



User guide.

User guide.

verizon /

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Guía del usuario.

MFL69827801 (1.0) ME



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Before you begin using your new phone

this device get the most out of your phone, reduce the risk of injury, avoid damage to your device, and make you aware of legal regulations regarding the use of Please read all of the information provided. This information will help you to leaflets provide you with important information regarding your new device. Included in the box with your phone are separate information leaflets. These

safety and operating instructions and retain them for future reference. liabilities Observe all warnings to reduce the risk of injury, damage, and legal before you begin using your new phone. Please follow all of the product It's important to review the Product Safety and Warranty Information guide

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Phone Overview

Front View



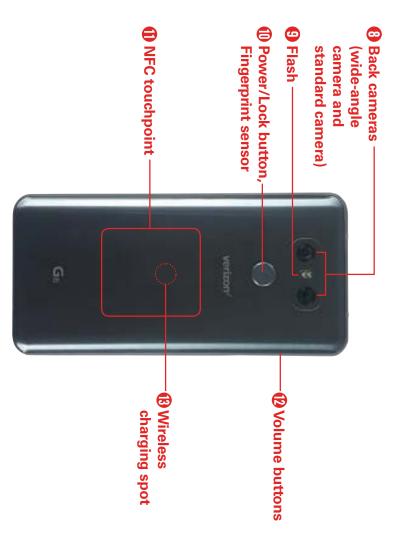
- NOTES All screen shots in this guide are simulated. Actual displays may vary.
- Instructions to perform tasks in this guide are based on the default settings and may change depending on the mode and software version on your phone.
- Proximity/Ambient light sensor Senses proximity toward other objects sensor which measures the surrounding light and adjusts the LCD during a call or when carried inside a pocket. It also employs an ambient brightness to provide a vivid screen. (such as your head) so that tap commands are not accidentally activated

NOTE Don't block the sensor or near the sensor to avoid problems with the touch screen.

- 2. Front camera Use to take pictures and record videos of yourself. You can also use this for video chatting. Keep it clean for optimal performance
- 3. Back button Returns to the previous screen. Also closes pop-up items, such as menus, dialog boxes and the on-screen keyboard
- Earpiece Lets you hear callers and automated prompts.

- Ċ٦ SIM/microSD card slot Insert the SIM card and an optional memory card (not included) for file storage. See Install the SIM Card and a Memory Card on pages 10 and 12 for more information.
- 6. Recent apps button Displays recently used applications. If you touch and hold this button while viewing an app, it activates the Multi-Window
- NOTE The Multi-Window feature cannot be activated from the Home screen, the Recent apps screen, or the Camera app.
- .7 Home button Returns to the Home screen from any screen. If you touch and hold this button, it opens the Google app.

Rear View



- ∞ take photos and record videos. Keep it clean for optimal performance Back cameras (wide-angle camera and standard camera) Use to
- 9 Flash Brightens up the captured image or recorded video in low-light environments
- 10. Power/Lock button, Fingerprint sensor Press to turn off the screen backlight and lock the screen, or turn the screen backlight back on.

deactivate Airplane mode. It also allows you to record and use fingerprints to secure your phone. Press and hold to turn the phone on/off, restart it, and activate/

11. NFC touchpoint Tap the back of your phone to an NFC tag or another NFC compatible device in this location to transfer data between them.

NOTE Don't cover the proximity sensor with a protection film, pouch, or protection case not authorized by LG as they may cause the device to malfunction.

- 12. Volume buttons Press to adjust the ringer, the media volumes, or the and access shortcuts when enabled in the Settings menu. in-call volume during a call. They can also activate the camera shutter
- Wireless charging spot This device is compatible with wireless charging devices approved by LG, which are sold separately

Top and Bottom Views



- 14. Wicrophone Transmits your voice to the other caller. It's also used for voice-activated functions.
- 15. Headset jack Allows you to plug in an optional headset for convenient, Recorder app. You can also plug in headphones to listen to music hands-free conversations or recording your voice using the HD Audio
- <u>6</u> **Microphone** Transmits your voice to the other caller. It's also used for voice-activated functions.
- 17. USB/Charger port Allows you to connect the phone and the USB accessories Type-C cable for use with the charger adapter, or other compatible
- $\overline{\otimes}$ Speaker Use to listen to audio (e.g., music, videos, sound clips speakerphone, etc.) from the rear speaker instead of the earpiece.

Help

your phone, including how-to tutorials, Icon glossary, etc. The Help app allows you to quickly and conveniently view information about

Help 📵 To access Help, tap the **Home button** \bigcirc > swipe left, if necessary > tap

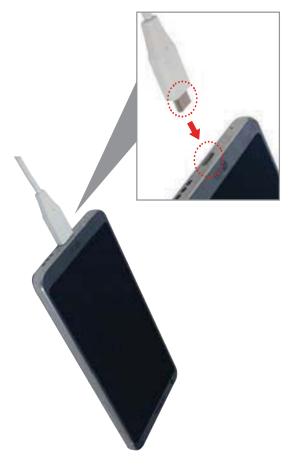
Setting Up Your Phone

Correctly charge the battery that came with your device.

Charge the Phone

Before turning on your phone, charge it fully.

below) and the other end into the charger. Then plug the charger into an Plug one end of the USB Type-C cable to the USB/charger port (as shown Your phone comes with a fast charging charger and a USB Type-C cable.



WARNING!

- Don't charge your phone while it or the charging cable is wet. This can cause fire, electric shock, injury or damage to your phone.
- Only use approved chargers with your device. Incompatible chargers or tampering with the charging port could damage your device and void the warranty.
- Your device has an internal rechargeable battery. For your safety, do not remove the embedded battery.

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

Install the SIM Card and a Memory Card

SIM card/microSD card slot location



- Be careful with the ejection pin since it has a sharp edge.
- If you insert the card tray into your device while the card tray is wet, your device may be damaged. Always make sure the card tray is dry.

NOTE

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

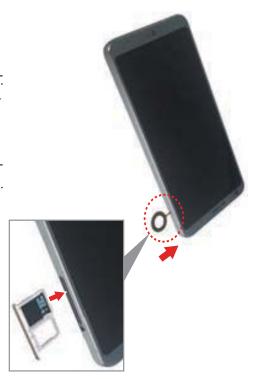
Replacing the SIM card



your SIM card, refer to the following instructions. The SIM card is pre-installed in your smartphone. If you need to replace

- 1. Turn the phone off and, with the phone's screen facing up, insert the tool that came with your phone into the hole on the SIM/microSD card tray to partially eject the tray. Then, carefully pull the card tray out.
- 2. Remove the SIM card from the card tray.
- 3. Place the SIM card on the card tray with the gold contacts facing downwards. Make sure that card is positioned as shown in the image
- 4. Carefully insert the card tray back into the slot and close it.

Inserting a memory card



Insert the memory card into your device.

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

- Turn the phone off and, with the phone's screen facing up, insert the tool that came with your phone into the hole on the SIM/microSD card tray to partially eject the tray. Then, carefully pull the card tray out.
- 2. Insert the microSD card with the gold contacts facing down and toward the phone (as shown above).
- 3. Carefully insert the card tray back into the slot and close it.

NOTES

- The microSD card is sold separately.
- The memory card can be easily damaged by improper operation. Please be careful when inserting, removing, or handling it.

WARNING!

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

Removing the memory card

- 1. Unmount a memory card.
- ▶ Tap the Home button > swipe left, if necessary > tap Settings 😄 > Storage > the Eject icon
- 2. Turn the phone off, insert the ejection pin into the hole on the SIM/ the previous instructions). Memory card tray and pull until the card tray pop out (as demonstrated in
- Carefully pull the memory card out to remove it.

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

Tempered glass parts

out over time. Tempered glass parts of this device are not permanent and they may wear

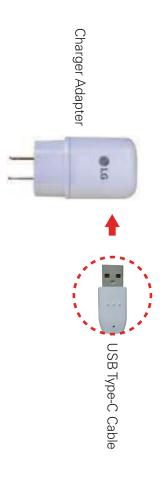
- If you drop your device on a hard surface or subject it to severe impact, the tempered glass may be damaged. If this happens, stop using your device immediately and contact an LG Customer Service Center.
- You can purchase protective cases to protect your device from damage service provided by LG Electronics and safety is not guaranteed. Note that these protective cases are not covered under the warranty

Charging Your Phone

connect them together and charge from a power outlet, or you can use the plugs before insertion to avoid damaging your cable, adapter, and/or ports USB Type-C cable alone to charge from your computer. Correctly orient the Your phone comes with a USB Type-C cable and a charger adapter. You can

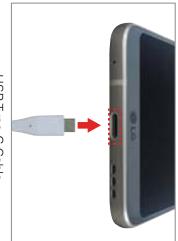
NOIES

- Please only use an approved charging accessory to charge your LG phone. incompatible charger, may cause damage to your phone and void the warranty. Improper handling of the USB/Charger Type-C port, as well as the use of an
- This device is also compatible with wireless charging devices approved by LG, which are sold separately.
- 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.
- Correctly orient the USB Type-C cable with the charger adapter and connect them. As shown below, both the 3 dots on the USB Type-C cable and the LG logo on the adapter will face toward you.



- 2 The USB/Charger Type-C port is located at the bottom of the phone. Insert the cable's plug in the port.
- 3. Plug the charger adapter into a power outlet to begin charging

Charging with the USB Type-C Cable



USB Type-C Cable

other end to a USB port on your PC. It's best to use the rear USB port when external power source. connecting to a desktop PC. The USB hub should be powered by an USB/Charger Type-C port on your phone (as shown above) and connect the installed on your PC first. Connect one end of the USB Type-C cable to the the USB Type-C cable alone, you need to have the necessary USB drivers You can use your computer to charge your phone. To be able to charge with

You may experience a slower charging rate when charging from your computer.

Precautions when using the device

- Make sure to use the USB cable provided; do not use third party USB cables or chargers with your device. The LG limited warranty does not cover the use of third party accessories
- Failure to follow the instructions in this guide and improper use may damage the device

Using the battery efficiently

battery life. To minimize battery consumption, follow these tips: simultaneously and continuously. Cancel background operations to increase Battery lifespan may decrease if you keep many apps and functions running

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

Optimizing Battery Life

resources consume battery power. that run in the background. You can also monitor how apps and system You can extend your battery's life between charges by turning off features

Tips to extend the life of your battery

- Reduce the screen brightness and set a shorter screen timeout.
- Turn off radio communications (such as Wi-Fi, Bluetooth®, GPS, etc.) that when you're using an app that makes use of it.) you're not actively using. (Note that the GPS receiver is only turned on
- Turn off automatic syncing for Gmail, Calendar, Contacts, and other apps if you don't need it.

Allowing other devices to use your device's hotspot connection will drain your battery more quickly.

To check the battery charge level

Battery. Tap the **Home button** \bigcirc > swipe left, if necessary > tap **Settings** #

- The battery level (as a percentage of fully charged) and the battery status (Charging) is displayed at the top of the screen.
- Enable the Battery percentage on Status Bar switch to display the battery icon percentage of remaining battery charge on the Status Bar next to the
- Tap Battery saver to view and/or modify your Battery saver settings

To monitor and control what uses the battery

downloaded apps you may want to turn off when not being used, so you can get the most out of your battery power. most battery power. Information on this screen allows you to identify The Battery usage screen allows you to see which apps are consuming the

Tap the **Home button** ○ > swipe left, if necessary > tap **Settings** ❖ > Battery > Battery usage

About phone > Battery > Battery usage Tap the **Home button** \bigcirc > swipe left, if necessary > tap **Settings** \bigcirc >

power from the greatest amount of energy used to the least amount. battery usage times. It lists all of the apps or services using battery The top of the Battery usage screen displays a usage graph and below it,

app). you can reduce power consumption by that app (or stop running the information, and they may even include options to modify the settings so power consumption. Different apps or services offer different kinds of Tap an app or service in the Battery usage screen to see details about its

Battery saver

saver is off, you'll be prompted to turn on Battery saver when the battery activate when the battery charge level drops to the level you set. If Battery can recharge your phone. If you turn Battery saver **On**, it will automatically Battery saver changes certain settings to conserve battery power until you reaches low levels

- Tap the **Home button** O Battery > Battery saver. > swipe left, if necessary > tap Settings 🜣 >
- From the Battery saver screen, tap Turn Battery saver on, then select to a notification prompts you to turn it on. activate Battery saver immediately, or when the charge drops to 5% or 15%. If you turn off Battery saver, when the battery charge becomes low,
- You can also choose to block the use of the Always-on display feature by enabling Block use of Always-on display.
- After you modify the Battery saver settings to your preferences, tap the Battery saver switch to toggle it On (blue) or Off (gray).

Turning Your Phone On and Off

Turning your phone on

Press and hold the **Power/Lock button** () for a couple of seconds until the screen turns on.

Turning your phone off

- Press and hold the **Power/Lock button** wntil the Phone options appear.
- Tap Power off.
- Tap POWER OFF to confirm that you want to turn off the phone

Turning the screen on using the KnockON feature

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

- Quickly double-tap the center of the dark screen to turn on the backlight.
- Quickly double-tap the Status Bar, an empty area on the Home screen, or the Lock screen to turn the screen off.

The backlight will not turn on if the proximity sensor is covered

Turning the screen on using the Knock Code feature

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

Unlock the screen by inputting the Knock Code you have created. Input your Knock Code(from 6 to 10 taps) on the touch screen when the screen is turned off.

Setting up the Knock Code feature

- Tap the **Home button** > swipe left, if necessary > tap **Settings** ❖ > Lock screen
- 2. Tap Select screen lock > Knock Code
- ω tap DONE, enter it again, then tap CONFIRM. Tap the squares in a pattern (from 6 to 10 taps) to set your Knock Code,

To unlock the Lock Screen

to conserve battery power. To unlock the phone's default Lock screen: If you don't use the phone for a while, the screen and backlight will turn off

NOTE

entered to unlock it. more security to guard against unauthorized use, you can set an unlock requirement The default Lock screen simply locks the screen to prevent unintentional actions. For (such as a Knock Code, pattern, PIN, password, or fingerprint) that will need to be

- Turn the screen on.
- Press the Power/Lock button

OR

Quickly double-tap the center of the screen (KnockON).



- 2. From the center of the screen, swipe in any direction to unlock it.
- To use a shortcut, swipe upward across the shortcut icon (at the bottom of the screen). The screen will unlock and launch the app

NOTE You can set the shortcut apps you want in the Lock screen settings

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

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

during the setup process, you won't be able to use the device at all after performing 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 the factory reset.

Touch Screen

available apps, make menu selections, and access data saved to your Android™ phone. With the touch of your finger, you can download and use Your touch screen provides an excellent way to interact with and use your

answer an on-screen question), or touch letters and numbers to type (e.g., an app, widget, or folder), tap words (e.g., menu selection or to **Touch or tap** A single finger touch selects items. For example, tap an icon

Don't press too hard on the screen. It's sensitive enough to detect a light, firm tap.

touch and hold the contact entry until the menu pops up. an action occurs. For example, to open a context menu for a contact, Touch and hold Touch an item on the screen and don't lift your finger until

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

swiping left and right, slide the screen up or down to scroll through a list, instead). For example, you can browse through the Home screens by the screen. or remove an app from the Recent apps screen by flicking its graphic off screen, without pausing when you first touch it (so you don't drag an item Swipe, slide, or flick Move your finger quickly across the surface of the

also activate the KnockON feature to turn the screen on or off. to zoom that section to fit the width of the screen and control the zoom in the screen on/off. For example, quickly double-tap a section of a web page Maps and in other apps. Double-tap a word to highlight it. Double-tap can Double-tap Tap the screen twice quickly to zoom, highlight text, or turn

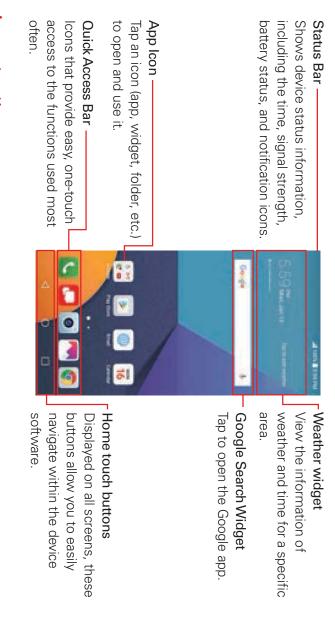
or activate functions. A triple-tap will also create a new event in the Calendar app. Certain Accessibility features (such as Touch zoom) use a triple-tap gesture to zoom

screen to hide all of your Home screen items, then pinch in to redisplay pinch gesture also affects the Home screen. Spread apart on the Home see and read), or pinch together to view more area and information. The Messaging list). Spread apart to make screen information larger (easier to the rear camera lens, and in lists (e.g., Contacts, Groups, and the out) or spread motion (to zoom in) when using Chrome, a map, photos, Multi-touch Use your index finger and thumb in a pinch motion (to zoom

screen adjusts to the phone's physical orientation by rotating the screen You can deactivate this function in the Display settings menu. Rotate the screen From many apps and menus, the orientation of the

Getting to Know the Home Screen

phone using simple motions on the screen. It's comprised of multiple teatures screen panels with app shortcuts, icons, widgets, folders, and other panels (swipe horizontally to switch). You can customize all of your Home The Home screen is your starting point to access all of the features on your



Aspect ratio

This device uses a 18:9 aspect ratio.

- Some downloaded apps may not support the 18:9 aspect ratio
- In this case, select the most optimal screen ratio for the app or consult the app provider for more information.

Quick Access Bar icons

and easy access to the apps you use most often. The Quick Access Bar is located on your Home screen panels to allow quick

Modifying the Quick Access Bar icons

- Rearrange: Touch and hold the icon to move, then drag it to another position in the Quick Access Bar or on a Home screen panel.
- Add: Touch and hold the icon (on any of your Home screen panels), then accommodate up to 7 icons. Drag an icon on top of an icon in the Quick drag it onto the Quick Access Bar. The Quick Access Bar can Access Bar to create a folder with multiple apps in it.
- Remove: Touch and hold the icon to remove from the bar, then drag it to another location on your Home screen.

Home touch buttons

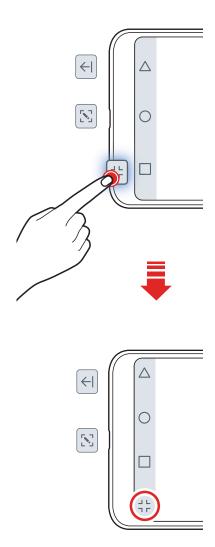
screens to provide easy navigation within the device software The Home touch buttons are displayed in a bar at the bottom of all of the

- items such as pop-up messages, the on-screen keyboard, etc
- Home button: Tap to immediately return to the Home screen. Touch and hold it to access the Google shortcut.
- Recent apps button: Tap to display the apps you've recently used. If you Window feature touch and hold this button while viewing an app, it launches the Multi-

Modifying the Home touch buttons

as well as their position and color. You can change which buttons are displayed in the Home touch buttons Bar,

- Tap the **Home button** O > swipe left, if necessary > tap **Settings** Display > Home touch buttons
- 2. Select the modification you want to apply.
- Tap Button combination to select which Home touch buttons you Back button, the Home button, the Recent apps button, the want in the bar and their location within the bar. Choose from the Notification button, the Capture+ button, and the OSlide button
- Tap Background color to set the button color to white or black

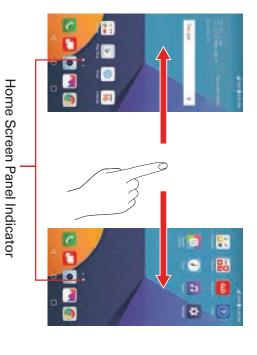


To return to the Home screen

Tap the **Home button** O at any time, from any app.

To view other Home screen panels

Swipe (or flick) your finger left or right across the Home screen's sliding widgets, shortcuts, and other items panels. You can add additional panels to allow more space for icons,



The white dot (above the Quick Access Bar) indicates the current Home screen panel.

Tap any of the Home screen panel indicator dots (above the Quick Access Bar) to immediately jump to that panel.

Hiding items on the Home screen

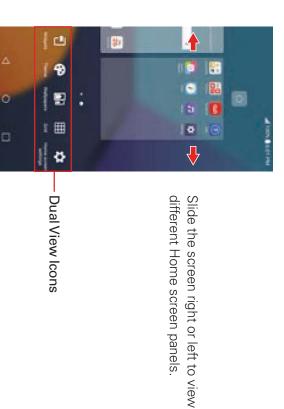
the screen or tap the **Back button** \triangleleft . screen indicator dots, and the Home touch buttons Bar are displayed. To on your Home screen so that only your wallpaper, the Status Bar, the Home Place two fingers on the screen, then spread them apart to hide the items redisplay your Home screen with all of its icons and widgets, pinch in on

NOTE The device automatically reverts to the full screen view after screen timeout.

Moving apps to other Home screen panels

screen to advance to the other panels before lifting your finger. Touch and hold the app icon, then drag it to the left or right edge

Using Dual View



through the choices. Touch and hold the one you want (tap the widget's want to use. From Grid or Home screen settings, tap the change(s) you and the Dual view icons (Widgets, Theme, Wallpapers, Grid, and Home an empty spot on a Home screen panel to view your Home screen on top category first, if necessary), then drag it onto the Home screen panel you complete your selection as necessary. From Widgets, scroll horizontally want to make. From Wallpapers, select from the available choices and screen panels to display the panel you want. Tap the Dual view icon you screen settings) on the bottom. Flick sideways to scroll through the Home want and complete your selection as necessary. Dual view allows you to easily customize your Home screen. Touch and hold

If you drag the widget to the right edge of the screen, it creates a new Home screen panel.

NOTE The Quick Access Bar isn't displayed while in Dual view.

Home screen panels To return to the full screen view, tap the Back button riangle or tap one of the

NOTE The device automatically reverts to full screen view after screen timeout.

EasyHome screen version

choose to use on your phone. EasyHome is a more simplified version of the Home screen that you can

Home screen > Select Home > EasyHome Tap the **Home button** \bigcirc > swipe left, if necessary > tap **Settings** V

The EasyHome Home screen has three panels

Main panel

also displays weather information. The main panel has 12 application icons, it displays the date and time and



- Tap an app icon to use it. Touch and hold one to remove or replace it.
- the Clock app. The top right of the screen displays the date and time. Tap it to access
- The top left of the screen displays a Weather widget. Tap it to access the Weather app.

Communication panel

shortcuts as well as access the Phone app's Dial tab, Recent tab, and Contacts tab. Swipe to the right on the main panel to access a panel for your Contact

- shortcut's **Dial** icon 📞 to call its number. Tap a shortcut's image to Tap one of the 9 shortcuts, then tap the contact you want to set. Tap select Make voice call, Make video call, Send message, or Remove
- Tap Dial, Recent, or Contacts to open the Phone app with the corresponding tab displayed (Dial displays the dialpad, Recent lists all of change tabs to access other Phone app information. your recent calls, and Contacts displays your entire Contacts list). You can

Additional shortcuts panel

with additional app shortcuts and open the Applications screen Swipe to the left on the main panel to access a panel you can customize

- installed apps Tap the Apps icon to open the Applications screen with all of your
- Tap an app to use it. Touch and hold one to remove or replace it
- Tap the Add icon +, then tap the app you want to add to the shortcuts
- ▶ Tap the Google search box to open the **Google** app (or tap its microphone to search by voice).

To change back to the Android Home screen

Home screen > Select Home > Home. Tap the Home button O > s wipe left, if necessary > t ap Settings

Home with separate apps list

access to all of your apps and you can copy just the app shortcuts you want downloaded apps in an Applications screen instead of on your Home on to your Home screen. you can use on your phone. This version places all of your installed and Home with separate apps list is another version of the Home screen that panels. The Apps icon (::) in the Quick Access Bar provides you with

Tap the **Home button** \bigcirc > swipe left, if necessary > tap **Settings** Home screen > Select Home > Home with separate apps list.

