guide

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

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 your screen is unlocked. lock set, the device can't be erased using the Settings menu unless
- 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.

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

NOTE

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

More information

Open Source Software Notice Information

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http://opensource. lge.com.

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Appendix



with all reported SAR levels evaluated as in compliance with the FCC RF While there may be differences between SAR levels of various phones and depending upon available accessories and FCC requirements). is 0.99 W/kg and when worn on the body, as described in this user guide, The FCC has granted an Equipment Authorization for this model phone exposure at various positions, they all meet the government requirement for safe is 0.99 W/kg (body-worn measurements differ among phone models, The highest SAR value for this model phone when tested for use at the ear

after searching on FCC ID ZNFL57BL. found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ SAR information on this model phone is on file with the FCC and can be emission guidelines

- Wash hands after handling. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- To reduce risk of fire or burns, do not expose to temperature above 45
- °C / 113 °F, or dispose of in fire. To roduce vick of fire or burne do not die
- To reduce risk of fire or burns, do not dispose of in fire or water
- Do not disassemble or open crush, bend or deform, puncture or shred.
- There is a danger of explosion if battery is incorrectly replaced. To external contacts, expose to temperature above 45 °C / 113 °F, or reduce risk of fire or burns, do not disassemble, crush, puncture, short

dispose of in fire or water. Keep this product away from excessive

moisture and extreme temperatures. Keep the battery or device dry

For Your Safety

microwave ovens, sound speakers, TV and radio. Avoid using your phone near strong electromagnetic sources, such as and away from water or any liquid as it may cause a short circuit

- Use only original manufacturer-approved accessories, or accessories may cause damage to your phone and void the warranty. accessory to charge your LG phone. Improper handling of the that do not contain any metal. Please only use an approved charging Accessory/Charger Port, as well as the use of an incompatible charger,
- serious damage to your phone Only use the approved battery charger. Otherwise, you may cause

Wireless Devices FCC Hearing-Aid Compatibility (HAC) Regulations for

of the HAC Act is to ensure reasonable access to telecommunications phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to services for persons with hearing disabilities require digital wireless phones be compatible with hearing-aids. The intent Report and Order in WT Docket 01-309 modified the exception of wireless On July 10, 2003, the U.S. Federal Communications Commission (FCC)

whining noise. Some hearing devices are more immune than others to this generate interference noise, and phones also vary in the amount of interference they aids and cochlear implants), users may detect a buzzing, humming, or While some wireless phones are used near some hearing devices (hearing

box wireless phones, to assist hearing device users to find phones that may Phones that are rated have the rating on their box or a label located on the be compatible with their hearing devices. Not all phones have been rated The wireless telephone industry has developed a rating system for

successfully. Trying out the phone with your hearing device is the best way vulnerable to interference, you may not be able to use a rated phone to evaluate it for your personal needs. hearing device and hearing loss. If your hearing device happens to be The ratings are not guarantees. Results will vary depending on the user's

labeled. M4 is the better/ higher of the two ratings to generate less interference to hearing devices than phones that are not **M-Ratings**: Phones rated M3 or M4 meet FCC requirements and are likely

labeled. T4 is the better/ higher of the two ratings to generate less interference to hearing devices than phones that are not **T-Ratings**: Phones rated T3 or T4 meet FCC requirements and are likely

hearing health professional may help you find this rating. Hearing devices may also be rated. Your hearing device manufacturer or

interference noise Higher ratings mean that the hearing device is relatively immune đ

considered for best use A sum of 5 is considered acceptable for normal use. A sum of 6 is The hearing aid and wireless phone rating values are then added together.



provide the hearing aid user with "normal usage" while In the example to the left, if a hearing aid meets the M2 rating, the sum of the two values equal M5. This should level rating and the wireless phone meets the M3 level

acceptable for normal operation. phone. "Normal usage" in this context is defined as a signal quality that's using their hearing aid with the particular wireless

(ATIS). recommended by the Alliance for Telecommunications Industries Solutions is intended to be synonymous with the UT mark. The M and T marks are The M mark is intended to be synonymous with the U mark. The T mark

during a call transmitters such as Bluetooth and WLAN components must be disabled Hearing Aid Compatibility rating for your phone is maintained, secondary National Standards Institute (ANSI) C63.19 standard. To ensure that the HAC rating and measurement procedure are described in the American The U and UT marks are referenced in Section 20.19 of the FCC Rules. The

(Bluetooth) or WLAN mode off for HAC. When you're talking on a cell phone, it's recommended that you turn the BT

Wireless Phones and Hearing Aid Accessibility For information about hearing aids and digital wireless phones

http://www.accesswireless.org/

Gallaudet University, RERC

http://tap.gallaudet.edu/Voice/

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/dro/hearing.html

The Hearing Aid Compatibility FCC Order

Hearing Loss Association of America [HLAA] http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

http://hearingloss.org/content/telephones-and-mobile-devices

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