Using Home with separate apps list

To add and remove shortcuts

- To add an app shortcut, tap the Apps icon (::), touch and hold the app you spot on a Home screen panel, tap the shortcut you want, then tap the want, then drag it to the panel you want. Or, touch and hold an empty Back button <↓.
- ▶ To remove an app shortcut, touch and hold the app icon, drag it to the Remove bar, then lift your finger.

To manage your Home screen panels

- To add additional panels, pinch in on the Home screen, then tap the Add panel icon
- you want it. To rearrange your panels, touch and hold the panel, then drag it where
- bar at the top of the screen. To delete a panel, touch and hold the panel, then drag it to the Remove
- To set which panel is your default Home screen panel, tap the Default panel icon 👝 on the panel you want



Apps: How to View, Open, and Switch



Opening an app

Open an app simply by tapping its icon on the screen.

Opening multiple apps

- 1. Tap an app icon to open it.
- 2. Tap the **Home button** O.
- ω Tap the icon for the other app you want to open.

Switching between multiple apps

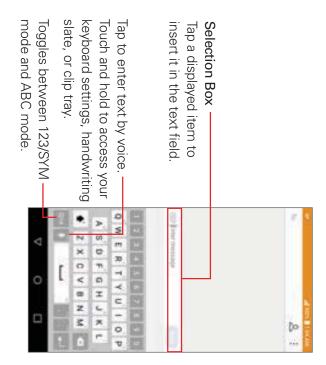
- Tap the **Recent apps button** \square . A screen opens and displays previews of all of the apps that are currently open.
- 2. Tap the app you want to use, tap the Close icon \times on the app to close it, or tap the **Back button** \triangleleft to return to the current screen.



Entering text

Text Input Methods

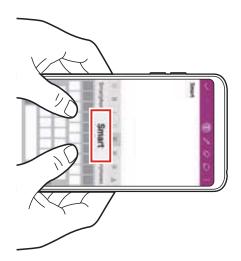
text field where you want to enter text. need to enter text. To manually display the on-screen keyboard, simply tap a The on-screen keyboard displays automatically on the screen when you



Using the Smart keyboard

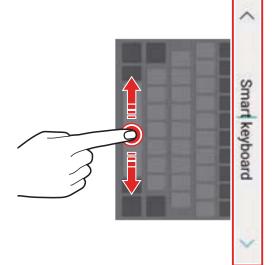
You can use the Smart keyboard to enter and edit text.

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



Moving the cursor

left or right. 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

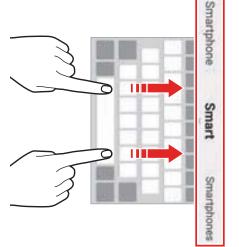


IOTE This option is available only on the QWERTY keyboard.

Suggesting words

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

Enter text, then tap a suggested word.

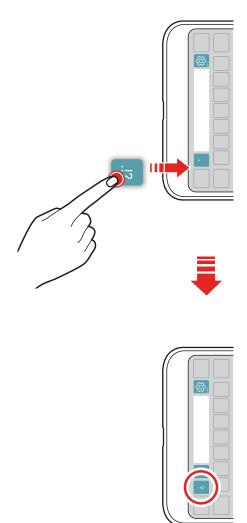


type every letter of the word. The selected word is automatically entered. You do not need to manually

Changing the QWERTY keyboard layout

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

- Tap the Home button () > tap Settings (> Language & input > LG Keyboard > Keyboard height and layout > QWERTY layout.
 You can also touch and hold the Voice icon ♥ on the keyboard and tap the Settings icon ⟨♀⟩⟩ > Keyboard height and layout > QWERTY layout.
- 2. Tap a key on the bottom row, then drag it to another position.



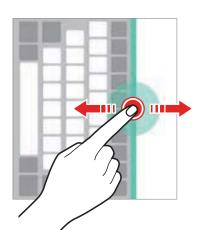
NOTES

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

Customizing the keyboard height

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

- Tap the Home button \bigcirc > tap Settings $| \mathbf{x} | >$ Language & input > LG Keyboard > Keyboard height and layout > Keyboard height. You can also touch and hold the Voice icon • on the keyboard the Settings icon 🔆 > Keyboard height and layout > Keyboard height. on the keyboard and tap
- 2. Adjust the keyboard height.



Selecting a landscape keyboard mode

You can select a landscape keyboard mode from several choices

- Tap the Home button \bigcirc > tap Settings > Language & input > LG landscape. Keyboard > Keyboard height and layout > Keyboard type in
- the Settings icon ⟨◌̞⟩ > Keyboard height and layout > Keyboard type in You can also touch and hold the Voice icon 🖟 on the keyboard and tap
- 2. Select a keyboard mode.

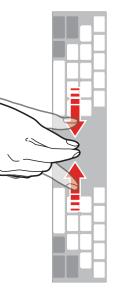
Splitting the keyboard

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

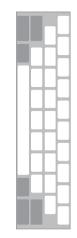
- Tap the Home button > tap the Settings 🔯 > Language & input > LG Keyboard > Keyboard height and layout > Split keyboard.
- You can also touch and hold the Voice icon 🖟 the Settings icon ⟨⊙⟩ > Keyboard height and layout > Split keyboard. on the keyboard and tap

NOTE

or split the keyboard, pinch together or spread apart your fingers on the keyboard Rotate the device to landscape mode to split the keyboard to both sides. To merge



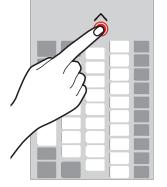




One-handed operation mode

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

- Tap the Home button () > tap the Settings (> Language & input > the Settings icon ⟨◌⟩⟩ > Keyboard height and layout > One-handed LG Keyboard > Keyboard height and layout > One-handed operation. You can also touch and hold the Voice icon Φ on the keyboard and tap
- 2. Press the arrow displayed next to the keyboard to move the keyboard in the direction you want.



Entering text by using voice

icon << On the keyboard, touch and hold the Voice icon 🍑 and tap the Settings

NOTES

- 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 the Settings icon 🗢 > Languages on the voice recognition screen.
- This function may be not supported, or the supported languages may differ depending on the service area

Copy and Paste

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

- 1. Touch and hold around the text you want to copy or cut.
- 2. Drag / to specify the area to copy or cut.
- 3. Select either CUT or COPY.
- Cut or copied text is automatically added to the clipboard
- Touch and hold the text input window, then select PASTE

NOTE If there is no item that has been copied or cut, the PASTE option will not appear.

Clip Tray

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

- On the keyboard, touch and hold the Voice icon 🖟 window, then select CLIPTRAY. icon $\{\widehat{\mathbb{Q}}\}$ > Clip tray icon \blacksquare . You can also touch and hold the text input and tap the Settings
- 2. Select and paste an item from the clip tray.
- A maximum of 20 items can be saved to the clip tray
- Tap \rightleftarrows 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 iii to delete the items saved to the clip tray.

NOTE The clip tray may not be supported by some downloaded apps

Languages

addition, you can set multiple languages used for the on-screen keyboard but you can set multiple secondary languages and switch as needed. In You can set only one main language for your phone's operating software

To change the main language

Tap the **Home button** ○ > swipe left, if necessary > tap **Settings** | > > language list to make it your phone's main language you want. Touch and hold the language, then drag it to the top of the Language & input > Language > ADD LANGUAGE. Tap the language

to set it as your main language. After adding additional secondary languages, drag any language to the top of the list

To add additional languages for your keyboard

of the languages you want to be able to type Tap the **Home button** \bigcirc > swipe left, if necessary > tap **Settings** | > Language & input > LG Keyboard > Select languages > checkmark all

Capturing a Screenshot

the same time for 2 seconds to capture a screenshot of the current screen. Press and hold the **Volume Down** button and the **Power/Lock button** (at

necessary > **Gallery** (> the **Screenshots** album. To view the captured image, tap the **Home button** O > swipe left, if

Using Capture+ to capture a screenshot

saved until you tap the **Done** icon \checkmark and choose a save location. the Capture+ icon 🛂 (in the Quick settings). The image is captured, but not On the screen you want to capture, drag the Status Bar downward and tap

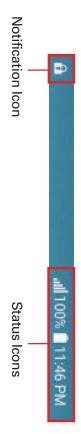
NOTE Make sure that the paper style is not set to paper.

captured image Access the app (**QuickMemo+** or **Gallery**) where you saved it to view your

Screenshots saved to the Gallery app are in the Capture+ album

Phone's Status Icons

the phone's status (on the right), along with the current time. indicating that you've received notifications (on the left) and icons indicating The Status Bar appears at the top of every screen. It displays icons



The following icons may appear in the Status Bar.

Call icons

In call	ŀ	Missed call
Speakerphone on	%	Microphone muted
■ Video call		

Sound icons

•	₫	0
Music playing	Vibrate mode	Do not disturb - Priority only
=	×	•
Music paused	Silent mode	Do not disturb - Total silence

Network icons

 +	(*)	+	×	\triangleright	¥	‡4	휴	÷ 2G
Downloading	App update available	Airplane mode	No SIM card	Roaming	Signal strength	Wi-Fi connected	4G LTE connected	3G connected
<u></u>	S	•	?	≯))	<u></u> ×	₩.	## 35h	#36
Uploading	App update successful	GPS on	Unknown SIM card	Network extender	No signal	Wi-Fi with no Internet	4G LTE in use	3G in use

K	
1/	
Download successful	
Emergency Alert	

Connectivity icons

	Z	ϫ	⊗	•	Ø
Headset with microphone connected	NFC on	★ Bluetooth headset battery full ★ Bluetooth headset battery low	Bluetooth connected	USB connected	Syncing
ລ		*!	8	₩ K	(d))
Internal storage full	Headset connected	Bluetooth headset battery low	Bluetooth on	USB debugging mode	(டி) Mobile Hotspot on

Email and Messaging icons

	В	П	<u></u>
Message not sent	New voicemail	New message	New email
	₽	Ą	Ī
	Email not sent	New Verizon message	New Gmail message

Calendar and Alarm icons

© ;	
Alarm set	
<u></u>	
Upcoming events	

Battery icons

×		**	
Not Charging	Low battery	Charging battery	Full battery
	***	3	(1)
	Empty battery	Wireless charging	Fast Charging

Other icons

	Â
Keyboard	More notifications
	Screenshot saved

Managing Notifications

alarms, as well as ongoing events, such as when you're on a call. notification sound, and/or the phone may vibrate, and/or see a notification Status Bar. You can open the Notifications panel to view a list of all of your When you receive a notification, the notification icon will be displayed in the recent notifications. Depending on your settings, you may hear a Notification icons report the arrival of new messages, calendar events

To open the Notifications panel

Touch and drag the Status Bar to the bottom of the screen.

the panel) allow you to quickly and easily change commonly used settings into ongoing and event-based notifications. The Quick settings (at the top of The Notifications panel displays a list of your current notifications, organized

NOTE

Tap the Settings icon 🌣 to access the complete Settings app from this panel

0 Expand Icon 1 () Settings app **CLEAR ALL Button** Tap here to change your **EDIT Button** through the list and tap an Flick right or left to scroll **Quick Settings** Settings Icon Tap here to clear your list of Tap a notification to open it. Quick settings list. icon to change its setting Tap here to open the

Notifications Panel

Expanded Quick Settings

event-based notifications

To respond to a notification

- Open the Notifications panel. Your current notifications are listed in the panel, each with a brief description.
- 2. Tap a notification to view it.

selection will open. For example, Gmail notifications open the Gmail app so you can read your new messages The Notifications panel will close and the app that corresponds to your

Quick settings on the Notifications panel

settings icons, if necessary. You can set which icons to display (and their your Quick settings choices and swipe left to view more of your Quick the top of the Notifications panel. Tap the **Expand** icon v to access all of commonly used settings. Your first 6 Quick settings icons are displayed at placement), include slide bars for Brightness and Volume, and add Sharing You can customize your Notifications panel to allow quick access to change

You can drag downward on the Quick settings section to expand it and drag upward

Customizing your Quick settings

are displayed and enable/disable the setting slidebars and sharing icons You can set the order of your Quick settings icons as well as which icons

- Open the Notifications panel, tap the **Expand** icon 🔾 , then tap **EDIT**. The top white section indicates your Quick settings icons
- To add an icon: Touch and hold the icon, then drag it to the upper section of the screen.
- To delete an icon: Touch and hold the icon, then drag it to the lower section of the screen.
- To move an icon: Touch and hold the icon, then drag it to another position in the upper section.
- To enable/disable the slidebar settings and sharing icons: Tap the Menu icon : , then checkmark the ones you want to appear in your Notifications panel.
- Tap the **Done** icon \checkmark to return to the Notifications panel.

Setting Your Lock Screen

only you can unlock it to make calls, access your data, buy apps, and otherwise prevent unauthorized use There are several Lock screen types allowing you to lock your phone so that

Setting a Screen Lock for the First Time

- Tap the **Home button** > swipe left, if necessary > tap **Settings** | > > Lock screen.
- 2. Tap Select screen lock.
- Tap Swipe, Knock Code, Pattern, PIN, Password or Fingerprints

screen. This is the default Lock screen that simply guards against unintentional actions. Swipe: A swipe motion in any direction on the screen will unlock the

screen's 2x2 grid. (When the screen is turned off, the 2x2 grid is tap DONE. Tap your sequence again and tap CONFIRM. how to create it. Tap a sequence on the 2x2 grid (from 6 to 10 taps), then first time you set a Knock Code, you'll see a tutorial with instructions on invisible, but the grid is displayed on the Knock Code Lock screen.) The Knock Code: Unlocks the screen using a tapping a sequence on the

your pattern and tap CONFIRM. Draw your pattern (connect at least 4 dots) and tap NEXT. Then redraw Pattern: Unlocks the screen using a pattern you draw with your finger.

digits) and tap NEXT. Reenter your PIN and tap OK to confirm it. PIN: Unlocks the screen with a number sequence. Enter a PIN (at least 4

and tap **OK** to confirm it. password (at least 4 characters) and tap NEXT. Re-enter your password Password: Unlocks the screen with an alphanumeric sequence. Enter a

Fingerprints: Unlock the screen by using your fingerprint.

password) to gain access to it. perform the unlock action you set (swipe, Knock Code, pattern, PIN, or From then on, any time you want to unlock the screen, you'll need to

Changing Your Screen Lock

- Tap the **Home button** > swipe left, if necessary > tap **Settings** ▷ > Lock screen
- Tap Select screen lock.
- Confirm your unlock information (if necessary).
- Tap the desired screen lock option and complete as necessary.

NOTE If you've set up a Microsoft Exchange account, you might only be able to use a password.

Lock timer

darkens due to inactivity before the screen automatically locks and requires you to enter your unlock sequence. If a security lock is enabled, you can set the delay time after the screen

- Tap the **Home button** > swipe left, if necessary > tap **Settings** 🔯 Lock screen. V
- Tap Lock timer, then tap the setting you want to use

Power key instantly locks

press the **Power/Lock button** (...). override the Security lock timer setting and lock the screen as soon as you If a security lock is enabled, enable the Power key instantly locks switch to

- Tap the **Home button** \bigcirc > swipe left, if necessary > tap **Settings** \triangleright > Lock screen
- 2. Enable the **Power key instantly locks** switch.

The Lock screen wallpaper

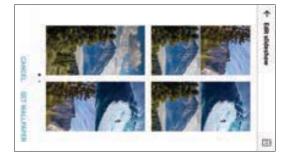
wallpaper. You can set the Lock screen wallpaper separately from your Home screen

- Tap the **Home button** \bigcirc > swipe left, if necessary > tap **Settings** Lock screen.
- Tap Wallpaper.
- Tap Wallpaper gallery to select one of the available wallpaper images
- Tap Gallery to select an image from your Gallery.
- Tap Collage Wallpaper to use a slideshow of collage wallpapers as your wallpaper.

Making collage wallpapers

You can make your own collage image to display it as a lock screen.

- Tap the Home button > tap Settings 🔯 > Lock screen > Wallpaper Collage Wallpapers
- Tap and select the images you want to display as a collage
- ω Edit the slideshow as desired and tap SET WALLPAPER



Fingerprints and Security

record a fingerprint (or multiple fingerprints). and pay using your phone. Once you've set a secure screen lock, you can **button** () to unlock the screen, access Gallery and QuickMemo+ content, your phone. Set it up to allow you to place a finger on the Power/Lock The Fingerprints & security setting allows another secure way to unlock

Registering a fingerprint

- Tap the **Home button** > swipe left, if necessary > tap **Settings** ❖ > Fingerprints & security > Fingerprints.
- 2. Read the fingerprint information, then tap **NEXT**
- ω Enter your unlock sequence or set a screen lock (whichever is needed).
- Place your finger on the **Power/Lock button** () and follow the screen prompts until the fingerprint is registered

NOTES

- Make sure that your fingers and the Power/Lock button () are clean and dry.
- Moisture, lotions, sweat, oils, cut or dry skin might affect the fingerprint including exercising, showering, swimming, cooking, or other conditions that change the characteristics of your fingerprint recognition. Certain activities can also temporarily affect fingerprint recognition,
- Cover the Power/Lock button () completely. Don't press too hard or too quickly (hardly move your finger while scanning is in progress).
- As you use the Fingerprint feature, it will continue to learn and improve recognition



- Repeat scanning the fingerprint by moving your finger little by little until the fingerprint registers
- 5. When your fingerprint registration is done, tap **OK**
- Tap ADD MORE to register another fingerprint. If you register only one problems multiple fingerprints to safeguard against fingerprint recognition fingerprint recognition may not work well. It's a good idea to register fingerprint and the corresponding finger is not in good condition

Managing fingerprints

You can edit or delete registered fingerprints.

- Tap the **Home button** O > swipe left, if necessary > tap **Settings** Fingerprints & security > Fingerprints **⇔** ∨
- 2. Enter your unlock sequence.
- 3. From the registered fingerprints list, tap a fingerprint to rename it. To delete it, tap the **Delete** icon iii.

Unlocking content with a fingerprint

your fingerprint. When enabled, you can unlock the screen and/or view locked content using

- Tap the **Home button** > swipe left, if necessary > tap **Settings** ▷ > Fingerprints & security > Fingerprints
- 2. Enter your unlock sequence.
- ω On the Fingerprints settings screen, enable the following switches as
- Screen lock: Unlocks the screen with a fingerprint
- ▶ Content lock: Unlocks content with a fingerprint

the Fingerprints screen) with a pattern or a password To enable the Content lock switch, you'll need to set up the Content lock setting (on

Fingerprints & security settings

agents, Screen pin, and app usage access. card lock, password visibility, phone administration, credential storage, trust (recording, naming, removing, etc.), setting content lock, encryption, SIM The Fingerprints & security settings include managing fingerprints

Tap Fingerprints, then enter your unlock sequence to manage your stored fingerprints, enable screen unlock with your fingerprint, enable content access with your fingerprint, and enable available payments

available payment apps. If your phone doesn't have a default payment app, go to Play Store and search for

Always-on Display

feature when you need to check the time quickly. even when the main screen is turned off. Always-on display is a useful You can display the date, time, signature or other information on the screen

use the battery longer. The battery may drain faster when you use Always-on display. Turn off this feature to



- Tap the Home button $\bigcirc >$ Settings >Display >Always-on display.
- This feature may be turned on when you purchase the device.
- The default setting may vary depending on the area and service provider.
- 2. Tap Content and select the item you want to display when the screen is off.
- NOTE Make sure to check that your signature does not exceed the input field

Multi-Tasking

Multi-window

drop interaction within your recently used apps be active at the same time (multi-tasking). This allows you to use drag and The Multi-window function splits the screen to enable two app windows to

Activating the Multi-window function

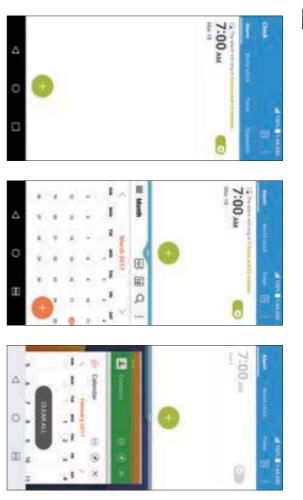
The Multi-window function is activated within your open apps

other app you want to use. Tap the Home button $\bigcirc >$ Recent apps button $\bigcirc >$ the Multi window icon 📰 (displayed on one of your compatible open apps), then tap the

2

an app from your recently-used apps list. While using an app, touch and hold the **Recent apps button** \square , then tap

icon To stop the Multi-window function, touch and hold the Multi window



NOTE

The Multi-window icon 📰 will only be displayed on apps that are compatible with the Multi-window function

Overview screen

view the list of recently-used apps, tap ∐. The Overview screen provides a preview of your recently-used apps. To

Wi-Fi

extra charges the wireless access point (AP). Enjoy wireless Internet using Wi-Fi, without With Wi-Fi, you can use high-speed Internet access within the coverage of

Connecting to Wi-Fi networks

phone to be able to connect to them. Turn off Wi-Fi when you're not using it them. Others are hidden or use security features. You must configure your to extend the life of your battery. 'hotspot'. Some access points are open and you can simply connect to To use Wi-Fi on your phone you need to access a wireless access point or

Turning Wi-Fi on and connecting to a Wi-Fi network

- Wi-Fi. Tap the **Home button** ○ > swipe left, if necessary > tap **Settings** ❖ >
- Tap the Wi-Fi switch end to turn Wi-Fi on and start scanning for available Wi-Fi networks
- ω Tap SEARCH to see a list of active and in-range Wi-Fi networks
- Secured networks are indicated by a lock icon.
- Tap a network to connect to it.
- If the network is secured, you're prompted to enter a password or other credentials. (Ask your network administrator for details.)
- 5. The Status Bar displays icons that indicate your Wi-Fi status

Wi-Fi Direct

without requiring an access point Wi-Fi Direct provides a direct connection between Wi-Fi enabled devices

Turning on Wi-Fi Direct

- Tap the **Home button** > swipe left, if necessary > tap **Settings** ▷ > Wi-Fi.
- 2. Tap the **Menu** icon : > Advanced Wi-Fi > Wi-Fi Direct.

Bluetooth

but not from the Bluetooth menu as on most other mobile phones You can use Bluetooth to send data by running a corresponding application,

NOTES

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

Turning on Bluetooth and pairing your phone with a Bluetooth

You must pair your phone with a Bluetooth device before you connect to it.

- Tap the **Home button** > swipe left, if necessary > tap **Settings** Bluetooth. **☆** ∨
- Tap the **Bluetooth** switch on to turn Bluetooth on and search for the devices within your phone's range
- ω Choose the device you want to pair with from the list

Once pairing is successful, your phone will connect to the device

Send data using the Bluetooth wireless feature

Open the item you want to send, then tap the Sharing icon «

Q R

Touch and hold the item you want to send, then select **Share**

OR

Open the item you want to send, then tap the **Menu** icon : > Share

Tap Bluetooth to share via Bluetooth.

NOTE The method for selecting an option may vary by data type

3. Search for and pair with a Bluetooth-enabled device

Content Sharing

Media server

Share media content on the device with nearby devices that support DLNA

- Tap the **Home Button** > swipe left, if necessary > **Settings** > > Share & connect > Media server
- Tap to activate Content Sharing.
- If you approve a share request from a nearby device, the device can access content on your device
- To change the content type accessible to nearby devices, tap Content to share.

Sending files

- Select a file and tap the **Share** icon <> SmartShare Beam. You can also tap the Share icon of from the file list and select files then tap SHARE > SmartShare Beam.
- ▶ When the confirmation window appears, tap OK
- 2 Beam. Select a device from the list of nearby devices that support SmartShare
- The file is sent to the device

Receiving files

You can send or receive files saved on your device to another LG device or

& connect > Tap the Home Button 🔾 > swipe left, if necessary > Settings 🔯 > Share File Sharing > SmartShare Beam and tap to activate it.

NOTES

- Make sure that your device is connected to the same wireless network as the file transfer target device
- Make sure that File Sharing is turned on in the Notification panel of both the device and the target device

Using nearby devices

your device. You can play images, music, and videos saved on a connected device from

- From the **Gallery** or **Music** app, tap the app's **Menu** icon **e** devices **1**. > Nearby
- 2. Select a device from the device list.
- ▶ If the desired device is not seen on the device list, check that the DLNA function is turned on, then tap Search nearby devices.
- 3. Play content saved on the selected device.

Placing and Ending Calls

your phone's memory using the Recent tab, the Contacts tab, or the from your phone's memory. Manually dial calls using the Dial tab. Dial from Groups tab. The Phone app allows you to dial phone numbers manually or make calls

To open the Phone app

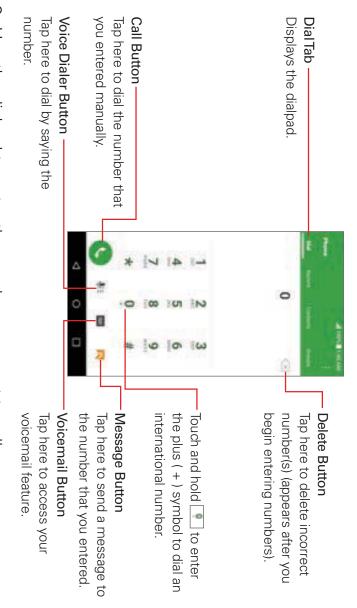
▼ Tap the Home button ○ > the Phone icon

Moving between the Phone app tabs

underlined white line. top of the screen to view that tab. You can also swipe the screen horizontally to scroll to the other tabs. The current tab is displayed with an Tap any of the Phone app tabs (Dial, Recent, Contacts, and Groups) at the

To place a call by dialing

Tap the **Home button** \bigcirc > the **Phone** icon \bigcirc > **Dial** tab



- Use the dialpad to enter the number you want to call.
- it to erase the entire number). Tap the **Delete** button 💌 to erase digits one by one (or touch and hold

- by the full phone number. To dial an international number, touch and hold [9] to enter the plus (+) symbol. Then enter the international prefix for the country, followed
- ω Tap the Call button 🕓 (on the dialpad) to dial the number that you
- Press the Volume buttons to adjust the call volume
- Use the on-screen buttons to enter additional numbers, add another call, use the speakerphone, end the call, and other options
- to easily navigate back to the Call screen. you can't use mobile data during a call). If you open another app, the You can use other phone features while the call is underway (however Ongoing call portal appears on the screen for the duration of the call

NOTE the Status Bar down to open the Notifications panel, then tap the Current call Notifications panel to end the call. To return to the Call screen, simply tap the notification Ongoing call portal or tap the Home button $\bigcirc >$ Phone icon $\bigcirc .$ You can also drag If you opened other apps while on a call, return to the Call screen or open the

you talk on the phone, when you add Advanced Calling to your line You can make high-definition voice and video calls, and surf the web while

Visit verizonwireless.com/AdvancedCalling to learn how

To end a call

Simply tap the **End** button (2) on the Call screen to end the call

are several ways to return to the Call screen to end the call. If you accessed other device functions while the call was in progress, there

- Tap the Ongoing call portal.
- Tap the **Home button** O, then tap the **Phone** icon
- Drag the Status Bar down, then tap the **End** icon a in the Current call notification.

feature in the Call settings (tap the Menu icon : > Call settings > Answer and end calls > enable the End calls with the Power key switch). You can also press the **Power/Lock button** () to end the call, if you activated this

Checking an incoming call while using an app

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



NOTE

> More and then tap Incoming voice call pop-up ____ to enable or disable it. Tap the Home button $\bigcirc >$ Phone icon $\boxed{\$} >$ tap the Menu icon $\boxed{\$} >$ Call settings

Calling numbers in your phone's memory

see a Call icon 📞 next to a number, tap it to automatically dial it. You can place calls using information stored in your phone. Anywhere you

Speed dialing

simply touching and holding the Speed dial number on the dialpad If you set up Speed dials in the Contacts app, you can dial a number by

Tap the **Home button** ○ > the **Phone** icon **Solution** > **Dial** tab, then touch and the second number for 2-digit speed dials). hold the Speed dial number (tap the first number, then touch and hold

Direct dialing

number) to automatically call the number you set (for example, your home phone A Direct dial widget is like a speed dial button on your Home screen. Tap it

귕 place a Direct dial widget on your Home screen

- Touch and hold an empty area on your Home screen.
- 2. Tap the Widgets icon 🔁.
- Tap Contacts and then touch and hold Direct dial and drag it to the desired location on the Home screen.
- Tap the contact in your Contacts list.

Answering or Rejecting Calls

the contact's entry. All incoming calls are recorded in the Recent tab When you receive a phone call, the Incoming call screen opens with the caller ID and any additional information about the caller that you've saved in

To answer a call

Drag the Answer icon in any direction to answer the call

NOTE To silence the incoming call ringer, press either of the Volume buttons

To ignore a call and divert it to Voicemail

Drag the Ignore icon in any direction to ignore the call

NOTE To silence the incoming call ringer, press either of the Volume buttons

To ignore a call and send a text message

enable it in the Phone app's Call settings menu To display the Ignore with message option on the Incoming call screen,

- Tap the Home button > the Phone icon Some > the Menu icon ::: > Call settings
- Tap Call blocking & Ignore with message > Allow ignore with message switch to toggle it On (blue).

뒫 Tap Allow ignore with message to manage your text message choices

NOTE applicable to incoming landline calls. This feature can only be used to send a message to another mobile phone. It's not

Working with the Recent Tab

number to your Contacts ignored. It offers a convenient way to redial a number, return a call, or add a The Recent tab records all of the calls you've dialed, received, missed, or

To open the Recent tab

Tap the **Home button** \bigcirc > the **Phone** icon $\boxed{}$ > the **Recent** tab, if

for that phone number and type. type. The number in parenthesis indicates the number of calls recorded The Recent tab lists your calls chronologically by phone number and call

Viewing call entry details

phone number and call type. Each one includes the call type (received \leftarrow , dialed ightarrow , missed ightharpoonup , and ignored ightharpoonup), the date and the time of the call. Open the Recent tab, then tap an entry to view all of the entries for that

Filtering your list of calls

tap Filter. Tap the call type you want to view. To view a specific call list, from the **Recent** tab, tap the **Menu** icon **iii**, then

Tap the **Back button riangle** to return to the Recent tab screen.

To dial a number in the Recent tab

- From the Recent tab, tap the Call icon & at the right of the call entry.
- From the Recent tab, tap the image to the left of the call entry to view other information saved in your phone's memory for that contact. Tap a phone number to dial it.
- phone number field, tap PASTE, then edit the number as necessary before tapping Copy number in the context menu. Change to the Dial tab, touch and hold the To insert an area code when you're traveling, touch and hold the entry, then tap

Clearing your Recent calls

entries. You can delete the entire list of Recent calls at once or selectively delete

- 1. Open the **Recent** tab.
- 2. Tap the Menu icon
- Tap Clear to select entries to remove from the list. Checkmark the entries to delete, tap CLEAR, then CLEAR.
- Tap Clear all to remove all of the entries from the list. Tap CLEAR to confirm you want to delete the entire list.

You can also select a specific number to be deleted. Touch and hold an entry in the Recent tab. Tap Clear all logs of this number, then tap CLEAR to confirm.

Calling Your Contacts

your Contacts list to dial quickly and easily. Instead of manually dialing phone numbers using the dialpad, you can use

when you first synchronize with your Google™ Account. If you have contacts on the web, they're synchronized with your phone

To call a contact

- Tap the **Home button** \bigcirc > swipe left, if necessary > tap the **Essentials** folder | > tap the Contacts icon | ...
- Tap the contact you want to call, then tap the contact's phone number you want to call.
- the entry to dial it. If the entry only has one phone number saved, simply tap the Call icon 6 next to

Instant List

entering numbers, Instant list displays entries from your Contacts list or stored in your phone without needing to search for it first. Once you begin Recent calls that match the sequence you entered Instant list is displayed on the Dial tab to help you use the information

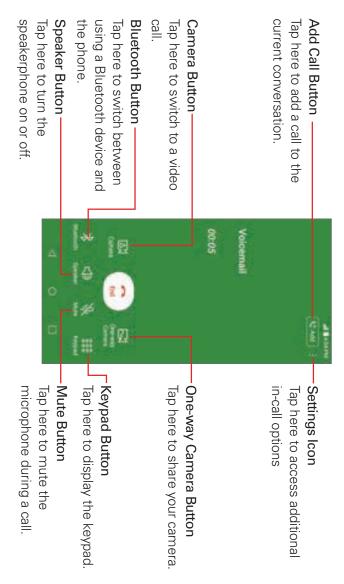
Sequence matches

screen to view the entire list of matching entries are multiple matches, the Instant list displays the number of matches in with the number you entered is displayed above the dialpad. When there red text. The name and type of number (i.e., Mobile, Work, etc.) associated your phone's memory. Tap the **Instant list** icon 迟 on the right side of the numbers. The matching number sequence is displayed within the number in Your phone searches for the entered sequence within your stored phone

Selecting an Instant list entry

tap the Call button Tap an entry in the Instant list to insert it in the phone number field, then to dial it.

Options During a Call



NOTE

Tap the Menu icon i on the Call screen to access Contacts.

Managing Multiple Calls

supported Contact your wireless service provider to find out which call services are

To switch between current calls

other call. The current call will be placed on hold and you'll be connected with the

To set up a conference call

conference calls and how many participants you can include. Contact your wireless service provider to find out whether they support

- 1. Place a call to the first participant.
- 2. When you're connected, tap the Add call button 📞 on the Call screen.
- 3. Enter a phone number.
- ▶ Use the **Phone** app tabs to select a saved number, then tap the **Call** icon

OR

- Use the buttons on the dialpad to manually enter a number, then tap the **Call** button
- After you're connected, tap the Merge calls button A indicates a conference call is active. The participant is added to the conference call and the Call screen on the Call screen.

Listening to Your Voicemail

or if you need to change it, you can do that in the Call settings. Tap the appears in the Status Bar. If you haven't set up your voicemail number, When you have a new voicemail message, the Voicemail notification icon **Menu** icon in the Phone app (from the Dial tab or the Recent tab).

To listen to your Voicemail

Open the Notifications panel and tap the New voicemail icon on

- ▶ Tap the **Home button** > swipe left, if necessary > **Voicemail** OR R
- Tap the **Home button** \bigcirc > the **Phone** icon $\boxed{}$ > the **Dial** tab > the Voicemail button ...

To set up your Voicemail

setting a password, etc. voicemail, it also guides you through the process of recording greetings listening to and managing your voicemail. The first time you call your Typically, your carrier's voicemail system guides you through the process of

- Tap the **Home button** \bigcirc > the **Phone** icon \bigcirc > the **Dial** tab
- 2 Dial *86 on the dialpad to call to your voicemail box
- 3. Follow the setup tutorial.
- Enter a password.
- Record a voice signature and greetings for your voicemail box.

Contacts

can scroll through the list or select the Groups tab. information in your phone's memory. Entries are listed alphabetically. You The Contacts app allows you to store names, phone numbers, and other

acquaintances, and associates Use the Contacts app to add, view, and communicate with your friends,

To open your Contacts app

Tap the **Home button** O > swipe left, if necessary > tap the **Essentials** folder 🐩 > tap the Contacts icon 🚣

You can also tap the Contacts tab from the Phone app

hints will be displayed to help you start adding contacts to your phone If you don't have any contacts in your Google Account or on your SIM card,

Contacts list

alphabet is displayed vertically along the right side of the screen. You can drag along it or tap the letter you want When you open the Contacts app, your contacts list is displayed. The

whether or not the phone is locked. someone can contact on your behalf in the event of an emergency, up to 5 emergency entries from your contacts list. These are entries that In Case of Emergency contacts is displayed above your list of contacts. Add

To add ICE entries

- Tap the Home button O > swipe left, if necessary > tap the Essentials folder 5 > tap the Contacts icon 4
- Tap In Case of Emergency contacts (at the top of the list)
- 3. Tap the Add entry icon 4.
- Checkmark the entry (or entries) to add to your ICE list, then tap ADD.

ICE Information

instructions, etc.) that can be accessed in case of an emergency. To add your personal information: about you (such as health record, allergies, medications, special In addition to your emergency contacts, you can enter personal information

- From the emergency contacts screen, tap the Information icon ①
- 2. Tap the Add icon \(\bigsup_{\text{n}}\), enter your information, then tap SAVE

To search for a contact

- Tap the **Home button** O > swipe left, if necessary > tap the folder 🚉 > tap the Contacts icon 🔔 Essentials
- Tap the Search contacts box and enter the contact name. Matches are displayed as you begin to type

Searching your online contacts simultaneously

accounts You can search for your contacts simultaneously from all of your online

Menu icon : > Contacts settings > enable the Online search switch. To set your phone to search simultaneously, open the Contacts app, tap the

To open your groups list

Open the Contacts app and tap the Groups tab.

your accounts (at the bottom of the screen). Groups displays your contacts by category (at the top of the screen) and

screen, and Contacts settings Tap the Menu icon 📔 from the Groups tab to access Share, Change order, Default

To view details about a contact

- 1. Open the **Contacts** app.
- 2. Tap the contact whose details you want to view.



- ω The information you entered for the contact is displayed. The following options are available (depending on the types of information saved).
- The Dial icon places a call to the number.
- The Message icon = starts a message
- The Email icon low starts an email.
- The Menu icon accesses the following menu options: Share, Forward, Merge, Back up, Refresh, and All calls to voicemail.

Adding Contacts

accounts that support syncing contacts. contacts in your Google™ Account, Microsoft Exchange account, or other You can add contacts on your phone and synchronize them with the

or separating entries create a single entry. You can also manage that process manually by joining attempts to join new information with existing similar contact entries to Since your contacts can come from a variety of sources, the Contacts app

To add a new contact

- 1. Open the **Contacts** app
- 2. Tap the New contact icon
- Tap the Accounts field to select the where you want to save the contact, if necessary.

NOTE you want it assigned to To change the account later, edit the entry, tap the account, then tap the account

- 4. Enter the contact's name.
- <u>ن</u> Tap a category of contact information, such as phone number or email address, to enter that kind of information about your contact.
- Tap a category's contact information to add more than one entry for that category. For example, in the phone number category, enter a labels. For example, Home, Work or Other for a phone number. of the entered information to open a drop-down menu of preset work number and add a home number. Tap the label field to the right
- ▶ Tap More to add additional fields.
- 6. Personalize the contact entry.
- Set the group this contact belongs in.
- Set a ringtone to identify calls from this contact.
- Set a message alert sound to identify notifications from this contact.
- list of contacts and in other apps Tap the Image icon 🕒 to select a picture to identify the name in your
- 7. When you're finished, tap **SAVE**.

Editing a Contacts entry

- Open the Contacts app, then tap the contact entry you want to edit.
- 2. Tap the Edit icon \nearrow .
- Edit the entry as needed, then tap SAVE.

Merging and separating contacts

them into a single entry. You can also separate contacts that were merged. When you have two or more entries for the same contact, you can merge

- Open the Contacts app, then tap the contact entry you want to join with another entry.
- 2. Tap the Menu icon ┇ , then tap Merge
- 3. Select the entry you want to merge.

to allow you to separate the joined entries Once entries have been merged, Separate is included in the options menu

- Open the Contacts app, then tap the contact entry you want to separate
- 2. Tap the **Menu** icon :, then tap **Separate**.
- 3. Tap **SEPARATE** to confirm.

Setting Speed Dials

Designating multiple speed dials

- Open the Contacts app, then tap the Menu icon :..
- Tap Speed dial.
- ω. Tap the speed dial number to assign, then tap the Contact entry for it.
- Repeat selecting a speed dial number and the desired Contact entry as necessary.

Transfer type

into one file or you can send separate vCard files When you want to send your contacts entries, you can combine them all

Contacts settings > Share contacts as: To set the transfer type, from the **Contacts** app, tap the **Menu** icon :

- One file: This setting combines all of your contacts into one file. It allows a faster transfer, but some devices can't receive contact information sent using this option.
- Individual files: This setting sends each contact as a separate vCard file. It allows all devices to receive your files

Messaging

as your default messaging app which will enable you to use all of app's the Messaging app 💷, and the Message+ app 🞑, but only one can be set Three apps are preloaded on your phone that allow you to send messages:

To open the Messaging app

Tap the **Home button** O > swipe left, if necessary > tap the **Essentials** folder 💕 > Messaging 📃

Using the Messaging app

app. To use the Messaging features, you must set it as the default messaging

NOTE You can view your messages in the Messaging app without setting it as your default app, but you can't create a message

message. Tap the **New message** icon 💿 to start a new text or multimedia



- ▶ Tap an existing message thread to open it
- Tap the **Delete** icon to delete message threads
- Tap the Menu icon it to access Search and Settings

NOTE Pinch in (or spread apart) on your list of messages to resize it for easier viewing or navigation.

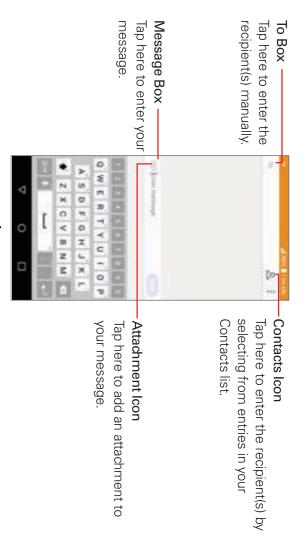
d delete a message thread from the Messaging window

- 1. Touch and hold the message thread.
- 2. Tap **Delete** in the context menu that opens.
- ω Tap **DELETE** to confirm you want to delete the message thread.

To send a text message

- Open the Messaging app (set it as your default, if necessary), then tap the **New message** icon **...**
- 2. Enter the recipient(s) in the **To** box.
- Tap the Contacts icon 2, select one or more entries from your Contacts list, then tap **DONE**
- Enter a name (or a partial number), then tap a suggestion displayed from your Contacts list.

- Enter a number manually for phone numbers not in your Contacts list.
- Tap the message box, then enter your message



automatically saved as a draft. The **Draft** icon 🖉 the message thread to resume composing it. message thread indicates a pending draft message to the recipient. Tap If you tap the **Back button** \triangleleft while composing a message, it's on the right side of the

 $\dot{\omega}$ Tap the **Send** button to send the message creating a message thread with that contact. Your message is displayed and responses appear in the same window,

To create and send a multimedia message

- Open the Messaging app (set it as your default, if necessary), then tap the New message icon
- 2. Enter the recipient(s) in the To box.
- Contacts list, then tap DONE Tap the Contacts icon 2, select one or more entries from your
- Enter a name (or a partial number or email address), then tap a suggestion displayed from your Contacts list.
- Enter a number or email address manually
- Tap the message box, then enter your message
- Tap the **Menu** icon : > **Add subject** to add a message subject.

The subject text appears above the body text in bold letters

 \odot Tap the **Attachment** icon et o open a dialog box where you can choose the type of media file to attach to the message.

To delete an attachment, simply tap the **Delete** icon \bigotimes on the attached file

Tap the Send MMS button.

Receiving and viewing messages

notification based on the Notification setting. that contact is displayed. Otherwise, you'll receive a new message If you're working in a message window, messages that you receive from

If the Show as pop-ups option is enabled, you'll receive a pop-up notification on the current screen which you can use to directly reply.

additional options listen to it. Touch and hold the media file to open a context menu with If the message contains a media file, tap the Play button to view, watch, or

of sending a message. While viewing a message thread, you can tap the Call icon 🙋 to place a call instead

To respond to messages you receive

While viewing the received message, tap the message box at the bottom button of the screen, complete your response as necessary, then tap the Send

Changing Messaging Settings

To change the Messaging settings, open the Messaging app (set it as send, and more settings include setting notifications, quick reply text, storage, link & your default, if necessary), tap the **Menu** icon 📙 > **Settings**. Messaging

Email

The following account types are supported: Microsoft Exchange, Outlook, Yahoo! Mail, AOL Mail, Verizon, and other accounts

To open the Email app

▶ Tap the Home button O > swipe left, if necessary > tap Email @.



add an email account. After the initial setup, the Email app displays the contents of your Inbox. The first time you open the Email app, a setup wizard opens to help you

You can also add your email account(s) using the Accounts menu in the Settings

The Accounts list

The Menu displays all of your email accounts

your email accounts and folders. You can also swipe horizontally from the left side of the screen to open the Email Menu to view your Accounts list. Open the **Email** app. Tap the **Email Menu** icon \equiv to display a list of all of

Each account name is displayed in an identifying color. Tap an account to toggle between displaying and hiding its folders. The number of unread mail is displayed next to each account's Inbox.

Using the Email app

- Tap the Compose icon 🕶 to compose a new message
- Tap the Email Menu icon ≡ to switch between your email accounts and folders
- Touch and hold a message, then you can tap MARK AS READ/UNREAD, of your messages at once, then tap the action to apply to all of them MOVE TO, or DELETE. You can also tap the Select all icon to select all
- Swipe a message off the screen to the left or right to delete the message.
- Tap the **Menu** icon QSlide, and Settings to open the options menu to access Sort by,
- Drag downward from the top of the Inbox list to refresh the list.

Message search

displayed results. Tap the **Search** icon **Q**, enter the text you're looking for, then tap one of the

Reading Your Email

individual account. Tap a message entry to open it. You can read your email from the Inbox, or from other folders within each

is displayed on the left side of the screen. Tap an email to open and display its format when the phone is held horizontally. Your Inbox (or any other selected folder) If you enable the Split view setting, the Email app is displayed in a split-screen contents on the right side of the screen.

To read an email

the left of each message corresponds with each account's identifying color. When viewing the combined view for your Inboxes, the color displayed to

- Open the **Email** app, then tap the **Email Menu** icon \equiv .
- Tap Inbox under Combined view to display all of your messages from all view. of your accounts together or tap Inbox under the account you want to

To add an account

From the Email app, tap the Menu icon : > Settings > Add account. Then, configure the new email account settings as necessary

Changing Email settings

To change the Email settings, open the Email app, tap the Menu icon : > Settings

Other Settings

view, Save to, Ask before deleting, Auto-advance, and Load images. The Other Settings menu includes the following options: Preview, Split

Accounts

server settings. email size, Always Cc/Bcc me, Incoming server settings and Outgoing account including Account name, Signature, Edit signature, Notifications, Notification sound, Vibrate, Auto-sync email, Sync schedule, Default Tap an account in the list to modify the settings that apply only to that

Voicemail

phone rather than accessing voicemail via traditional methods The Voicemail app allows the management of voicemail directly from the

and listen to voice instructions or prior messages message(s) to listen to or delete, without having to dial into your mailbox Voicemail can display a list of your messages allowing you to choose which

To be able to use Voicemail

1. Tap the Home button O > swipe left, if necessary > Voicemail $^{ }$

dialpad, and you've subscribed to the Visual Voicemail service, the Visual Voicemail to the Visual Voicemail service. When you tap the Voicemail button 💿 on the app will be launched. Listening to voicemail and setting up your voicemail service depends on subscription

- 2. The first time you access the Voicemail app, you'll have to subscribe to the Visual Voicemail service to be able to use it.
- ω After subscribing to the Visual Voicemail service, you'll be prompted to enter the password. To change the password, call voicemail (dial *86).
- After entering the password, your voicemail entries will be displayed in your Inbox.

additional options, tap the Menu icon : . The following options are and Settings available: Search, Save, Set as heard, Sort by, Saved Voicemail, Refresh, While viewing the voicemail list, you can select an entry (see step 5). For

5. Tap a voicemail entry to listen to it.

Camera

phone has an integrated standard camera and wide-angle camera that lets such as gesture shots, interval shots, burst shots, still photo capture while creatively capture your world. recording video, and much more. These features will allow you to easily and you capture sharp pictures and videos. It has many state-of-the-art features You can use the Camera app to take and share pictures and videos. Your

NOTE A lens cover with smudges from fingers can cause blurry pictures with a "halo" Be sure to clean the protective lens cover with a soft cloth before taking pictures

To open the Camera app

Tap the Home button O > Camera

activate the Camera app (when enabled in the Settings app). With the backlight off, press the **Volume Down** button | twice to immediately

NOTES Before taking a photo or recording a video, wipe the camera lens with a soft cloth.

- Be careful not to stain the camera lens with your fingers or other foreign
- If the battery level is lower than 5%, charge the battery before using the camera.
- Images included in this user guide may be different from the actual device
- Photos and videos can be viewed or edited from the Gallery app.

Wide-angle camera

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

switch between the standard and wide-angle camera Tap the **Standard** icon (<u>呂</u> / 女) or the **Wide-angle** icon (<u>郷</u> / <u>嫩</u>) to

Front camera

Standard camera icon



Wide-angle camera icon



Back camera

Standard camera icon



Wide-angle camera icon



Pinch-to-zoom will also switch between the standard and wide-angle

On the camera screen, zoom in or out with your two fingers. As you between the normal and wide-angle camera. lens/zoom levels, or you can use the displayed +/- slide bar to switch zoom, the lens icon will automatically switch based on the corresponding

NOTE

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

Switching between cameras

You can switch between using the front and back camera

any direction to switch between the front and back camera On the camera screen, tap the **Lens Swap** icon 🗐 or swipe the screen in

Camera roll

You can view the photos and videos you have taken on the camera preview

Camera roll. Launch the **Camera** app, select the **AUTO** [A] mode and tap **Settings** 🔯

- When you take photos or record videos, you can view the thumbnails for the saved pictures along the side of the screen.
- Scroll the thumbnail lists up or down to browse the photos and videos
- Tap a thumbnail to view the photo or video on the camera screen.
- Tap the thumbnail again to return to the camera viewfinder.



NOTES

- This feature is not supported when you take a photo or record a video in the 18:9 aspect ratio.
- Camera roll feature is only available in Auto view mode.

Tracking your focus point while using the camera

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

- 1. Launch the Camera app, select the AUTO [A], MANUAL [O] or MANUAL ☐ mode and tap Settings ⟨◌⟩ > Tracking focus.
- 2. Before recording a video or taking a photo, lightly tap the screen to select the object you want to focus on.



3. Take the photo or start recording your video.

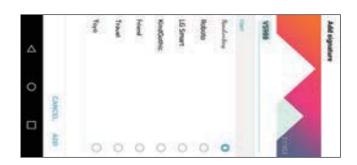
NOTES

- To use this feature, select the standard camera \triangle for recording a video.
- This feature is unavailable when you use the front camera or the wide-angle
- Tracking focus is unavailable in the following cases:
- -Video size limitation: Resolution is set as UHD 16:9.
- FPS limitation: 60 FPS.

Signature

You can create a personalized photo by using your signature.

- Launch the Camera app, select the AUTO [A] and tap Settings 🔆 > Add signature
- 2 Enter the signature as desired and tap ADD to add on photo.

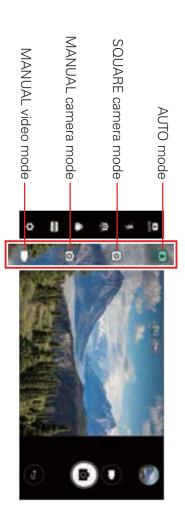


NOTE This feature is not available when you use the Manual video mode.

Changing the camera mode

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

On the camera screen, select the **AUTO** A and choose the desired mode.



Auto mode

photos and record videos You can select from a variety of camera modes and options to take your

- Launch the Camera and select the AUTO [A]
- Record button (1) To take a photo, tap the **Capture** button [O]. To record a video, tap the

Film Effect - Apply a film filter effect

Lens Swap – Switches between the rear-facing camera lens and the front-facing camera lens

Flash – Indicates the current flash mode. Tap it to toggle through the flash modes

Standard – Activates the standard rear camera.

Wide-Angle – Activates the wide-angle rear camera



video you captured. photos and videos. Tap it to display the last photo or Gallery – Accesses your Gallery to view your saved

Record – Starts recording a video

Capture – Takes a picture

·Settings – Displays the settings for the Auto camera mode. See Customizing the camera

options.

The current selection is blue. See Specialty Shots on pages 85-90 Shot Mode – Displays the shot modes which sets how you want the picture taken.

Taking a photo

- Select a camera mode and tap the subject to focus the camera on it.
- 2. Tap the **Capture** button [O] to take a photo
- You can also press the **Volume Down** $\|$ or **Volume Up** $\|$ button to take a photo

NOTE

When the screen is turned off or locked, start the camera by pressing the Volume **Down** button [] twice. Tap the **Home Button** \bigcirc > **Settings** $\{\bigcirc\}$ > **Shortcut keys** and enable the switch.

Recording a video

- Select a camera mode and tap the subject to focus the camera on it.
- ▶ To take a photo while recording a video, tap the Capture button [O].
- To pause the recording, tap the Pause button | |. To resume the recording, tap the Resume button
- 3. Tap the **Stop** button to end the video recording.

Customizing the camera options

You can customize a variety of camera options to suit your preferences

Tap **Settings** ⟨∑⟩ on the camera screen.

NOTE the selected camera mode. Available options vary depending on the selected camera (front or back camera) and

Photo size	Sets the desired value for the aspect ratio and size of your photos.
Video resolution	Sets the desired value for the resolution and size of your videos.
Camera roll	Displays your recent photos and videos along the side of the screen.
HDR	Sets compensation effects to produce photos in vivid colors, even when they are taken against the light. These functions are provided by the high dynamic range (HDR) technology equipped in the device's camera.
Timer	Sets the timer to automatically take photos after a specified period of time.
Cheese shutter	Enables taking photos with voice commands.

Tracking focus	Enables the camera to remain focused on the subject you touch on the screen, even if the subject is moving. (Available when the Standard camera is in use.)
Steady recording	Stabilizes the video image to minimize motion blur.
Tag locations	Saves the image with GPS location data.
Grid	Displays guide grids so that you can take photos or record videos based on the horizontal and vertical reference lines.
Add signature	Display a personalized signature on the photos.
Storage	Select if you want to store the pictures and videos in the Internal storage or SD card. (Available when a memory card is inserted.)
Simple view	Hides all menus from the camera screen.
Help	Provides help information for each camera menu.

Additional options on the front camera

Selfie shot	Sets how you want to take your selfies (Gesture or Auto). Available from the front-facing lens only.
Gesture view	Allows you to check your selfie shot immediately after taking it. Available from the front-facing lens only.
Save as flipped	Enables the selfie to be saved as a mirror image of the screen view. Available from the front-facing lens only.

NOTE

Specialty Shots

the Auto camera mode. Tap the MODE | icon to access a variety of camera options to capture images You can take various specialty shots while using the rear-facing camera in

Panorama

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

- In the AUTO mode, tap MODE | word > the Panorama icon |
- 2. Tap the Capture button [O] and then slowly move the camera in one direction.
- Move the device by following the direction of the arrow in the guideline
- 3. Tap the **Stop** button \(\bigcup \) to stop capturing the panoramic.



360 Panorama

direction. You can create a 360° panorama photo by moving the camera in one

- 1. In the AUTO mode, tap MODE | > the 360° Panorama icon
- 2. Tap the Capture button [O] and then slowly move the camera in one direction.
- Move the device by following the direction of the arrow in the guideline.
- ω. Tap the **Stop** button floor to stop capturing the 360 $^\circ$ panorama.



Food

using the control slide bar on the right of the screen. colors to your favorite food image. You can take a photo and record a video The food's colors will be enhanced and brightened. You can also adjust the

- In the AUTO mode, tap MODE | the Food icon | | P
- To take a photo, tap the Capture button [O]. To record a video, tap the Record button □1.
- Drag the color slide bar on the screen to adjust the white balance and select the best color.
- ▶ If the slide bar is invisible, tap the **White balance** icon 🔆 to adjust the white balance



Popout

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

- In the AUTO mode, tap MODE | the Popout icon |
- 2. Tap the **Layout** icon \checkmark and select the desired layout
- Select the desired effect:
- Fisheye: Apply a convex lens effect to the area captured by the wide-angle camera
- **B&W**: Apply grayscale to the area captured by the wide-angle camera.
- Vignette: Darken the edges of the area captured by the wide-angle camera.
- Lens blur: Blur the area captured by the wide-angle camera
- Record button [Tap the Capture button [O] to take a photo. To record a video, tap the



Snap

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

- 1. In the AUTO mode, tap MODE word > the Snap icon
- Tap the icon once to record a three-second video clip. Touch and hold the icon to create a longer video clip (maximum length: one minute).



3. Tap SAVE.

Slo-mo

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

- In the AUTO mode, tap MODE [woe] > the Slo-mo icon ((
- 2. Tap the **Record** button and record a video
- ω Tap the **Stop** button to end the video recording



Time-lapse

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

- In the AUTO mode, tap MODE wo > the Time-lapse icon (6)
- 2. Tap the **Record** button and record a video.
- Tap the **Stop** button I to end the video recording.

NOTE

While recording a Time-lapse, voices are not recorded



Burst shot

You can take continuous shots to create the illusion of moving pictures

In the **AUTO** mode, touch and hold the **Capture** button **O**.

Continuous shots are taken at a fast speed while the Capture button [O] is held down.

Simple view

on the camera screen. Tap the **Redisplay** icon 🖶 to display them again. In the AUTO mode, tap the Settings 😂 > Simple view to hide the menus

Square mode

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

- Launch the Camera app, then tap AUTO [A] > SQUARE mode [O]
- Tap MODE was and select the desired camera mode
- ω To take a photo, tap the **Capture** button [O]. To record a video, tap the Record button

Snap shot

You can take a picture or record a video and preview it right away.

- In the SQUARE mode, tap MODE wo > Snap shot button ...
- Tap the Capture button [6] to take photo. To record a video, tap the Record button .



Grid shot

You can take up to 4 photos or 4 videos (max of 3 seconds) organized in a

- 1. In the SQUARE mode, tap MODE [MODE] > Grid shot button :
- Tap the Capture button [O] / Record button to take photos or record videos sequentially.
- 3. Tap v to save.



Match shot

You can take 2 photos or videos at the same time or separately.

- 1. In the SQUARE mode, tap MODE wo > Match shot button
- Tap 归 /归 to take a picture or record a video at the same time or separately.
- ω Tap the Capture button [O] / Record button III to take photos or record videos.
- 4. Tap 🕶 to save (if necessary).



Guide shot

You can take photos by following another photo's guide.

- 1. In the SQUARE mode, tap MODE | Squide shot button]
- 2. Select from the guides on the right to choose the one you want to follow.
- 3. Tap the **Capture** button [O] to take photos.

NOTE Use the slide bar to control the background transparency.



Customizing the camera options

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

Tap **Settings** ⟨͡ᠫ⟩ on the screen.

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

Photo size	Select the desired value for the aspect ratio and size of your photos.
Video resolution	Select the desired value for the resolution and size of your videos.
HDR	Obtain photos in vivid colors and get compensated effects even when they are taken against the light. These functions are provided by the high dynamic range (HDR) technology equipped in the device's camera.
Timer	Set the timer to automatically take photos after a specified period of time.

Cheese shutter	Take photos with voice commands.
Tracking focus	When the subject is touched, the video is recorded tracking the focus even if the subject is moving. (Available when the standard camera is in use.)
Steady recording	Minimizes motion blur while recording a video.
Tag locations	Save the image with GPS location data.
Grid	Display guide grids to so that you can take photos or record videos based on the horizontal and vertical reference lines.
Add signature	Display a personalized signature on the photos.
Storage	Select if you want to store the pictures and videos in the Internal storage or SD card. (Available when the memory card is inserted.)
Help	Provide Help for each camera menu.

Additional options on the front camera

Save as flipped		Selfie shot	
Save as flipped Save as flipped images after taking selfies.	 Auto shot: Take a picture when the camera detects a face. 	Gesture shot: Take a picture using the Gesture shot feature.	Customize selfie shot settings.

NOTE

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

Manual camera mode

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

- Launch the Camera app, then tap the AUTO A mode > MANUAL camera mode O.
- 2. Manually adjust the following camera settings, as necessary.



3. Tap the **Capture** button or take the photo.

Customizing the camera options

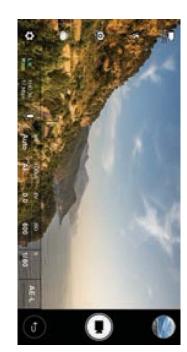
You can customize a variety of camera options to suit your preferences.

Photo size	Sets the desired value for the aspect ratio and size of
Timer	Sets the timer to automatically take photos after a specified period of time.
Cheese shutter	Enables photos to be taken with voice commands.
Tracking focus	Enables the lens to remain focused on the subject you touch on the screen, even if the subject is moving. (Available when the Standard camera is in use.)
Tag locations	Saves the image with GPS location data.
Guide	Displays guides so that you can take photos or record videos based on the reference lines.
Save as RAW	Stores the image as a RAW file format so that you can modify it. The DNG file is created while taking a photo, then saved as a non-compressed high resolution image.
Add signature	Display a personalized signature on the photos.
Storage	Select if you want to store the pictures and videos in the Internal storage or SD card. (Available when a memory card is inserted.)
Help	Provides help information for each camera menu.

Manual video mode

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

1. Launch the Camera app, tap the AUTO [A] mode > MANUAL video mode L.J.



- 2. Manually adjust the camera settings, as necessary.
- 3. Tap the **Record** button **III** to record a video.

Customizing the camera options

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

Vido	Sets the desired value for the aspect ratio and size of
video lesolation	your videos.
Frame rate	Sets the frames per second value.
Bit rate	Sets the image quality for videos.
Hi-Fi	Records a video with Hi-Fi quality sound.
Timer	Set the timer to automatically take photos after a specified period of time.
Steady recording	Minimizes motion blur while recording a video.
Tracking focus	Enables the camera to remain focused on the subject you touch on the screen, even if the subject is moving. (Available when the standard camera lens is in use.)
Tag locations	Saves the image with GPS location data.
Grid	Displays guide grids so that you can take photos or record videos based on the horizontal and vertical reference lines.
Storage	Select if you want to store the pictures and videos in the Internal storage or SD card. (Available when a memory card is inserted).
Help	Provides help information for each camera menu.

Steady recording

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

recording or the MANUAL video mode ☐3 > the Settings icon ⟨҈⟩ > Steady Launch the Camera app, then tap the AUTO mode [A], SQUARE mode [O]

Hi-Fi video recording

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

Launch the **Camera** app, then tap the **AUTO** mode [A], **MANUAL** video

NOTES

- Hi-Fi videos can only be played in apps that support Hi-Fi.
- This feature is unavailable when you use the front camera

Selfie shot

selfies. The camera settings allow you to set how selfies are taken. You can use the front camera to view your face on the screen and take

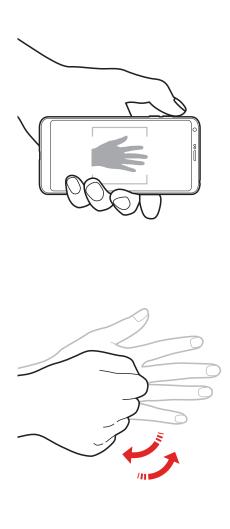
Gesture shot

You can take selfies using gestures

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

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

▶ In three seconds, a photo is taken.



NOTES

- To use this feature, switch to the front camera, then tap the **Settings** icon $\{0\}$ > Selfie shot > Gesture shot.
- Make sure that your palm and fist are completely within the recognition area so that the camera can detect them.
- This feature may not available while using some of the camera features

Interval shot

You can take continuous selfies.

clench your fist twice quickly. While using the front camera, you can show your palm to the camera, then

After a short timer delay, four photos are taken at about two-second intervals.



Tap the Settings icon ⟨◌⟩ > Selfie shot > Gesture shot to use this feature

Auto shot

NOTE

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

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

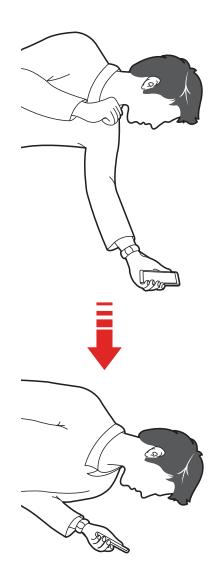


NOTE

To use this feature, switch to the front camera, then tap the **Settings** icon $\{0\}$ > Selfie shot > Auto shot.

Gesture view

immediately by moving the screen close to your face. After taking a selfie with the front camera, you can preview the selfie



NOTES

- To use this feature, switch to the front camera, then tap the **Settings** icon $\{\widehat{O}\}$ > Gesture view to enable the Gesture view feature.
- Only one preview is available each time a photo is taken.
- If you rotate the device while viewing the preview screen, the screen switches to camera mode.

Save as flipped

as flipped to flip the captured image horizontally. Before taking a photo with the front camera, tap **Settings** icon 😂 > **Save**

Other useful features in the Camera app

AE/AF lock

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



Focus peaking

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



To turn off the feature, tap Focus peaking.



Zoom in or out

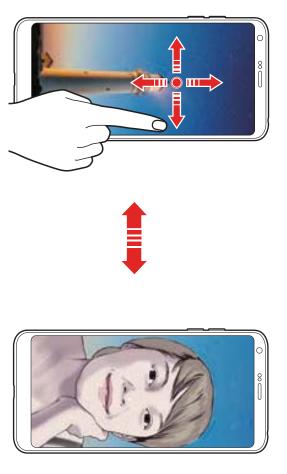
recording a video. You can use zoom in or out on the camera screen while taking a photo or

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

Switching between cameras

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

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



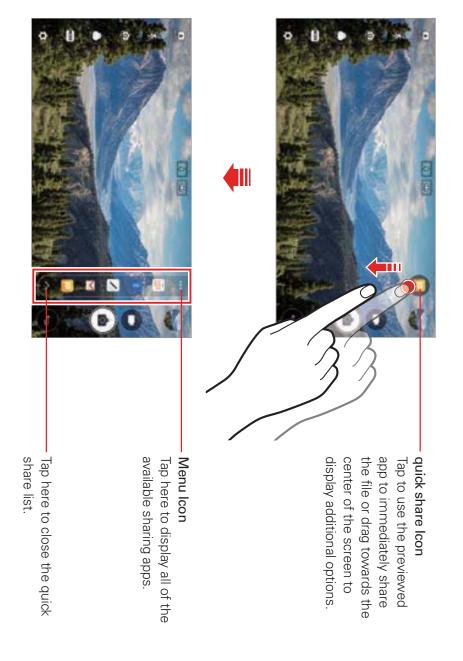
quick share

through an app. You can take a picture or record a video and then immediately share it

- Tap the **Home button** > **Camera** ●, then take a photo or record a video.
- frequently used sharing apps. You can also tap the Menu icon ... (in the Tap the quick share icon that appears on the screen to immediately open quick share selections list) to display all of the available sharing apps the center of the screen to display the quick share list of your other its app and use it to share your photo or video. Swipe the icon towards

NOTES

- The app displayed by the quick share icon may vary, depending on the type and frequency of access to the apps installed on the device.
- You can use this feature only when you take a photo or record a video in the AUTO and SQUARE modes



Gallery

Open the Gallery app to view albums of your pictures and videos

To open the Gallery app

- 1. Tap the **Home button** O > **Gallery**
- 2. Tap the album you want, then tap the photo you want to view.

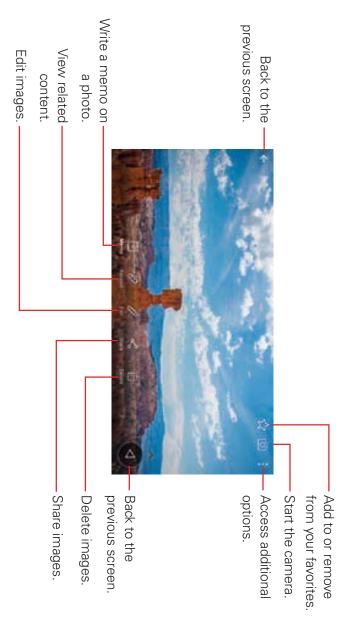
Viewing photos

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

NOTES

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

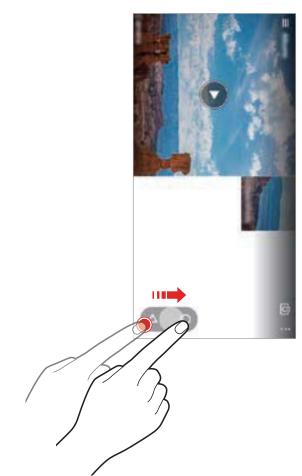
Viewing photos



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

Floating button

the **Home button (O)**, and then release it. orientation, touch and hold the **Back button** (4), move your finger upward to To quickly move to the Home screen while viewing the Gallery in landscape



NOTE bottom part of the screen You can move the floating button's position by dragging it horizontally along the

Related content

You can edit and customize related content in the Gallery.

- 1. While viewing a picture preview, tap **Related** icon \mathscr{S} .
- 2. When the icon related with the date you took the photo appears, touch the screen.



You can view the photos related with the date you chose



NOTE

Place, Camera mode' Related contents can be related to up to four combinations of 'Memories, Date,

- Tap the Content Save icon , to save the related content as a video
- ▶ Tap the Menu icon : to access additional options

Editing photos

- 1. While viewing a photo, tap the **Edit** icon \nearrow
- 2. Use a variety of effects and tools to edit the photo.
- Tap SAVE to save changes.
- The edited photo overwrites the original file
- copy. To save the edited photo as another file, tap the Menu icon : > Save

Writing a memo on the photo

- 1. While viewing a photo, tap the **Memo** icon **2**.
- 2. Write a memo on the photo and tap SAVE

Playing a video

provides the following options. Select a video from an album in your Gallery. Playing it using the Videos app

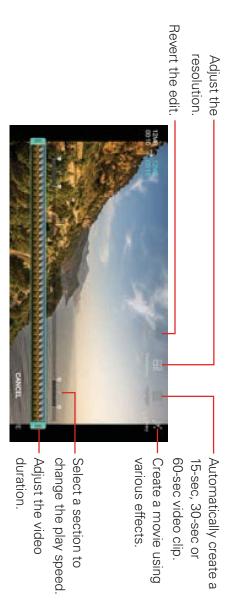


NOTES

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

Editing videos

- 1. While viewing a video, tap the **Edit** icon 🌽
- 2. Use a variety of effects and edit tools to edit the video.



3. Tap **SAVE** to save changes

Making a GIF file

You can easily make a GIF file using previously recorded video

> Create GIF. At the desired starting point while watching the video, tap the Menu icon 🔹

- The GIF file 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.

WARNING! and criminal liability. Be sure to not duplicate or transfer work of others without copyright or defamation laws by using GIF making feature, you may be liable for civil GIF making feature is provided for the user's creative activity. If you infringe other's permission. LG Electronics cannot accept any liability for user's action.

Related files

You can relate files by photos and videos taken with the same location or

- Select the saved photos and videos and tap the **Related** icon $\mathscr C$
- 2. Select a desired folder, then tap **Video folder** icon 💫 to create a video

Deleting files

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

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

Sharing files

You can share a file using one of the following options:

- On the photo or video screen, tap the Share icon to share the file using the method you select.
- While viewing a video, tap the **Menu** icon : using the method you select. > Share to share the file
- Tap the Share icon 🔧 from the Albums screen to select one or more files and share using the method you select

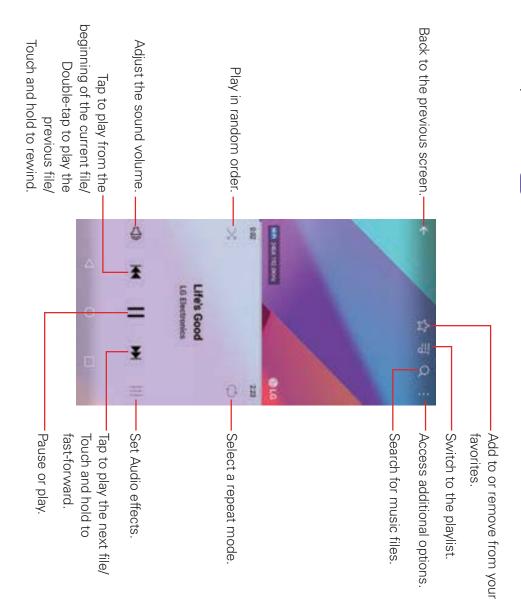
Assign Pictures

background image (wallpaper) for your Home screen or Lock screen. After taking a picture, assign it as a picture ID for a Contacts entry or as the

- 1. Tap the **Home button** > **Gallery**
- Tap an album and tap an image to view it.
- ω With the picture displayed, tap the screen > the Menu icon : image as > Set
- 4. Select an option.
- Home screen wallpaper assigns the picture as the background image Crop the image, tap OK, then tap SET to assign the picture
- Contact photo assigns the picture to a Contact entry as a picture ID. picture. Tap an entry from Contacts, crop the image, then tap **OK** to assign the
- Lock screen wallpaper assigns the picture as the background image the picture for your Lock screen. Crop the image, tap **OK**, then tap **SET** to assign
- Wallpaper assigns the picture as the phone's background image. Tap SET WALLPAPER to assign the picture

Music

necessary > Music To access the Music player, tap the **Home button** \bigcirc > swipe left, if Your phone has a music player that lets you play all of your favorite tracks.



Playing a song

- Tap the **Home button** > swipe left, if necessary > **Music** ■
- 2. Select a category.
- Tap the song you want to play.

hold the letter the song begins with using the alphabet listed along the right side of the screen. To find a song, you can tap the **Search** icon \mathbb{Q} at the top of the screen or touch and

NOTES

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

Other Music player options

- which can include: Delete, Set as ringtone, and Details Touch and hold any song in the Music library to access its context menu
- Tap the **Menu** icon : in the Music library to access its options menu which can include: **Cloud, Select to play, Add to playlist, Share,** Settings, and Help

Turning the Music player off

Close icon X in the upper-right corner of the Music notification. To stop the Music player, swipe the Status Bar downward, then tap the

To use a song as a ringtone

that come with the phone You can use a song as your phone ringtone, in place of one of the ringtones

Touch and hold a song in the Music library list. In the context menu that opens, tap Set as ringtone, then tap Phone ringtone or Caller ringtones

Z C

If you choose Caller ringtones, tap the contact entry to set it.

Working with Playlists

which you can play in the order you set or in a shuffle. You can create playlists to organize your music files into sets of songs

To create a playlist

- From the Music library, tap the Music Menu icon 🚞, then tap Playlists
- 2. Tap the **New** icon
- 3. Enter a name for the playlist and tap SAVE
- 4. Select the songs you want to add to a playlist, then tap ADD. The new playlist is added to your Playlists.

To add a song to a playlist

- From the Music library, tap the Menu icon :, then tap Add to playlist.
- 2. Select the song(s) you want to add, tap ADD, then tap the name of the playlist you want to add it to.

To remove a song from a playlist

- Open your Playlists using the Music Menu icon = the playlist you want.
- 2. Tap the **Menu** icon : > **Remove from playlist**.
- ω Select the songs you want to remove from the playlist and tap **REMOVE**

To delete a playlist

- Open your Playlists using the Music Menu icon
- Touch and hold the playlist, then tap Delete in the context menu that appears
- 3. Tap **DELETE** to confirm.

To rename a playlist

- Open your Playlists using the Music Menu icon
- Touch and hold the playlist, then tap Rename in the context menu that
- 3. Enter a name, then tap **SAVE**

HD Audio Recorder

voice over background audio (such as music or a speech). record sound effects that you can attach to a message, or even record your remind you about something you don't want to forget (like a grocery list), The HD Audio Recorder app records audible files. Use them to simply

settings so that you can record audio optimized for the selected mode You can preset recording options or manually configure specific audio

Tap the **Home button** O > swipe left, if necessary > tap the **Essentials** folder 🕌 > HD Audio Recorder 🌉

Recording modes

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

▼ Tap the Home button ○ > tap the Essentials folder <a>h < Recorder > Menu icon

Normal

You can record audio without extra settings

Concert

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

Custom

You can configure the desired settings to record audio

NOTE the Select mic icon ψ_{\clubsuit} and then select the microphone to use

Studio mode

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

Tap the **Home button** O > swipe left, if necessary > tap the **Essentials** folder 🕌 > HD Audio Recorder 🌉

- Select the Menu icon == > Custom
- ω Tap the **Studio mode** icon d_+ and select an audio file to use as background music.
- 4. Tap the **Record** icon to record voice
- 5. Tap the **Done** icon **•** to save the recorded file.

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

Other useful features for use of the HD Audio Recorder app

GAIN

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

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

LCF

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

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

LMT

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

NOTES

- With one of the three recording modes selected, tap the Menu icon 🔹 > Settings, then customize the file type, bit depth, sampling rate and other settings
- You can monitor sound quality with the connected earpiece while recording an audio. While recording an audio in Studio mode, the sound monitoring is not supported. You can hear only the background music.

Calculator

Using your calculator

- 1. Tap the **Home button** O > swipe left, if necessary > tap the **Essentials** folder 🕍 > Calculator 📰 .
- 2. Tap the number buttons and the function buttons (+, -) or calculation information is entered. necessary. The result automatically appears as soon as enough
- Drag the green sidebar (on the right side of the screen) to the left to access and enter scientific calculator functions
- To clear input, tap the DEL button. To clear the display, touch and hold the **DEL** button.

Turn the device to landscape orientation to expand the calculator to keep the scientific functions displayed on the screen.

Calendar

Viewing Your Calendar and Events

access your Tasks list. year, or agenda. Tap the **Calendar Menu** icon [oxedit] to switch calendar views or created or that you've been invited to), organized by day, week, month, The Calendar app allows you to track your schedule of events (that you

your Google Account on the web Google Account or you created a new account. The first time you open the When you first set up your phone, you configured it to use an existing Calendar app on your phone, it displays any existing calendar events from

Adding an event to your calendar

- Tap the **Home Button** O > swipe left, if necessary $> \text{tap Calendar} \left(\frac{30}{30} \right)$
- 2. Tap the **Calendar menu** icon |≡| to change the calendar view (Day, Week, Month, Year, or Agenda), if necessary.
- ω Tap the date (or the time in the day calendar view) you want to add an event to and tap the **New event** icon •
- Enter the event name.
- 9 the time you wish your event to start and finish Tap the **Location** field and enter the location. Check the date and enter
- 6. Enable the All day switch, if applicable.
- .7 necessary. until, Description, Time zone, Guests, Show me as, and Privacy, as Tap More to enter additional options such as Reminders, Repeat, Repeat
- Tap SAVE to save the event in the calendar.

Added information icons

icons you can use to embellish your events with identifying images. Simply and automatically updating corresponding event fields. In addition, there are extracting information (such as dates, addresses, etc.) from other sources field) to apply it to the event. tap one of the following icons (displayed below and next to the Location There are several Calendar icons designed to help streamline event entry by

- Allows you to insert a photo.
- Allows you to insert a saved memo.
- Enters information from a selected Facebook event to update event
- Enters information from a selected location to update event fields
- Allows you to insert saved task that have no deadline
- Allows you to insert a saved Pocket file.

Using Event pocket

events from your Facebook account. add events using images, text, memos, tasks, location, and also invites and Use the Event pocket feature to easily add events to your Calendar. You can

- Open the Calendar app, then tap the Event pocket icon w to split the screen (Calendar on the left and Pocket on the right).
- the date you want it added to in your Calendar. Tap a pocket type to view the items saved in it, then drag an item on to
- Displays events from your Facebook account.
- O Displays location markers from the Maps app.
- Displays your saved tasks that have no deadline
- ▶ □ Display memos and images
- ω The event is automatically saved. You can edit the event to add additional details.

While viewing items in the Pocket folder, tap the ${f Add}$ icon + to add an image or a memo, then complete as necessary.

QSlide for the Calendar app

time. easily check dates, obligations, etc. while using other apps at the same You can view your month calendar in a QSlide window allowing you to

- Open the Calendar app.
- Tap the **Menu** icon :, then tap **QSlide** to display the month Calendar in QSlide window.
- Swipe left and right to scroll through the months.
- Tap a date to view the events for that day in your day calendar.

Clock

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

Setting an alarm

- Tap the **Home button** > swipe left, if necessary > tap **Clock** > the Alarm tab > the Add icon ...
- Set the desired alarm time. Tap the hour (or minutes), then tap the time using a keypad instead of the clock graphic. Tap AM or PM as necessary. you want on the clock graphic. Tap the **Keypad** icon 🖭 to set the time
- ω Set Repeat, Alarm sound, Alarm volume, Alarm with vibration, Snooze duration, Alarm note, and Puzzle lock.
- 4. Tap SAVE

To access (and change) the alarm settings from the alarm list screen, tap the **Menu** icon • then tap **Settings**.

Activating your alarm(s)

- Open the **Clock** app and tap the **Alarm** tab (if necessary).
- Turn on the switch on the right side of the alarm you want to activate

Tap an alarm time to modify the alarm. Tapping SAVE will automatically activate the

Setting the World Clock

current times in other time zones with a quick glance. The World clock tab allows you to set up a list of cities to easily check

- 1. Open the Clock app, then select the World clock tab
- Tap the New City icon 💿, search through the available cities, then tap the one you want.

A network connection is necessary to search for cities.

Timer

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

- Open the Clock app, then select the Timer tab
- Set the desired time on the timer.
- 3. Tap the **Start** button to start the timer.
- ▶ Tap the Pause button to pause the timer.
- Tap the Stop button to stop the timer.

Stopwatch

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

- 1. Open the Clock app, then select the Stopwatch tab
- 2. Tap the Start button to initiate the stopwatch.
- ▶ Tap the **Lap** button to record lap times.
- 3. Tap Pause to suspend the stopwatch.
- ▶ To resume the stopwatch, tap Resume
- To clear all the records and restart the stopwatch, tap Reset.

Downloads

You can view, delete or share files downloaded via the Internet or apps

Tap the **Home button** O > swipe left, if necessary > tap the **Essentials** folder 🕍 > tap Downloads 📵

File Manager

within each folder), or enter search text by tapping the **Search** icon **Q**. manually browse by tapping any folder icon (and subsequent folder icons internal storage file folders are displayed. To access the file(s) you want, stored in your phone. When you open File Manager, all of your phone's Use the File Manager app to easily view and manage your folders and files

To open the File Manager a.pp

folder 🕌 > File Manager 💹 Tap the Home button O > s wipe left, if necessary > tap the Essentials

Using File Manager

- |≡|: Allows you to choose which folders to display. Choose from Internal storage, SD card, and Cloud.
- Q : Allows you to search for files you want by entering text.
- i : Allows you to select folders or files to delete
- : Allows you to access New folder, Move, Copy, Share, Compress, ΩSlide. View as, Sort by, Show/Hide hidden files, SD card settings, and

Searching in File Manager

search for your files or information. Open the File Manager app, select where you want to search (Internal SD card, or Cloud) if necessary, then tap the Search icon Q to

LG Health

LG Health overview

exercise to monitor your health and fitness information. You can set the goal of daily exercise and check the amount of physical

VOTES

- Health related information provided by LG Health is designed for user convenience and cannot be used for purposes of disease prevention, treatment, diagnosis or other medical issues.
- LG Health may vary or may not be available, depending on the country and the be added to LG Health may vary, depending on the country. This is due to differing mobile service provider. LG Health functions that are available and apps that can laws and regulations.

Getting started with LG Health

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

- 1. Tap the **Home button** O > swipe left, if necessary > tap the **Essentials** folder 🕌 > LG Health.
- Follow the on-screen instructions to complete the setup

Using LG Health

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

- 1. Tap the **Home button** \bigcirc > swipe left, if necessary > tap the **Essentials** folder 🕌 > LG Health.
- 2. The following options are available:



- ▶ <u>=</u> : View your exercise logs on the day you want to check.
- **2** : Record the route and amount of your physical exercise for each type of exercising performed.
- : Set calories, step count and other daily exercise goals and customize LG Health settings.

QuickMemo+

notepad apps, supports image management and screenshots variety of options. This advanced notepad feature, unlike other conventional QuickMemo+ provides you with the ability to make creative notes using a

Creating a note

- Essentials
- Tap the Add icon 🛨 to create a note, then use the tools and options as needed.
- ➤ < : Tap to save the note you created.</p>
- ▶ ► : Tap to undo the most recent action
- ightharpoonup : Tap to redo the most recently deleted action.
- ▶ 1: Tap to insert text into your memo.
- color, and transparency. ${\mathscr N}$: Tap to draw on your memo. Tap again to select the pen type, size,
- ♦ : Tap to erase pen marks you've made on the memo.
- erase, rotate, expand, shrink, etc.). igoplus : Tap to select a section of your handwritten memo to modify (e.g.,
- : Tap to access additional options.
- 3. Tap the **Done** icon \checkmark to save the note.

Writing notes on a photo

- Tap the Home button O > swipe left, if necessary > tap the Essentials folder > QuickMemo+ .
- 2. Tap the Camera icon [O] to use the Camera function. Tap the Capture icon o take the photo you want, then tap **OK**.
- ▶ The photo is automatically inserted in your note.
- 3. Write notes on the photo.
- lacktriangle Tap the **Pen** icon \nearrow to write notes by hand on the photo.
- lacktriangle Tap the **Type** icon \prod to enter text below the photo
- 4. Tap the **Done** icon \checkmark to save the note.

Writing notes on a screenshot

- 1. While viewing the screen you want to capture, drag the Status Bar downward and then tap the Capture+ icon [2] in the Quick settings.
- The screenshot appears as the notepad background theme. Memo tools appear at the top of the screen.
- Select the size and take notes as desired
- Write notes by hand on the photo.
- 3. Tap the **Done** icon \checkmark and save the note 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.

If you add text to the note, it will automatically be changed to a QuickMemo+ file

Managing folders

memo files. You can view your notes grouped together by type and easily manage your

- 2. Tap the QuickMemo+ Menu icon = and select a menu item:
- ▶ All memos: View all notes saved in QuickMemo+
- My memos: View notes created using QuickMemo+.
- Capture+: View notes created using the Capture+ option from the Status Bar.
- ▶ Photo memos: View notes created using [6].
- ▶ Trash: View deleted notes
- New category: Adds a new category. Enter a name and select an associated graphic.
- र्छे: Manages (add, delete, rename, and rearrange) your folder 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

QSlide

transparent. QSlide windows can be opened directly from the apps that easy multi-tasking. The overlay window can be moved, resized, or made support the QSlide function. The QSlide function enables an overlay window on your phone's display for

To open a QSlide window

- ▶ While using an app that supports QSlide, tap the Menu icon :, then tap QSlide.
- You can add the QSlide icon to the Home touch buttons bar to allow you to easily use QSlide.
- Tap the **Home button** > swipe left, if necessary > tap **Settings** ❖ > Display > Home touch buttons > Button combination.
- 2 Drag the **QSlide** icon **St** on the bar to add it to the Home touch buttons.

Using QSlide

displayed continuously on the screen until you close it. foreground, allowing you to access other apps in the background. It's The QSlide function opens the associated app in a window in the



4	<u></u>	2	0
	×		ר ח ר ח
Drag to adjust the size of the QSlide window.	Tap to exit the QSlide function.	Slide to adjust the transparency.	Tap to return to full window view.

NOTE

and File Manager. supports the following apps: Video, Phone, Contacts, Messaging, Calendar, Email, The QSlide function can support up to two windows at the same time. QSlide only

Google Apps

when you use a Google app for the first time (if you didn't register your device first. The Google Account registration window appears automatically refer to the Help text in the app. account when you initially set up your device). If you do not have a Google Account, create one from your device. For details on how to use an app, To use Google apps, a Google Account needs to be registered in your

Drive

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

Maps

geographical, traffic, or transit information. Get directions to destinations Find your location or the location of a specific place on a map. View

Photos

photos. View or share photos or albums saved on your device. Edit or enhance your

Duo

with an individual or a group. Exchange real-time messages with the people in your life. Make a video call

Chrome

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

Gmail

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

Play Movies and TV

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

You Tube

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

Play Music

music files saved on your device Use your Google Account to purchase music files from Play Store. Play

Android Pay

Add credit or debit cards and use Android Pay to make payments.

Google Assistant

things. It's your own personal Google. Touch press and hold the Home your voice command. button O and you will see "Hi, how can I help?", after which you can say Your device has the Google Assistant built in. Ask it questions. Tell it to do

NOTE

The Google Assistant is not available in all languages



Settings

more. setting how its screens look, how it notifies you, how it reacts, and a lot The Settings app allows you to customize and personalize your phone by

NOTE Settings that are specific to an app are accessed through its own Settings menu within the app. For example, the Chrome app has settings specific to your Internet access.

To open the Settings app

▶ Tap the Home button ○ > swipe left, if necessary > Settings 🔯



Viewing settings

Tab view (or List view). Tap the **Menu** icon 🚦 at the upper-right corner of the Settings app, then tap

- ▶ List view Scroll up and down through the list.
- Tab view Swipe left and right or tap the tab you want

The instructions to perform tasks in this guide are based on the default List view setting.

WIRELESS NETWORKS

device's wireless radio communications The Wireless Networks category allows you to configure and manage your



connections Tap its switch to toggle it On or Off. On disables all wireless



following settings to manage your Wi-Fi connection(s). (from your list of available, detected networks). Tap Wi-Fi to access the Tap its switch to toggle it On or Off. On connects to a Wi-Fi network

WI-FI NETWORKS

Displays all of the Wi-Fi networks that are within access range

Tap one to connect to it. Touch and hold one to open its context menu.

SEARCH Searches for nearby Wi-Fi networks

Menu icon : Accesses the Wi-Fi options menu.

(SSID), security, and password. Add Wi-Fi Allows you to manually add a Wi-Fi network by entering its name

Saved Wi-Fi Displays your saved Wi-Fi networks allowing you to manage

Advanced Wi-Fi Provides additional specific Wi-Fi connection settings

NOTIFICATIONS

available nearby. Wi-Fi notification Enable this option to be notified if Wi-Fi networks are

network is available when you launch an app. Show Wi-Fi pop-up Enable this option to be notified when a Wi-F

USEFUL SETTINGS

it, or modify it. networks will be detected. Tap a network to connect to it, view it, forget Manage networks Allows you to specify the order in which your Wi-Fi

the screen is off. Keep Wi-Fi on during sleep Allows you to set the Wi-Fi status when

an Internet connection. (Data usage may apply.) network whenever the Wi-Fi network you're connected to doesn't have Avoid bad Wi-Fi connections Enable this option to use the mobile

CONNECTION

access point. Wi-Fi Direct Allows you to connect with Wi-Fi devices without any

Wi-Fi network with a WPS button. Connect by WPS button Provides information to connect to a secured

Wi-Fi network Connect by WPS PIN Provides the WPS PIN to connect to a secured

PERSONAL

Install certificates Allows you to install certificates from storage

INFORMATION

MAC address Displays your phone's MAC address (which may need to be entered in the router to connect to some wireless networks with MAC filters).

IP address Displays your phone's IP address.

Help Displays information about Wi-Fi networks



Bluetooth

connect with other Bluetooth devices. Tap Bluetooth (with Bluetooth on) to use and manage your Bluetooth devices Tap its switch to toggle it On or Off. On allows you to pair and

G6 Displays your phone's name and visibility status

AVAILABLE DEVICES

one to pair and connect. Displays all of the Bluetooth devices that are within your phone's range. Tap

SEARCH Searches for nearby Bluetooth devices.

Menu icon : Accesses the Bluetooth options menu.

identification when pairing and connecting. Edit phone name Allows you to change your phone name for easy

Received files Displays a list of the files received via a Bluetooth device.

Help Displays information about Bluetooth features.



as a mobile hotspot for other devices to use your mobile network connection. Tap Mobile Hotspot to manage its settings Tap its switch each to toggle it On or Off. On allows you to use your device

information for your mobile hotspot. Set up Mobile Hotspot Allows you to enter the SSID and security

use your device as a hotspot. Manage connections Allows you to control which devices are allowed to

mobile network using NFC. Use NFC for Mobile Hotspot Enable this option to allow connection to the

Timeout Allows you to set when to turn off your hotspot

using your mobile network. network. If Wi-Fi Sharing is disabled, the other device will be connected Hotspot is on, a mobile hotspot for the other device is connected via Wi-Fi Wi-Fi Sharing When the device is connected via Wi-Fi network and Mobile

CONNECTED DEVICES

Displays all connected devices.

NOTE Tap the Menu icon : to access mobile hotspot tips and help

Data usage

Wi-Fi network connection for data instead). from the mobile network to stop using mobile data and exclusively use a Mobile data Enable this option to allow connection to the mobile network. This switch allows you to manage your mobile data usage (e.g., disconnect

your mobile data network connection will be disabled. data that can be used during your cycle date. When that amount is reached Limit mobile data usage Enable this option so you can set the amount of

data usage that will trigger an alert. Alert me about data usage Enable this option so you can set the amount of

change it. Cycle date The date displayed is your current data usage cycle. Tap it to

Graph Displays a visual of your data usage. Limit lines are displayed if the

data usage switches are enabled

Apps list All of the apps that use data are listed.

Menu icon : Accesses the Data usage options menu.

Display in MB/GB Changes the data usage units.

have unrestricted data access when Data saver is enabled. restricts the data that runs in the background. You can set individual apps to Data Saver Allows you to enable the Use Data saver option which

to the Mobile tab) to view your Wi-Fi data usage. Show Wi-Fi usage Checkmark this option to display a Wi-Fi tab (in addition

apps that run in the background and be notified when downloading large Metered Wi-Fi networks Allows you to select Wi-Fi networks to restrict

network type and strength, APNs, and roaming state including enabling mobile data, data roaming access, system select, Mobile networks Allows you to set specific mobile network settings

Advanced Calling

Visit verizonwireless.com/AdvancedCalling to learn how you talk on the phone, when you add Advanced Calling to your line. You can make High-Definition Voice and Video Calls, and surf the web while

Share & connect

DATA SHARE

and similar devices. NFC will be turned off automatically when airplane mode is activated. Tap NFC to manage its settings Communication) establishes radio communication between smartphones within 20 mm of each other) at the NFC touch point. NFC (Near Field bringing your phone and another data-compatible device together (typically NFC Enable this option to allow you to send or receive files simply by

NFC SECURITY ALERTS

alert when another device tries to send you information via NFC Show NFC security alerts Enable this option to display a permission

ALERTS TO SHOW

when receiving a contact or URL via NFC Read/Peer to Peer Enable this option to display a confirmation alert

when pairing devices via NFC. Connection handover Enable this option to display a confirmation alert

SHARING OF WI-FI INFO

devices for easy sign-in. Allow sharing of Wi-Fi info Lets you send Wi-Fi credentials to other

NFC SOUND

while you're on a call. NFC sound in call Enable this option to play the NFC alert sound even

to view information on how to use it. to other mobile devices by holding them close together. Tap Android Beam Android Beam Enable this option to allow you to beam app content or files

other LG devices or tablets File sharing Allows you to send and receive files between your device and

setting up your devices for beaming. G6 Allows you to change your phone's name for easy identification when

Save to Allows you to set where to save your shared files

and allow sent files. File sharing Enable this option to make your device visible to BLE devices

content via SmartShare Beam from another LG phone or tablet SmartShare Beam Enable this option to allow you to receive multimedia

Help Displays information regarding how to use file sharing

nearby DLNA-compatible devices. Media server Allows you to share the phone's multimedia content with

content. Content sharing Enable this option to allow nearby devices to access your

YOUR PHONE

G6 Allows you to change your phone's name to easily identify it

between your devices Content to share Allows you to set the type of content you want to share

NEARBY DEVICES

Allowed devices Displays the nearby devices that can access your phone.

access to your phone Not-allowed devices Displays the nearby devices that will be denied

SCREEN SHARE

compatible TV. Screen sharing Allows you to project your phone's content on a

Tap the switch at the top of the Screen sharing screen to toggle it On or

G6 Allows you to change your phone's name to easily identify it

AVAILABLE DEVICES

Displays all of the devices that can project your content via Miracast.

SEARCH Refreshes the available devices list.

HELP Displays information regarding how to use Miracast

com/apps MirrorLink Allows you to share apps between your device and the vehicle To obtain more information about apps, please visit http://www.mirrorlink.

For your driving safety, access to some features will be restricted during a MirrorLink session.

setting is gray until the device and vehicle are connected with a USB Use MirrorLink Enable this option to use Mirrorlink with a vehicle. This Type-C cable

APPS

vehicle. Displays the list of apps that can be shared between your device and the

CONNECTION

Printing Allows you to set up wireless printer(s).

PRINT SERVICES

Displays the list of your available print apps

well as search, add printers, and manage your printing options Cloud Print Allows you to use Goggle Drive to save your print files as

additional printing apps. Menu icon : Accesses the Printing options menu so you can add

More

TETHERING

option is gray when not connected via USB **USB tethering** Enable this option to allow you to connect via USB. This

connection with other Bluetooth devices. Bluetooth tethering Enable this option to share the phone's Internet

phone's Internet connection. Help Displays help information regarding connecting other devices to your

NETWORK

Mobile networks Allows you to set various mobile network settings.

Mobile data Enable this option to allow data access over the mobile network.

Data roaming access Allows you to set when to allow data roaming

network submodes and operators System select Allows you to set your network mode, as well as

signal strength. Network type and strength Displays the current network type and the

Access Point Names Allows you to set up APNs for data service

Roaming state Displays your current roaming state.

VPN or LG VPN. VPN Allows you to set up VPNs (Virtual Private Networks). Choose Basic

Tap the Menu icon: from the LG VPN screen to access Settings, Import certificates, and About.

your emergency alerts settings Emergency alerts Allows you to view emergency alerts and customize

DEVICE

device functions such as sound and display options. The Device category allows you to configure and manage the general



Sound

GENERAL

vibrates, or is silent. Sound profile Allows you to set whether your device emits sound, just

SOUND

notifications, touch feedback, and other media. Volume Allows you to set individual volume levels for ringtone

delete ringtones Ringtone Allows you to set the ringtone for calls. You can also add and

composed ringtone. Tap Ringtone ID to set which calls Ringtone ID Enable this option to allow you to set calls to play a specially

VIBRATION

notifications, and touch feedback. Vibration strength Allows you to set the vibration strength for calls

Sound with vibration Enable this option to emit sound as well as vibration.

Vibration type Allows you to set the vibration pattern

ADVANCED SETTINGS

notifications. You can also add and delete notification sounds. Notification sound Allows you to set the sound heard for new

Home touch buttons or app icons Vibrate on tap Enable this option to feel a vibration when you tap the

an event. Enable Dialing keypad sound, Keyboard sound, Touch sound behavior. Screen lock sound, Sound when roaming, and set the emergency tone Sound effects Allows you to set when a sound is emitted to notify you of

Notifications

GENERAL

parameters that will override the Priority only setting. when to prevent interruptions from notifications. You can set specific Do not disturb Enable this option to allow you to set up and schedule

allowing peeking, and more them from displaying notifications, setting priority, hiding sensitive content, Apps Allows you to set notifications for individual apps including preventing

on your Lock screen. Lock screen Allows you to set the level of privacy for notifications displayed



FONT

Font type Allows you to set the type used for the phone software.

software. Font size Allows you to set the size of the type used for the phone

Bold text Enable this option to bold the text on the screen.

APPEARANCE

App scaling: Adjust the screen size of downloaded apps

screens without dynamic zoom capability. Display size Allows you to set the size for the items and text viewed on

strain. Once enabled, set the level to your preference Comfort view Enable this option to set a blue light filter to reduce eye

BASIC

enable the automatic setting. Brightness Allows you to set the brightness for the screen or you can

as the date, time and notifications, even when the screen is turned off. Always-on display Enable this option to always display information, such

automatically based on its orientation. Auto-rotate screen Enable this option to allow the screen to rotate

times out due to inactivity to your conserve power. Screen timeout Allows you to set the amount of time before the screen

bottom of all screens, including color and placement. Home touch buttons Allows you to set the buttons displayed at the

ADVANCED SETTINGS

screen twice. KnockON Enable this option to turn the screen on or off by tapping the

saver type to display. is connected to a holder or charger. Tap Screen saver to select a screen Screen saver Enable this option to display a screen saver when the device



Home screen

GENERAL

apps separately which allows you to selectively set app shortcuts on your screen, a simplified Home screen layout, or a layout that stores all installed choose the standard Android layout that displays all apps on the Home Home screen Select Home Allows you to set the layout for the Home screen. You can

STYLE

Select it from Gallery, Wallpaper gallery, Live wallpapers, and Photos Wallpaper Allows you to set your Home screen background (wallpaper).

change screens Screen swipe effect Allows you to set the effect when you swipe to

Theme Allows you to select a screen theme for your device

screen. Icon shape Allows you to choose the desired icon shapes on the Home

LAYOUT

(either alphabetically or by download date). Sort apps by Allows you to set how to sort the apps on your Home screen

Hide apps Allows you to selectively hide apps from the Home screen

swiping across the Home screen. Continuous loop Loops back to the first screen after the last screen when

panel. panel. Tap Smart Bulletin to enable the apps you want displayed on the Smart Bulletin Enable this option to display an additional Home screen

TIPS

Help Displays information regarding the Home screen items and functions



Lock screen

SCREEN SECURITY

unintentional and/or unauthorized use Select screen lock Allows you to set how to secure your phone from

on-body detection that will allow your phone to remain unlocked Smart Lock Allows you to set trusted devices, places, faces, voices, and/or

CUSTOMIZE

Wallpaper Allows you to set the background for your Lock screen.

Clock Allows you to set where to position the clock on the Lock screen.

This setting appears only when the lock type is selected Shortcuts Allows you to choose which apps to run on your Lock screen

when the screen is unlocked. Screen swipe effect Allows you to set the screen transition effect to apply

the current location on the Lock screen. Weather animation Enable this option to display weather animations for

Contact info for lost phone Allows you to set text to be displayed on the Lock screen to identify the phone's owner.

LOCKTIME

automatically locks after the backlight turns off (timesout due to inactivity). Lock timer Allows you to set the amount of time before the screen

when the Power/Lock button is pressed. This setting overrides the Security Power key instantly locks Enable this option to instantly lock the screen Lock timer setting.

Application manager

from running. view more information, tap **Stop** (or **Force stop**), then **OK** to stop the app Allows you to view and manage the apps on your device. Tap an entry to



Storage

DEVICE STORAGE

Internal storage to see your apps and the amount of space they use phone's memory in text and as a bar graph (unused space is gray). Tap Displays the total amount of space used and the available space in your

PORTABLE STORAGE

your memory card. Tap **SD card** to view the data stored on it. SD card Displays the amount of space used and the total available space in



Allows you to eject (unmount) your microSD card

settings > Format. To format the memory card, tap **SD card** > the **Menu** icon : > Storage



Battery

BATTERY INFORMATION

The current percentage of remaining charge and charging is displayed

app usage details Battery usage Displays battery usage information including a graph and

level as a percentage on the Status Bar next to the battery icon. Battery percentage on Status Bar Enable this option to display the battery

BATTERY SAVER

adjust its settings when your battery level drops to the level you set. Tap Battery saver to Battery saver Enable this option to automatically turn Battery saver on

to conserve battery power. Game battery saver Enable this option to adjust the video quality in games

Smart cleaning

selectively clean up your files Displays the space in use and free space in your phone and allows you to

Tap & pay

which allow you to pay for items just by touching your phone to a reader at a for other payment apps. NFC must be enabled to activate this menu register. If your phone doesn't have a default app, you can browse Play Store Tap & pay Accesses the tap & pay app(s) you've downloaded to your phone

PERSONAL

personal information. The Personal category allows you to configure, manage, and secure your

Cocation

sharing your location when you search for information and use locationbased apps, such as Maps Tap the switch at the top of its screen to toggle it On or Off. On enables

Bluetooth scanning even when those features are set to off Tap the **Menu** icon 🚼 > **Scanning** to enable Wi-Fi scanning and/or

gray if the Location switch is off. **Mode** Allows you to set how your location is established. This setting is

RECENT LOCATION REQUEST

to view details. Displays all of the apps that have requested access to your location. Tap one

LOCATION SERVICES

performance while conserving battery. Low power location estimation Enable this option to improve location

When enabled, Google periodically stores and uses your phone's most recent location data in connection with your Google Account Google Location History Allows you to enable or disable Location History.

manage your location data. From the Location History screen, tap the **Menu** icon to view and/or



Fingerprints & security

GENERAL

your device your phone's screen, allow access to content, and/or allow you to pay using Fingerprints Allows you to set up fingerprint impressions that will unlock

If your phone doesn't have a default payment app, go to Play Store and search for available payment apps

QuickMemo+ and Gallery files Content lock Allows you to set a lock type (password or pattern) for your

ENCRYPTION

card data. Encrypted data is not accessible on other devices Encrypt SD card Allows you to encrypt or decrypt an external microSD

messages, alarms, notifications, and more. PIN. Until the screen is unlocked, you cannot receive most phone calls, text the current unlock method, such as a Knock Code, pattern, password, or you turn on the device to help keep it secure. Unlock the screen by entering Secure start-up Enable this option to immediately lock the screen when

- NOTES If the password is entered incorrectly more than a specific number of times, the device will automatically factory reset. Be sure to remember the password
- If you forget your decryption password, you must factory reset the device to use it again. Resetting will delete all of the user data saved before the reset.

SIM CARD LOCK

set, you can change it from here Set up SIM card lock Allows you to lock your SIM card with a PIN. After it's

PASSWORDS

of the password as you type it so you can see what you've entered Password typing visible Enable this option to briefly show each character

PHONE ADMINISTRATION

administrators Phone administrators Allows you to view and selectively disable phone

apps Unknown sources Enable this option to allow installation of non-Play Store

CREDENTIAL STORAGE

Credential protection Displays the current storage type

Certificate management Allows you to manage your secure certificates

CA certificates Trusted credentials Shows system root CA certificates and user added

certificates User credentials Allows you to view and modify stored secure

storage Install from storage Allows you to install a secure certificate from

and related credentials Clear credentials Allows you to delete user added secure certificates

ADVANCED

Trust agents Allows you to view and selectively disable Trust agents

option to be able to designate only a single app that can be used until you unpin it. This is helpful when allowing children to use your phone Screen pin Allows you to selectively pin an app to your screen. Enable this

phone's app usage. Usage access Allows you to enable or disable the apps that can view your

preferences, and Reset default apps Menu icon : accesses Memory, Show system, Reset app



Accounts

added on your phone Auto-sync data Enable this option to automatically sync all accounts you've

ACCOUNTS

change details, access, sync settings, etc.) it. Displays all of your added accounts. Tap one to view and/or manage (e.g.,

ADD ACCOUNT Allows you to add accounts to your phone

Language & input

software and also add other secondary languages L**anguage** Allows you to set a main language for your phone's operating

KEYBOARD & INPUT METHODS

Default Displays the name of the current keyboard. Tap to change it.

LG Keyboard Allows you to change the settings for the LG keyboard

enter text. Select languages Allows you to set multiple keyboard languages to

change it. English Displays the keyboard type for the selected language. Tap to

GENERAL

and One-handed operation. layout options for your keyboard to make it easier for you to use These options include QWERTY layout, Extended keyboard, Keyboard height, Keyboard type in landscape, Split keyboard Keyboard height and layout Allows you to adjust various height and

selection box as you type. Tap Word suggestions for additional options that include Emoticons, Next word, Personal dictionary, Word suggestions Enable this option to show predicted words in the Update word suggestions, and Clear suggestion history.

ADVANCED

through all of its letters Path input Enable this option to enter a word by drawing a path

correction for each of your keyboard languages Auto-correction Allows you to set your level of automatic word

and hold time, Languages, and Pen size and colors Pop-up on keypress, Auto-capitalization, Auto-punctuation, Touch input. Options include Vibrate on keypress, Sound on keypress, More Allows you to set other keyboard options to enhance your text

TIPS

Help Displays information regarding text input.

Google voice typing Allows you to change the settings for voice input.

Google voice typing and set additional recognized languages L**anguages** Allows you to set the default language supported with

will start a Google voice search. You can also personalize the Google voice model "Ok Google" detection Allows you to set when saying "OK Google"

voice requests when the device locked. Hands-free Allows you to set which connected devices will allow

Speech output Allows you to set when to use speech output.

languages Offline speech recognition Allows you to manage downloaded

offensive text. Block offensive words Enable this setting to hide recognized

connected Bluetooth headset. Bluetooth headset Enable this setting to record audio through a

SPEECH

and view the default language status engine, speech rate, and pitch change. You can listen to an example Text-to-speech output Allows you to set the preferred speech

MOUSE/TRACKPAD

Pointer speed Allows you to set the pointer speed on a slide bar.

use the primary button on the right. Reverse buttons Enable this option to reverse the mouse buttons to

🔜 Backup & reset

LG MOBILE SWITCH & BACKUP

SD card. new device. You can transfer data using a USB cable, wireless network, and LG Mobile Switch Allows you to copy data from a previous device to a

card. You can also restore your data from a previous backup Backup & restore Allows you to back up your data to internal storage or SD

GOOGLE BACKUP

Google servers Back up my data Enable this option to automatically backup your data to

also add new accounts Backup account Allows you to identify which account(s) to backup. You can

to its previous state when you reinstall an app. Automatic restore Enable this option to automatically restore your device

RESET

Network settings reset Allows you to reset all of the network settings

the phone. the warning, then tap RESET PHONE. Tap Delete all to confirm and reset Factory data reset Allows you to erase all of the data on the phone.

Reset settings Allows you to restore the default system settings



Allows you to manage your Google apps and account settings

SYSTEM

settings. The System category allows you to view and manage various system



Shortcut keys

and the phone is locked or in timeout: shortcuts activated by the **Volume** buttons \parallel . When this setting is enabled Tap the switch at the top of its screen to toggle it On or Off. On enables

- Press the Volume Up button twice to open the Capture+ app
- Press the Volume Down button twice to launch the Camera app



BASIC

a date/time other than the one provided by the network. Enable the Auto-date & time option or tap Set date and/or Set time to use

zone other than the one provided by the network. Enable the Auto-time zone option or tap Select time zone to use a time

TIME FORMAT

24-hour format (e.g., 13:00 instead of 1:00 PM). Use 24-hour format Enable this option to display the time using the



Accessibility

CATEGORIES

Vision Sets options for people with impaired sight

the TalkBack settings fingers to swipe across the screen. Tap TalkBack to access and adjust screen. To select an item, tap it, then double-tap it. To scroll, use three TalkBack Enable this option to hear verbal feedback when you tap the

Message/call voice notifications to modify your notification settings for to automatically read your incoming calls and/or messages outloud. Tap Message/call voice notifications Enable this option to set your phone Calls, Messages, Read messages, and Message/call voice notifications

Font size Allows you to set the size of the screen text

Bold text Enable this option to bold the text on the screen

icons, text, etc.). Changing the size may affect item positioning on the Display size Allows you to set the size for displayed screen items (e.g.,

zoom in and out. Touch zoom Enable this option to allow you to triple-tap the screen to

inversion. Tap Window zoom to view information and adjust its settings you can zoom in or out within the window and set the window's color two fingers to drag it to other positions on the screen. When activated Window zoom Enable this option to activate a magnifying window. Use

mouse pointer. Large mouse pointer Enable this option to increase the size of the

black for a high contrast screen. High contrast screen Enable this option to change the background color

higher contrast. Screen color inversion Enable this option to invert the screen colors for

screen's hue and contrast. Tap Screen color adjustment to adjust it. Screen color adjustment Enable this option to allow you to adjust the

Grayscale Enable this option to switch the screen to grayscale mode

the Power/Lock button to end a call. End calls with the Power key Enable this option to allow you to press

Hearing Sets options for people with impaired hearing

Captions Enable this option to allow your phone to display caption text Tap Captions to access and adjust its settings

notify you of incoming calls, messages, and alarms Flash alerts Enable this option to enable the camera's flash to blink to

lower the volume from the earpiece all sounds Enable this option to silence all phone sounds and

Audio channel Allows you to set the audio type.

between the left and right channel. Sound balance Move the slider on the bar to set the sound balance

skills. **Dexterity and interaction** Sets options for people with impaired motor

DEXTERITY

which allows you to use its touch icons instead of the phone's hardware Touch assistant Enable this option to display a Touch assistant icon 🕲

actions **Touch input** Allows you to set how the device reacts to your touch

an item before the device reacts Touch and hold delay Allows you to set how long you need to touch

your tap action Ignore repeated taps Allows you to set how the device interprets

Physical keyboard Allows you to customize specified key settings

be repeated and the key repeat interval. key is held. Tap Key repeat to set the delay before the key entry will Key repeat Enable this option to set how the device reacts when a

without having to press and hold. Sticky keys Enable this option to allow you to press modifier keys

a shortcut to Sticky keys. Sticky keys shortcut Enable this option to enable the Shift button as

displayed. Slow keys Enable this option to set a delay time before input is

where the pointer stops. Tap Auto mouse click to set its delay time Auto mouse click Enable this option to automatically activate the cursor

swiping) hold the Answer or Ignore icon on the Incoming call screen (instead of Touch and hold for calls Enable this option to allow you to touch and

backlight turns off automatically. Screen timeout Allows you to set the amount of time before the

INTERACTION

a specified portion of the screen. Touch control areas Enable this option to allow you to restrict access to

GENERAL

access to selected features when you triple-tap the **Home button** O. Tap Accessibility features shortcut to set the features you want. Accessibility features shortcut Enable this option to allow quick, easy

based on the phone's orientation. Auto-rotate screen Enable this option to automatically rotate the screen

SERVICES

or Off. On allows you to enable Support & Protection to observe the apps your device uses to protect against web threats. Support & Protection Tap the switch at the top of its screen to toggle it On

tap **SETTINGS** to set it up. Switch Access Tap the switch at the top of its screen to toggle it On or Off On allows you to enable switch access to selected features. Tap **OK**, then

About phone

& Safety. Status, Battery, Hardware info, Software info, Legal info and Regulatory View information about your phone including Phone name, Network

System updates

for your phone Check for new system update Allows you to check for any available updates

history. Show system update history Allows you to view your system update

use system updates Use Software Upgrade Assistant Displays information regarding how to

LAST SYSTEM UPDATE Displays your last update information.

LG Bridge

LG Bridge overview

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

NOIES

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

LG Bridge functions

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

Installing LG Bridge on a computer

- 1. Go to www.lg.com/us from your computer.
- 2. Select your region and click **Zoom** icon **Q**
- 3. In the search bar, enter the name of your device
- Click Support > Manuals & Documents
- Click the Software & Firmware tab, then click LG BRIDGE COPY FILES, AND BACKUP YOUR DEVICE and download the setup file

Phone software update

LG Mobile phone software update from the Internet

http://www.lg.com/common/index.jsp, select your country and language. For more information about using this function, please visit

firmware version available for your device. center. This feature will only be available if and when LG makes a newer to a newer version from the Internet without needing to visit a service This feature allows you to conveniently update the firmware on your phone

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

own discretion and does not guarantee the availability of the newer version of the LG reserves the right to make firmware updates available only for selected models at its firmware for all handset models.

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

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

Check for new system update To perform the phone software update, go to **Settings > System updates >**

NOTES

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

Call (800) 243-0000 for more information. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or reproductive harm.

Wash hands after handling.

policies, consult your service provider or phone retailer. phone thoroughly and in different locations, using your hearing aid or use with hearing aids. It is important to try the different features of this wireless technologies used in this phone that have not been tested yet for the wireless technologies that it uses. However, there may be some newer hearing aid compatibility. If you have questions about return or exchange your service provider or the manufacturer of this phone for information on cochlear implant, to determine if you hear any interfering noise. Consult This phone has been tested and rated for use with hearing aids for some of

reduce interference with some hearing aid models. This mobile phone has a Hearing Aid Mode that, when activated, may

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

guidelines are consistent with the safety standard previously set by both electromagnetic energy emitted by FCC regulated transmitters. Those updated safety standard for human exposure to Radio Frequency (RF) with the FCC guidelines and these international standards U.S. and international standards bodies. The design of this phone complies United States, with its action in Report and Order FCC 96-326, adopted an In August 1996, the Federal Communications Commission (FCC) of the

Body-worn Operation

separation distance of 0.39 inches (1cm) must be maintained between the accessories that cannot maintain 0.39 inches (1cm) separation distance accessories containing metallic components may not be used. Body-worn user's body and the back of the phone. Any belt-clips, holsters, and similar the phone. To comply with FCC RF exposure requirements, a minimum the phone kept 0.39 inches (1cm) between the user's body and the back of This device was tested for typical body-worn operations with the back of

tested for typical body-worn operations may not comply with FCC exposure limits and should be avoided between the user's body and the back of the phone, and have not been

Part 15.19 statement

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

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.21 statement

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

Part 15.105 statement

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

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

- 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

your corporate Intranet, and your email while you're away from the office United States*. Now you can connect easily at high speeds to the Internet, The phone by LG operates on Verizon's 4G LTE network, based on Long Term Evolution (LTE) technology and Mobile Broadband 4G networks in the

- * Service not available everywhere. Visit website (verizonwireless.com/4G) for a complete list of available areas
- * Information subject to change.

Emissions onsumer Information About Radio Frequency

effects of wireless phones. information addresses commonly asked questions about the health emits radio frequency energy during use. The following consumer Your wireless phone, which contains a radio transmitter and receiver,

Are wireless phones safe?

stating that "there is no scientific evidence that proves that wireless phone 6332 or (888) INFO-FDA. In June 2000, the FDA entered into a cooperative website at http://www.fda.gov (under "c" in the subject index, select Cell to monitor developments in this field. You can access the joint FDA/FCC recommend conducting additional research to address gaps in knowledge. phones and adverse health outcomes. Still the scientific community does not show an association between exposure to radiofrequency (RF) from cell community at large ... believes that the weight of scientific evidence does health issues related to cell phone usage where it states, "The scientific procedures for wireless phones. The FDA issued a website publication on and the Federal Communications Commission ("FCC") set policies and continues. In the United States, the Food and Drug Administration ("FDA") ("RF") energy has been conducted worldwide for many years, and research is being conducted. The FCC issued its own website publication research and development agreement through which additional scientific Phones > Research). You can also contact the FDA toll-free at (888) 463-That research is being conducted around the world and the FDA continues Scientific research on the subject of wireless phones and radio frequency

or (888) CALL-FCC http://www.fcc.gov/cgb/ cellular.html or through the FCC at (888) 225-5322 headaches, dizziness or memory loss." This publication is available at usage can lead to cancer or a variety of other problems, including

What does "SAR" mean?

wireless phones in the United States. Before a wireless phone model is averaged over one gram of tissue. the SAR of handheld wireless phones not exceed 1.6 watts per kilogram, for SAR are conducted with the phone transmitting at its highest power certified to the FCC that it does not exceed limits established by the FCC available for sale to the public, it must be tested by the manufacturer and level in all tested frequency bands. Since 1996, the FCC has required that SAR is a measure of the rate of absorption of RF energy in the body. Tests One of these limits is expressed as a Specific Absorption Rate, or "SAR." Agency, and other agencies, established RF exposure safety guidelines for In 1996, the FCC, working with the FDA, the U.S. Environmental Protection

gov/consumers/guides/specific-absorption-rate-sar-cell-phones-what-itphone to the body while in use, and the use of hands-free devices. For depending on factors such as proximity to a cell site, the proximity of the value of a wireless phone while operating can be less than the reported means-you. You may also wish to contact the manufacturer of your phone more information about SARs, visit the FCC website at https://www.fcc SAR value. This is because the SAR value may vary from call to call, Although the SAR is determined at the highest power level, the actual SAR

Can I minimize my RF exposure?

energy in the head because the phone, which is the source of the RF convenience and comfort. These systems reduce the absorption of RF website states that "hands-free kits can be used with wireless phones for as the exposure level drops off dramatically with distance. The FDA/FCC to minimize your RF exposure. You can, of course, reduce your talk time emissions, will not be placed against the head. On the other hand, if the You can place more distance between your body and the source of the RF, If you are concerned about RF, there are several simple steps you can take

wireless phone manufacturer's instructions for the safe operation of your antenna on the outside of the vehicle. You should also read and follow your use your wireless phone while in a car, you can use a phone with an configuration should result in compliance with the safety limit." Also, if you of whether they are used against the head or against the body. Either marketed in the U.S. are required to meet safety requirements regardless then that part of the body will absorb more RF energy. Wireless phones phone is mounted against the waist or other part of the body during use,

Do wireless phones pose any special risks to children?

and RF are available online at http://www.hpa.org. uk/radiation/ (search using a cell phone causes brain tumors or other ill effects. [The UK's] wireless phones at all." For example, the Stewart Report from the United danger to users of wireless communication devices, including children." choose to restrict their children's wireless phone use ORQ, United Kingdom. Copies of the UK's annual reports on mobile phones (search "mobile"), or you can write to: NRPB, Chilton, Didcot, Oxon OX11 hazard exists. A copy of the UK's leaflet is available at http://www.dh.gov.uk precautionary; it was not based on scientific evidence that any health recommendation to limit cell phone use by children was strictly report a group of independent experts noted that no evidence exists that Kingdom ["UK"] made such a recommendation in December 2000. In this national governments have advised that children be discouraged from using The FDA/FCC website further states that "some groups sponsored by other "mobile"). Parents who wish to reduce their children's RF exposure may The FDA/FCC website states that "the scientific evidence does not show a

Where can I get further information about RF emissions?

current as of April 2005): For further information, see the following additional resources (websites

U.S. Food and Drug Administration

FDA Consumer magazine November-December 2000

Telephone: (888) INFO-FDA

Research.) http://www.fda.gov (Under "c" in the subject index, select Cell Phones >

U.S. Federal Communications Commission

445 12th Street, S.W. Washington, D.C. 20554

Telephone: (888) 225-5322

http://www.fcc.gov/oet/rfsafety

Frequency Fields from Wireless Telecommunication Devices Royal Society of Canada Expert Panels on Potential Health Risks of Radio

283 Sparks Street Ottawa, Ontario K1R 7X9 Canada

Telephone: (613) 991-6990

http://www.rsc.ca/index.php?page=Expert_Panels_RF&Lang_id=120

World Health Organization

Avenue Appia 20 1211 Geneva 27 Switzerland

http://www.who.int/mediacentre/factsheets/fs193/en/

International Commission on Non-Ionizing Radiation Protection

c/o Bundesamt fur Strahlenschutz Ingolstaedter Landstr. 1 85764

Oberschleissheim Germany

http://www.icnirp.de

American National Standards Institute

1819 L Street, N.W., 6th Floor Washington, D.C. 20036

Telephone: (202) 293-8020

http://www.ansi.org

National Council on Radiation Protection and Measurements

7910 Woodmont Avenue, Suite 800 Bethesda, MD 20814-3095

Telephone: (301) 657-2652

http://www.ncrponline.org

Radiation (COMAR) of the Institute of Electrical and Electronics Engineers Engineering in Medicine and Biology Society, Committee on Man and

http://ewh.ieee.org/soc/embs/comar/

Consumer Information on SAR

(Specific Absorption Rate)

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

wireless base station antenna, the lower the power output. power required to reach the network, in general, the closer you are to a phone is designed to operate at multiple power levels to use only the phone while operating can be well below the maximum value. Because the determined at the highest certified power level, the actual SAR level of the highest certified power level in all tested frequency bands. Although SAR is operating positions specified by the FCC with the phone transmitting at its limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard measurement known as the Specific Absorption Rate, or SAR. The SAR The exposure standard for wireless mobile phones employs a unit of

government-adopted requirement for safe exposure. The tests are and certified to the FCC that it does not exceed the limit established by the Before a phone model is available for sale to the public, it must be tested

as required by the FCC for each model. performed in positions and locations (e.g., at the ear and worn on the body)

The highest SAR values are:

- Head: 0.65 W/kg
- Body-worn/Hotspot: 1.23 W/kg

available accessories and FCC requirements). (Body-worn measurements differ among phone models, depending upon

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

http://www.ctia.org/. the Cellular Telecommunications Industry Association (CTIA) website at the FCC and can be found under the Display Grant section of http://www all reported SAR levels evaluated as in compliance with the FCC RF Additional information on Specific Absorption Rates (SAR) can be found on fcc.gov/oet/ea/fccid after searching on FCC ID ZNFVS988 emission guidelines. SAR information on this model phone is on file with The FCC has granted an Equipment Authorization for this model phone with

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 protection for the public and to account for any variations in standard incorporates a substantial margin of safety to give additional measurements

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

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

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

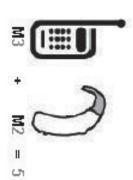
phones, to assist hearing device users to find phones that may be Phones that are rated have the rating on their box or a label located on the compatible with their hearing devices. Not all phones have been rated The wireless telephone industry has developed a rating system for wireless

to evaluate it for your personal needs. 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 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 generate less interference to hearing devices than phones that are not T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to

considered for best use A sum of 5 The hearing aid and wireless phone rating values are then added together. mean that the hearing device is relatively immune to interference noise hearing health professional may help you find this rating. Higher ratings Hearing devices may also be rated. Your hearing device manufacturer or is considered acceptable for normal use. A sum of 6 is



operation. in this context is defined as a signal quality that's acceptable for normal using their hearing aid with the particular wireless phone. "Normal usage" wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while In the above example, if a hearing aid meets the M2 level rating and the

intended to be synonymous with the UT mark. The M and T marks are American National Standards Institute (ANSI) C63.19 standard. (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC recommended by the Alliance for Telecommunications Industries Solutions Rules. The HAC rating and measurement procedure are described in the The M mark is intended to be synonymous with the U mark. The T mark is

components must be disabled during a call. maintained, secondary transmitters such as Bluetooth and WLAN To ensure that the Hearing Aid Compatibility rating for your phone

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org/

Gallaudet University, RERC

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

FCC Hearing Aid Compatibility and Volume Control

https://www.fcc.gov/general/hearing-aid-compatibility-and-volume-control

The Hearing Aid Compatibility FCC Order

http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

Hearing Loss Association of America [HLAA]

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

Caution: Avoid potential hearing loss.

potential hearing problems varies. tinnitus (a ringing in the ear), hypersensitivity to sound and distorted (including headsets, earbuds and Bluetooth® or other wireless devices). permanent noise-induced hearing loss. This includes the use of headphones telephones, at high volume settings for long durations may lead to using portable audio devices, such as portable music players and cellular cause of preventable hearing loss. Some scientific research suggests that hearing. Individual susceptibility to noise-induced hearing loss and other Prolonged exposure to loud sounds (including music) is the most common Exposure to very loud sound has also been associated in some studies with

when using any portable audio device: on the nature of the sound, the device, the device settings and the headphones. You should follow some commonsense recommendations The amount of sound produced by a portable audio device varies depending

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the what you are listening to. people speaking near you or if the person sitting next to you can hear
- Do not turn the volume up to block out noisy surroundings. If you choose cancelling headphones to block out background environmental noise to listen to your portable device in a noisy environment, use noise
- required before your hearing could be affected. Limit the amount of time you listen. As the volume increases, less time is
- concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal. Avoid using headphones after exposure to extremely loud noises, such as
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary

hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld

Exposure to Radio Frequency Signal

receiver. When ON, it receives and sends out Radio Frequency (RF) signals. Your wireless handheld portable phone is a low power radio transmitter and

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

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

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

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

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:

a higher power level than otherwise needed with the antenna affects call quality and may cause the phone to operate at Don't touch the antenna unnecessarily when the phone is in use. Contact

Electronic Devices

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

Pacemakers

Persons with pacemakers: pacemaker. These recommendations are consistent with the independent wireless phone and a pacemaker to avoid potential interference with the minimum separation of six (6) inches be maintained between a handheld research by and recommendations of Wireless Technology Research. The Health Industry Manufacturers Association recommends that a

- Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place

Hearing Aids

event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives). Some digital wireless phones may interfere with some hearing aids. In the

Other Medical Devices

information energy. Your physician may be able to assist you in obtaining this your device to determine if it is adequately shielded from external RF If you use any other personal medical device, consult the manufacturer of

Health Care Facilities

equipment that could be sensitive to external RF energy. these areas instruct you to do so. Hospitals or health care facilities may use Turn your phone OFF in health care facilities when any regulations posted in

Vehicles

electronic systems in motor vehicles. Check with the manufacturer or its manufacturer of any equipment that has been added to your vehicle representative regarding your vehicle. You should also consult the RF signals may affect improperly installed or inadequately shielded

Posted Facilities

Turn your phone OFF in any facility where posted notices so require

Aircraft

phone before boarding an aircraft. FCC regulations prohibit using your phone while in the air. Switch OFF your

Blasting Areas

and instructions "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs To avoid interfering with blasting operations, turn your phone OFF when in

Potentially Explosive Atmosphere

atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Turn your phone OFF when in any area with a potentially explosive

stations); below deck on boats; fuel or chemical transfer or storage facilities; off your vehicle engine powders); and any other area where you would normally be advised to turn where the air contains chemicals or particles (such as grain, dust, or metal vehicles using liquefied petroleum gas (such as propane or butane); areas marked clearly. Potential areas may include: fueling areas (such as gasoline Areas with a potentially explosive atmosphere are often, but not always

For Vehicles Equipped with an Air Bag

installed and the air bag inflates, serious injury could result. the air bag deployment area. If in-vehicle wireless equipment is improperly installed or portable wireless equipment, in the area over the air bag or in An air bag inflates with great force. DO NOT place objects, including either

Safety Information

of your phone and to prevent damage. Please read and observe the following information for safe and proper use

the product. Violation of the instructions may cause minor or serious damage to

- Do not disassemble or open crush, bend or deform, puncture or shred the device.
- explosion or other hazard. the battery, immerse or expose to water or other liquids, expose to fire Do not modify or re-manufacture, attempt to insert foreign objects into
- Do not remove the back cover.
- Your phone has an internal battery.
- Only use the battery for the system for which it is specified
- Only use the device with an LG charging system that has been qualified present a risk of fire, explosion, leakage, or other hazard with the system per CTIA Certification Requirements for Battery System Compliance to IEEE1725. Use of an unqualified battery or charger may
- Battery usage by children should be supervised
- Avoid dropping the device. If the device is dropped, especially on a hard inspection. surface, and the user suspects damage, take it to a service center for
- visit www.call2recycle.org To dispose of the battery properly, call (800) 822-8837 or

charged to save unnecessary power consumption. Always unplug the charger from the wall socket after the device is fully

WARNING! Notice for Battery replacement

- Li-Ion Battery is a hazardous component which can cause injury
- Battery replacement by non-qualified professional can cause damage to your device
- battery inside the product. If you need to replace the battery, take it to the nearest authorized LG Electronics service point or dealer for assistance Your device has an internal battery. For your safety, do not remove

Charger Adapter and Cable Safety

- The charger and adapter are intended for indoor use only
- Insert the battery charger vertically into the wall power socket.
- serious damage to your phone Only use the LG-approved battery charger. Otherwise, you may cause
- Use the correct adapter for your phone when using the battery charger abroad
- product. A charging adapter that supports fast charging is included with the
- fast charging and may cause damage to your device Do not use third party chargers with your device as they may not support

Battery Information and Care

- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger
- Please read the manual for the specified charger to learn how to charge it
- Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire

- connected. If not, it may cause excessive heat or fire. plug pin when it's dirty. When using the power plug, ensure that it's firmly Unplug the power cord prior to cleaning your phone, and clean the power
- life. Battery life will vary due to usage pattern and environmental conditions Recharge the battery after long periods of non-use to maximize battery
- phone. Improper handling of the charging port, as well as the use of an Please use only an approved charging accessory to charge your LG incompatible charger, may cause damage to your phone and void the
- characteristics and cycle life. The charging temperature range is regulated between 32°F (0°C) and heat generation, serious battery damage, and deterioration of battery's temperature range. Charging outside this range might cause excessive 104°F (40°C). Do not charge the battery outside of the recommended
- also might cause deterioration of battery's characteristics or cycle life sunshine. The battery may generate excessive heat, smoke, or flame. Do not use or leave the phone in direct sunlight or in a car heated
- water. It may cause the skin inflammation. skin or clothing is smeared with liquid from the device, wash with fresh
- Please take your phone to an authorized service center immediately if this
- electric shock or seriously damage your phone. Do not handle the phone with wet hands while charging. It may cause an
- Do not place or answer calls while charging the phone as it may shortcircuit the phone and/or cause electric shock or fire
- The charger and adapter are intended for indoor use only.
- Insert the battery charger horizontally into the wall power socket
- quality due to heat generated during use Talking on your phone for an extended period of time may reduce call

Explosion, Shock, and Fire Hazards

- minimum required distance between the power cord and heat sources Do not put your phone in a place subject to excessive dust and keep the
- plug pin when it's dirty. Unplug the power cord prior to cleaning your phone, and clean the power
- may cause excessive heat or fire When using the power plug, ensure that it's firmly connected. If not, it

General Notice

- Do not place items containing magnetic components such as a magnetism of the phone may damage the data stored in the magnetic card, phone card, bank book, or subway ticket near your phone. The credit
- due to heat generated during use Talking on your phone for a long period of time may reduce call quality
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone
- the phone is expose to liquid, turn it off immediately and bring it to an LG Do not immerse your phone in water, liquid, or expose to high humidity. If Authorized Service Center.
- Do not paint your phone.
- of the phone, or upgrade of the software. Please backup your important The data saved in your phone might be deleted due to careless use, repair damage due to the loss of data and videos could also be deleted.) The manufacturer is not liable for phone numbers (Ringtones, text messages, voice messages, pictures
- When you use the phone in public places, set the ringtone to vibration so you don't disturb others
- Do not turn your phone on or off when putting it to your ear.

that cables are tucked away safely. Use accessories, such as earphones and headsets, with caution. Ensure

FDA Consumer Update



1. Do wireless phones pose a health hazard?

effects may occur, but such findings have not been confirmed by additional biological effects. Some studies have suggested that some biological wireless phones are absolutely safe. Wireless phones emit low levels of are associated with using wireless phones. There is no proof, however, that reproducing those studies, or in determining the reasons for inconsistent research. In some cases, other researchers have had difficulty in health effects. Many studies of low level RF exposures have not found any level RF that does not produce heating effects causes no known adverse levels of RF can produce health effects (by heating tissue), exposure to low Radio Frequency (RF) energy in the microwave range while being used They also emit very low levels of RF when in standby mode. Whereas high The available scientific evidence does not show that any health problems

2. What is the FDA's role concerning the safety of wireless phones?

the hazard no longer exists authority to take action if wireless phones are shown to emit Radio does with new drugs or medical devices. However, the agency has users of the health hazard and to repair, replace, or recall the phones so that case, the FDA could require the manufacturers of wireless phones to notify Frequency (RF) energy at a level that is hazardous to the user. In such consumer products such as wireless phones before they can be sold, as it Under the law, the FDA does not review the safety of radiation-emitting

including the following: Although the existing scientific data do not justify FDA regulatory actions FDA has urged the wireless phone industry to take a number of steps

- emitted by wireless phones; Support needed research into possible biological effects of RF of the type
- user that is not necessary for device function; and Design wireless phones in a way that minimizes any RF exposure to the
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

this working group: that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to The FDA belongs to an interagency working group of the federal agencies

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

group activities, as well. The National Institutes of Health participates in some interagency working

questions about wireless phones. exposure. The FCC relies on the FDA and other health agencies for safety United States must comply with FCC safety guidelines that limit RF Federal Communications Commission (FCC). All phones that are sold in the The FDA shares regulatory responsibilities for wireless phones with the

get from wireless phones. Base stations are thus not the subject of the wireless phones themselves, the RF exposures that people get from these rely upon. While these base stations operate at higher power than do the safety questions discussed in this document. base stations are typically thousands of times lower than those they can The FCC also regulates the base stations that the wireless phone networks

3. What kinds of phones are the subject of this update?

built-in antennas, often called "cell", "mobile", or "PCS" phones. These types The term "wireless phone" refers here to handheld wireless phones with

user's head (RF) energy because of the short distance between the phone and the of wireless phones can expose the user to measurable Radio Frequency

produce RF exposures far below the FCC safety limits. wiring in a house, typically operate at far lower power levels, and thus decreases rapidly with increasing distance from the source. The so-called the exposure to RF is drastically lower because a person's RF exposure agencies. When the phone is located at greater distances from the user, developed with the advice of the FDA and other federal health and safety "cordless phones," which have a base unit connected to the telephone These RF exposures are limited by FCC safety guidelines that were

4. What are the results of the research done already?

questions about long-term exposures, since the average period of phone wireless phone RF exposures. However, none of the studies can answer the studies demonstrated the existence of any harmful health effects from and primary brain cancer, glioma, meningioma, or acoustic neuroma, investigated any possible association between the use of wireless phones been published since December 2000. Between them, the studies such studies mean for human health. Three large epidemiology studies have wireless phones, so we do not know with certainty what the results of conditions are not similar to the conditions under which people use studies exposed the animals to RF for up to 22 hours per day. These pre-disposed to develop cancer in the absence of RF exposure. Other genetically engineered or treated with cancer-causing chemicals so as that showed increased tumor development used animals that had been development of cancer in laboratory animals. However, many of the studies that often cannot be repeated in other laboratories. A few animal studies, studies have suffered from flaws in their research methods. Animal use in these studies was around three years. tumors of the brain or salivary gland, leukemia, or other cancers. None of however, have suggested that low levels of RF could accelerate the exposures characteristic of wireless phones have yielded conflicting results experiments investigating the effects of Radio Frequency (RF) energy The research done thus far has produced conflicting results, and many ð be

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

epidemiological studies is hampered by difficulties in measuring actual RF develop — if they do — may be many, many years. The interpretation of the time of exposure to a cancer-causing agent and the time tumors some health effects, such as cancer. This is because the interval between but ten or more years follow-up may be needed to provide answers about studies can provide data that is directly applicable to human populations reliable proof of a cancer promoting effect if one exists. Epidemiological years. However, very large numbers of animals would be needed to provide needed. Lifetime animal exposure studies could be completed in a few actually using wireless phones would provide some of the data that are model of phone is used. measurement, such as the angle at which the phone is held, or which exposure during day-to-day use of wireless phones. Many factors affect this A combination of laboratory studies and epidemiological studies of people

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

studies are conducted to address important questions about the effects of groups of investigators around the world to ensure that high priority animal exposure to Radio Frequency (RF) energy. The FDA is working with the U.S. National Toxicology Program and with

develop a series of public information documents on EMF issues new research programs around the world. The project has also helped detailed agenda of research needs that has driven the establishment of International Electro Magnetic Fields (EMF) Project since its inception in The FDA has been a leading participant in the World Health Organization 1996. An influential result of this work has been the development of a

academic organizations. CTIA-funded research is conducted through oversight, obtaining input from experts in government, industry, and to do research on wireless phone safety. The FDA provides the scientific have a formal Cooperative Research And Development Agreement (CRADA) The FDA and the Cellular Telecommunications & Internet Association (CTIA)

context of the latest research developments around the world. will also include a broad assessment of additional research needs in the both laboratory studies and studies of wireless phone users. The CRADA contracts with independent investigators. The initial research will include

7. How can I find out how much Radio Frequency energy exposure I can get by using my wireless phone?

phone so you can find your phone's RF exposure level in the online listing each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/ the wireless phone and is set well below levels known to have effects. the body's ability to remove heat from the tissues that absorb energy from and Electronic Engineering (IEEE) and the National Council on Radiation rfsafety) gives directions for locating the FCC identification number on your Manufacturers of wireless phones must report the RF exposure level for Protection and Measurement. The exposure limit takes into consideration consistent with the safety standards developed by the Institute of Electrica Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consultation with the FDA and the other federal health and safety agencies. (RF) energy exposures. The FCC established these guidelines in All phones sold in the United States must comply with Federal The FCC limit for RF exposure from wireless phones is set at a Specific Communications Commission (FCC) guidelines that limit Radio Frequency

What has the FDA done to measure the Radio Frequency energy coming from wireless phones?

tissue-simulating model of the human head. Standardized SAR test deposited in the heads of wireless phone users. The test method uses consistent test methodology for measuring the rate at which RF is and leadership of FDA scientists and engineers. The standard, from wireless phones and other wireless handsets with the participation technical standard for measuring the Radio Frequency (RF) energy exposure methodology is expected to greatly improve the consistency of Communications Devices: Experimental Techniques," sets forth the first "Recommended Practice for Determining the Spatial-Peak Specific The Institute of Electrical and Electronic Engineers (IEEE) is developing Absorption Rate (SAR) in the Human Body Due to Wireless

whole body or a small part of the body. It is measured in watts/kg (or wireless phone complies with safety guidelines. milliwatts/g) of matter. This measurement is used to determine whether a the measurement of the amount of energy absorbed in tissue, either by the measurements made at different laboratories on the same phone. SAR is

9. What steps can I take to reduce my exposure to Radio Frequency energy from my wireless phone?

wireless phone connected to a remote antenna. Again, the scientific data avoiding even potential risks, you can take a few simple steps to minimize wireless phone use measures like those described above to reduce your RF exposure from concerned about the RF exposure from these products, you can use does not demonstrate that wireless phones are harmful. But if you are headset and carry the wireless phone away from your body or use a distance between your body and the source of the RF, since the exposure extended conversations by wireless phone every day, you could place more your exposure to Radio Frequency (RF) energy. Since time is a key factor in that there is — it is probably very small. But if you are concerned about level drops off dramatically with distance. For example, you could use a using a wireless phone will reduce RF exposure. If you must conduct how much exposure a person receives, reducing the amount of time spent If there is a risk from these products — and at this point we do not know

10. What about children using wireless phones?

and the RF source will reduce RF exposure. time of wireless phone use and increasing the distance between the user would apply to children and teenagers using wireless phones. Reducing the phones, including children and teenagers. If you want to take steps to lower exposure to Radio Frequency (RF) energy, the measures described above The scientific evidence does not show a danger to users of wireless

government in the United Kingdom distributed leaflets containing such a children be discouraged from using wireless phones at all. For example, the recommendation in December 2000. They noted that no evidence exists Some groups sponsored by other national governments have advised that

hazard exists precautionary; it was not based on scientific evidence that any health recommendation to limit wireless phone use by children was strictly that using a wireless phone causes brain tumors or other ill effects. Their

11. What about wireless phone interference with medical equipment?

phone EMI. effort by the FDA, medical device manufacturers, and many other groups electronic devices. For this reason, the FDA helped develop a detailed test ensure that cardiac pacemakers and defibrillators are safe from wireless was completed in late 2000. This standard will allow manufacturers to Advancement of Medical Instrumentation (AAMI). The final draft, a joint method is now part of a standard sponsored by the Association for the cardiac pacemakers and defibrillators from wireless telephones. This test method to measure Electro Magnetic Interference (EMI) of implanted Radio Frequency (RF) energy from wireless phones can interact with some

approved by the IEEE in 2000. of Electrical and Electronic Engineers (IEEE). This standard specifies test phones and helped develop a voluntary standard sponsored by the Institute phone and a "compatible" hearing aid at the same time. This standard was phones so that no interference occurs when a person uses a "compatible" methods and performance requirements for hearing aids and wireless The FDA has tested hearing aids for interference from handheld wireless

interactions with other medical devices. Should harmful interference be work to resolve the problem. found to occur, the FDA will conduct testing to assess the interference and The FDA continues to monitor the use of wireless phones for possible

12. Where can I find additional information?

For additional information, please refer to the following resources

FDA web page on wireless phones

ndProcedures/HomeBusinessandEntertainment/CellPhones/default.htm) (http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsa

(http://www.fcc.gov/oet/rfsafety) Federal Communications Commission (FCC) RF Safety Program

(http://www.icnirp.de) International Commission on Non-Ionizing Radiation Protection

(http://www.who.int/emf) World Health Organization (WHO) International EMF Project

National Radiological Protection Board (UK) (http://www.hpa.org.uk/radiation/)

Notes on Water Resistant Properties

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

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



services provided under product's limited warranty. occur due to such causes makes you ineligible for any free-of-charge repair tested in LG's controlled environment. Please note that any damages that Despite a rating of IP68, your device is not impervious to conditions not

moisture. Do not use the product in the following environments: Avoid exposing the product to environments with excessive dusts



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



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.



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



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

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

- and stereo jack with a dry cloth before use. If your product becomes wet be sure to wipe the microphone, speaker,
- handling the product. Should your product or your hands become wet, dry them before
- Do not use the product in places where it may be sprayed with high withstand high water pressure water for extended periods of time, as the product is not designed to pressure water (e.g. near a faucet or shower head) or submerge it in
- it to shock. Doing so might damage or deform the main unit, causing water leakage This product is not resistant to shock. Do not drop the product or subject
- dropping or receiving an impact. The product's water and dust resistant features may be damaged by
- 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.

- properly inserted into the product. Your product is water resistant only when the sim/memory card tray is
- damage the product. or immersed in water. Exposing the open tray to water or moisture may Do not open or close the SIM/memory card tray while the product is wet
- and cause damage [packing] as this may allow dust, water, or moisture to enter your product water, or moisture from entering the product. Do not damage the rubber The SIM/Memory card tray contains rubber [packing] to help prevent dust,

NOTE Failure to follow the provided instructions may invalidate your device's limited warranty.

Driving

where you drive and always obey them. Also, if using your phone while driving, please observe the following: Check the laws and regulations on the use of wireless phones in the areas

- Give full attention to driving driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions or the law require it.

10 Driver Safety Tips

almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold Your wireless phone gives you the powerful ability to communicate by voice

wireless phone behind the wheel of a car, practice good common sense and remember the following tips: When operating a car, driving is your first responsibility. When using your

- Get to know your wireless phone and its features such as speed dial and of valuable features most phones offer, including automatic redial and speed dial function without taking your attention off the road. memory. Also, work to memorize the phone keypad so you can use the redial. Carefully read your instruction manual and learn to take advantage
- 2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you
- 3. Make sure you place your wireless phone within easy reach and where answer it for you. incoming call at an inconvenient time, if possible, let your voicemai you can reach it without removing your eyes from the road. If you get an
- Suspend conversations during hazardous driving conditions or situations suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road. Let the person you are speaking with know you are driving; if necessary,
- 5. Don't take notes or look up phone numbers while driving. If you are driving a car, you are not watching where you are going. It is common reading an address book or business card, or writing a "to-do" list while reading or writing and not paying attention to the road or nearby vehicles sense. Do not get caught in a dangerous situation because you are
- 6. Dial sensibly and assess the traffic; if possible, place calls when you are stopped at a stop sign, red light, or otherwise stationary. But if you need begin your trip or attempt to coincide your calls with times you may be not moving or before pulling into traffic. Try to plan your calls before you

- check the road and your mirrors, then continue to dial while driving, follow this simple tip – dial only a few numbers,
- .\ of a car. Make people you are talking with aware you are driving and if they are distracting and even dangerous when you are behind the wheel distracting. Stressful or emotional conversations and driving do not mix; attention from the road necessary, suspend conversations which have the potential to divert your Do not engage in stressful or emotional conversations that may be
- ∞ Use your wireless phone to call for help. Your wireless phone is one of dangerous situations - with your phone at your side, help is only three a free call on your wireless phone! fire, traffic accident, road hazard, or medical emergency. Remember, it's numbers away. Dial 911 or other local emergency number in the case of the greatest tools you can own to protect yourself and your family in
- 9 Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in emergency number, as you would want others to do for you serious emergency where lives are in danger, call 911 or other loca your community. If you see an auto accident, crime in progress or other
- 10. Call roadside assistance or a special wireless non-emergency assistance injured or a vehicle you know to be stolen, call roadside assistance or emergency services. But you can still use your wireless phone to lend a other special non-emergency wireless number broken traffic signal, a minor traffic accident where no one appears hand. If you see a broken-down vehicle posing no serious hazard, a may require attention, but are not urgent enough to merit a call for number when necessary. Certain situations you encounter while driving

manner in which a driver may use his or her phone while operating a use. Such laws or other regulations may prohibit or otherwise restrict the your applicable jurisdiction's local laws or other regulations regarding such mobile device while operating a vehicle, it is recommended that you consult The above tips are meant as general guidelines. Before deciding to use your

Cautions

- The user interface of Google apps (Google Search, Google Maps Navigation, etc.) can vary depending on its software version.
- Locations are inaccurate when GPS and Wi-Fi are not set
- With the Android operating system, some available Play Store apps only apps with programming defects may cause issues with your phone, available for your phone due to an LCD resolution requirement that including lock ups and resets doesn't match your phone. In addition, please be aware that third party Please be advised that some of the apps on Play Store may not be operate correctly with phones that have a specific screen resolution.
- All of the phone's contents, including content which you create or download, will be deleted after a Factory Reset.

C€0168⊕

- Use your phone in temperatures between 0°C and 40°C, if possible in damage, malfunction, or even explosion. Exposing your phone to extremely low or high temperatures may result
- There is risk of explosion if the battery is replaced with an incorrect type
- Dispose of used batteries according to the manufacturer's instructions Please recycle when possible. Don't dispose as household waste

Wi-Fi (WLAN)

This equipment may be operated in all European countries

The 5150 - 5350 MHz band is restricted to indoor use only



volume levels for long periods To prevent possible hearing damage, don't listen at high

Excessive sound pressure from earphones and headphones can cause hearing loss

DECLARATION OF CONFORMITY

found at http://www.lg.com/global/declaration of Directive 2014/53/EU. A copy of the Declaration of Conformity can be compliance with the essential requirements and other relevant provisions Hereby, LG Electronics declares that this LGVS988 product is in

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information.

applicable safety requirements for exposure to radio waves. These designed to assure the safety of all persons, regardless of age and health. requirements are based on scientific guidelines that include safety margins This mobile phone model LGVS988 has been designed to comply with

- The radio wave exposure guidelines employ a unit of measurement its highest certified power level in all used frequency bands conducted using standardized methods with the phone transmitting at known as the Specific Absorption Rate (SAR). Tests for SAR are
- While there may be differences between the SAR levels of various LG phone models, they're all designed to meet the relevant guidelines for exposure to radio waves.
- The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) is 2 W/kg averaged over 10g
- The highest SAR value for this model phone tested for use at the ear is 0.374 W/Kg (10g) and when worn on the body is 1.460 W/kg (10g).
- This device meets RF exposure guidelines when used either in the away from the body. When a carry case, belt clip or holder is used for distance instructions are followed until the transmission is completed. delayed until such a connection is available. Ensure the above separation network. In some cases, transmission of data files or messages may be files or messages, this device requires a quality connection to the product at least 0.5 cm away from your body. In order to transmit data bodyworn operation, it shouldn't contain metal and should position the normal use position against the ear or when positioned at least 0.5 cm

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Dolby Vision supports 4 modes for the best experience

- Cinematic: Stays closest to cinema, best in dark environments
- Bright: Offers the best video quality in brighter environments
- Standard: Balances power saving and video quality
- Vivid: Boosts brightness and colors for a bolder picture

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

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Regulatory Information (FCC ID number, etc.)

For regulatory details, go to Settings > About phone > Regulatory &

service representative. described in this section, before taking the phone in for service or calling a Please check to see if any issues you've encountered with your phone are

Phone Function	Google Service Goog	Google™ Gma Service	Data Sync	Data Sync	Data Cont	Bluetooth Devices	CATEGORY SUB
YouTube™	Google Account	Gmail Log-In	Synchronization	Synchronization	Contacts Backup	Bluetooth Devices	SUB-CATEGORY
Is it possible to play YouTube videos?	Is it possible to filter emails?	Should I have to log into Gmail whenever I want to access Gmail?	Is it possible to synchronize all of the Email folders?	Is it possible to set up one-way-sync with Gmail?	How can I back up Contacts?	What are the functions available via Bluetooth?	QUESTION
Yes, YouTube videos are supported but may have to be viewed through the YouTube app (instead of the Chrome app).	No, email filtering is not supported via the phone.	Once you log into Gmail, you don't need to log into Gmail again.	All of your Email folders are synchronized. From the Email app, tap the Email Menu icon then tap the desired folder or Show all folders to view all available folders.	Only two-way synchronization is available.	The Contacts data can be synchronized between your phone and Gmail™.	Stereo/Mono Headset, and Car Kit are available. When your phone is connected to another phone via Bluetooth, you can receive Contacts data. You can share data with other Bluetooth devices when you run a corresponding app.	ANSWER

CATEGORY	SUB-CATEGORY	QUESTION	ANSWER
Phone Function	Emaii	What happens when I access another app while writing an email?	Your email is automatically saved as a draft when you access another app. It's still displayed when you return to Email, until you close the Email app. When you open the Email app again, from your Inbox, tap the Email Menu icon > Drafts to access it.
Phone Function	Ringtone	Is there a file size limitation for when I want to use an .MP3 file as a ringtone?	There's no file size limitation.
Phone Function	Navigation	Is it possible to install another navigation app on my phone?	Any app that's available on Play Store and is compatible with the hardware can be installed and used.
Phone Function	Synchronization	Is it possible to synchronize my contacts from all of my email accounts?	Only Gmail and MS Exchange server (Company Email Server) contacts can be synchronized.
Phone Function	Wait and Pause	Why don't my phone numbers with Wait and Pause work?	If you transferred a contact with the Wait and Pause functions saved into the number, you'll need to re-save each number to use these features. To re-save numbers with Wait and Pause 1. From the Home screen, tap the Phone icon and select the Dial tab. 2. Dial the number, then tap the Options icon: 3. Tap Add 2-sec pause or Add wait, enter the remaining numbers, then tap Update contact to save the number for the Contact.

an unlock pattern appears. 5. Set up by drawing your pattern once, tap NEXT , draw it again, then tap CONFIRM .			
4. Tap Pattern . The first time you do this, a short tutorial about creating	the unlock Pattern?	Unlock Pattern	Phone Function
3. Tap Select screen lock.	How do I create		!
2. Tap Lock screen.			
1. From the Home screen, swipe left, if necessary, and tap Settings .			
won't be able to use your phone at all.			
provide it after a factory reset, you			
forget your Google Account			
password are entered again. Don't			
embedded Google Account and			
the setup process until your			
performed, your phone will not finish	functions?		מוכנוסו
process. If a factory reset is	phone's security	Security	Finction
which will embed it in the setup	What are the		Phone
vour Google Account on your phone			
As an added anti-theft measure, add			
used.			
before the phone can be accessed or			
entry of an unlock sequence (Knock			
You can set the phone to require the			
ANSWER	QUESTION	SUB-CATEGORY	CATEGORY
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Yes, You can set Speed Dials as well as save a contact directly on your Home screen. To set a Speed Dial: 1. Open the Contacts app. 2. Tap the Options icon : Speed dial. 3. Tap the options icon : Speed dial. 1. Open the Contacts app. 2. Tap the Options icon : Speed dial. 3. Tap the options icon : Speed dial. 1. To set a Direct Dial shortcut to your Home screen. To set a Direct Dial shortcut to your Home screen. 1. Touch and hold an empty area on your Home screen, then tap the widgets icon □ Contacts. 2. Touch and hold the Direct dial, then diag it where you want it placed. 3. Tap the contact in your Contacts. 2. Touch and hold the Direct dial, then diag it where you want it placed. 3. Tap the contact in your Contacts. 5. To change the language: 1. From the Home screen, swipe left, in necessary > tap the Settings icon the desired languages for your on-screen keyboard, from the Languages for your on-screen keyboard, from the Contact in the Procedmark the Broutages want to the Contact in the Procedmark the Broutages want to the Contact in the Support of the Contact in the Support of the Contact in the Contact in the Contact in the Contact in the Direct dial, then a contact in the Direct dial, then a contact in your Contacts. 5. To change the language: 6. Tap Language & input > Language for your on-screen keyboard, from the Languages for your on-screen keyboard, from the Contact in the Contact	CATEGORY	SUB-CATEGORY	QUESTION	ANSWER
Speed Dial Is Speed Dialing supported? Will I know when my memory is full? Language Support Support Is it possible to change the language?				Yes. You can set Speed Dials as well as save a contact directly on your Home screen.
Speed Dial Is Speed Dialing supported? Will I know when my memory is full? Language Support Language Is it possible to change the language?				To set a Speed Dial:
Speed Dial supported? Is Speed Dialing supported? Will I know when my memory is full? Language Support Language Is it possible to change the language?				1. Open the Contacts app.
Speed Dialing supported? Supported? Will I know when my memory is full? Language Support Is it possible to change the language?				V
Speed Dialing supported? Supported? Will I know when my memory is full? Language change the support ls it possible to change the language?				3. Tap the speed dial location and select the desired contact.
Memory Will I know when my memory is full? Is it possible to change the language?	Phone Function	Speed Dial	Is Speed Dialing supported?	NOTE You can also tap the Speed dial icon (199) next to the number in a
Memory Memory Mill I know when my memory is full? Is it possible to change the language?				contact's entry, then select the speed dial you want to set.
Memory Memory Mill I know when my memory is full? Is it possible to change the language?				To set a Direct Dial shortcut to your Home screen:
Memory Memory Mill I know when my memory is full? Is it possible to change the language?				1. Touch and hold an empty area on your Home screen, then tap the Widgets icon 🔁 > Contacts.
Memory Memory Mill I know when my memory is full? Language Support Is it possible to change the language?				2. Touch and hold the Direct dial , then drag it where you want it placed.
Memory Memory is full? Is it possible to change the language?			Will I know when	
Language Support Is it possible to change the language?	Phone Function	Memory	Will I know when my memory is full?	Yes, you'll receive a notification.
Language Support Is it possible to change the language?				The phone has multi-lingual capabilities.
Language Change the Support language?				To change the language:
Language change the Support language?			= = = = = = = = = = = = = = = = = = = =	1. From the Home screen, swipe left, if necessary > tap the Settings icon
language:	Phone Function	Language Support	change the	2. Tap Language & input > Language
your on-screen keyboard, from the Language & input screen, tap LG Keyboard, tap Select languages, the			19 9 9 9 1 9 1	S. Jap tile desiled language:
Keyboard, tap Select languages, th				your on-screen keyboard, from the
				Keyboard, tap Select languages, then checkmark the languages volument to

ime Out	when using Play Store? How do I set up a VPN? My screen turns off after only 30 seconds. How can I change the amount of time for the backlight to turn off? When Wi-Fi and 4G are both available, which service will my phone use? Is it possible to remove an app from the Home screen?	Phone Function Home Screen	Phone Function Wi-Fi and 4G	Phone Function Screen T	Phone Function	Function Support
				My screer off after or seconds. He can I change amount of for the bact to turn off.	How do I s a VPN?	

In the case of a malfunction or lock up error, press and hold the Volume Down button and the Power/Lock button at same time for about 11 seconds until the device resets.	The phone is locked-up and does not function. How can I reset it?	Power Reset	Recovery Solution
Your alarm is programmed to be audible even in these scenarios.	If my ringer volume is set to Off or Vibrate, will I hear my alarm?	Alarm	Phone Function
No, that functionality isn't supported.	Will my alarm be audible or will it go off if the phone is turned off?	Alarm	Phone Function
Yes. After saving a music file as a ringtone, you can use it anywhere you can set ringtones as an alert. To save a music file as a ringtone: Touch and hold a song in a library list. In the context menu that opens, tap Set as ringtone, then tap Phone ringtone. The added ringtone becomes your default ringtone. NOTE If you tap Caller ringtones instead, you can set the selected song for a specific contact.	Can I use music files for my ringtones?	Ringtones	Phone Function
 From the Home screen, swipe left, if necessary > tap the Settings icon 2. Tap Application manager. Tap the app > Uninstall. NOTE You can also touch and hold the app, then drag it to the Uninstall bar at the top of the screen. 	I downloaded an app and it causes a lot of errors. How do I remove it?	Application	Phone Function
ANSWER	QUESTION	SUB-CATEGORY	CATEGORY

"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

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

- seq], The California Song-Beverly Consumer Warranty Act [CC §§1790 et
- et seql, and The California Uniform Commercial Code, Division Two [Com C §§2101
- preempt state law. [See 15 USC §2311.] 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 replace defective goods. [See 15 USC §2301(6).] Remedies include product is free of defects or a written promise to refund, repair, or typical Magnuson-Moss Act warranty is a written promise that the Improvement Act [15 USC §§2301 et seq; 16 CFR Parts 701-703]. A The federal Magnuson-Moss Warranty Federal Trade Commission

1. WHAT THIS WARRANTY COVERS:

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

(1) The limited warranty for the product extends for TWELVE (12) MONTHS from date of manufacture as determined by the unit's manufacture date purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS beginning on the date of purchase of the product with valid proof of

- (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
- (3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S., including Alaska, Hawaii, U.S. Territories and Canada
- (4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.
- (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 food or liquid fault of LG, including damage caused by shipping, blown fuses, spills of accident, alteration, improper installation, or other acts which are not the unauthorized connections, unauthorized repair, misuse, neglect, abuse, storage, exposure to moisture or dampness, unauthorized modifications
- (3) 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 applicable limited warranty period. consumer of the alleged defect or malfunction of the product during the
- (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 either in fact or by operations of law, statutory or otherwise, including, particular use but not limited to any implied warranty of marketability or fitness for a
- (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:

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

4. STATE LAW RIGHTS:

WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER WARRANTY HEREIN. LG SHALL NOT BE LIABLE FOR THE LOSS OF THE No other express warranty is applicable to this product. THE DURATION OF EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS

lasts; so these limitations or exclusions may not apply to you. This warranty consequential damages or limitations on how long an implied warranty Some states do not allow the exclusive limitation of incidental or

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

5. HOW TO GET WARRANTY SERVICE:

with the headset. Likewise, if a problem exists with the mobile handset, with the Bluetooth headset, please DO NOT return your mobile handset please DO NOT return the Bluetooth Headset with the handset. you need only return the affected device. For example, if a problem exists mobile handset, in each case as may be covered by this limited warranty, If you experience any problems with either the Bluetooth headset or the

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

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

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS

nearest you and for the procedures for obtaining warranty claims Please call or write for the location of the LG authorized service center

PROCEDURE FOR RESOLVING DISPUTES:

PARTICIPATE IN A CLASS ACTION. PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE

tort, statute, regulation, ordinance, fraud, misrepresentation or any other claim or controversy of any kind whatsoever (whether based in contract, suppliers; references to "dispute" or "claim" shall include any dispute affiliates, and each of their officers, directors, employees, agents, Definitions. For the purposes of this section, references to "LG" mean condition or performance of the product or this Limited Warranty. legal or equitable theory) arising out of or relating in any way to the sale, beneficiaries, predecessors in interest, successors, assigns and LG Electronics MobileComm U.S.A., Inc., its parents, subsidiaries and

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

will be conducted before a single arbitrator under the AAA's Consumer will be administered by the American Arbitration Association (AAA) and Arbitration Rules that are in effect at the time the arbitration is you or LG must make a written demand for arbitration. The arbitration Arbitration Rules and Procedures. To begin arbitration of a claim, either

terms of this provision the dispute are for the court to decide. The arbitrator is bound by the and enforceability of the arbitration provision and to the arbitrability of are for the arbitrator to decide, except that issues relating to the scope the arbitrator's award in any court of competent jurisdiction. All issues governed by the Federal Arbitration Act. Judgment may be entered on the rules set forth in this section will govern. This arbitration provision is conflict between the AAA Rules and the rules set forth in this section, demand to LG at LG Electronics, USA, Inc. Attn: Legal Departmentdescribed in the AAA Rules. You must also send a copy of your written arbitration, as well as a copy of this provision, to the AAA in the manner www.adr.org/consumer. Send a copy of your written demand for forth in this section. The AAA Rules are available online at Arbitration 1000 Sylvan Avenue Englewood Cliffs, NJ 07632. If there is initiated(referred to as the "AAA Rules") and under the procedures set

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> Governing Law: The law of the state of your residence shall govern this

disbursed by it that are otherwise your obligation to pay under the AAA standards set forth in Federal Rule of Civil Procedure 11(b)), then the frivolous or brought for an improper purpose (as measured by the either the substance of your claim or the relief sought in the demand is expenses to the extent required by applicable law. If the arbitrator finds in accordance with the AAA Rules and this arbitration provision. If you the AAA Rules. Except as otherwise provided for herein, LG will pay all damages, in which case the payment of these fees will be governed by arbitration filing fees to the AAA unless you seek more than \$25,000 in such a situation, you agree to reimburse LG for all monies previously payment of all arbitration fees will be governed by the AAA Rules. In prevail in the arbitration, LG will pay your reasonable attorneys' fees and AAA filing, administration and arbitrator fees for any arbitration initiated 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

arbitration have to seek attorneys' fees and expenses from you if LG prevails in the Except as otherwise provided for, LG waives any rights it may

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

all terms and conditions of the arbitration provision described above Warranty. If you keep this product and do not opt out, then you accept way, and you will continue to enjoy the full benefits of the Limited procedure will not affect the coverage of the Limited Warranty in any dispute resolution procedure. Opting out of this dispute resolution phone > Status). You may only opt out of the dispute resolution (iii) from the settings menu via the following path: Settings > About back of the product beneath the battery, if the battery is removable; or Serial Number can be found (i) on the product box; (ii) on a label on the IMEI or MEID or Serial Number, as applicable (the IMEI or MEID or purchased; (c) the product model name or model number; and (d) the your name and address; (b) the date on which the product was 2973. You must include in the opt out e-mail or provide by telephone: (a) com, with the subject line: "Arbitration Opt Out" or (ii) calling 1-800-980purchase of the product by either: (i) sending an e-mail to optout@lge. than 30 calendar days from the date of the first consumer purchaser's arbitration proceeding. To opt out, you must send notice to LG no later out, neither you nor LG can require the other to participate in an telephone); no other form of notice will be effective to opt out of this procedure in the manner described above (that is, by e-mail or Opt Out. You may opt out of this dispute resolution procedure. If you opt

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