LG Stylo2V

User guide

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Guía del usuario.

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LG Stylo 2V

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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.
- Notification LED Illuminates to indicate an incoming call, an incoming message, screen lock, etc
- 5 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
- ω 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
- <u>5</u> Proximity/Ambient light sensor Senses proximity toward other objects brightness to provide a vivid screen. sensor which measures the surrounding light and adjusts the LCD during a call or when carried inside a pocket. It also employs an ambient (such as your head) so that tap commands are not accidentally activated

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

- <u>ඉ</u> Recent apps button Displays recently used applications and your open website tabs. If you touch and hold this button, it opens a menu of available options.
- Home button Returns to the Home screen from any screen. If you touch and hold this button, it opens the Google app.

Rear View



- ∞ stylus, slide it out from the top of the phone works well with popular writing and drawing applications. To remove the Stylus pen Use to input commands and navigate on your phone. It also
- 9 optimal performance Back camera Use to take photos and record videos. Keep it clean for
- 10. Power/Lock button Press to turn off the screen backlight and lock the phone on/off, restart it, and activate/deactivate Airplane mode screen, or turn the screen backlight back on. Press and hold to turn the
- Speaker Use to listen to audio (e.g., music, videos, sound clips, speakerphone, etc.) from the rear speaker instead of the earpiece
- 12. flash to alert you (e.g., incoming calls and messages, alarms, etc). turn on the flash. When activated in the Accessibility settings, it will also Flash Brightens up the captured image or recorded video when you

- 13. Volume button(s) Press to adjust the ringer, the media volumes, or the in-call volume during a call. They also access shortcuts when enabled in the Settings menu.
- **TIPS** • With the screen backlight off (asleep), you can press the Volume Down button twice to activate the Camera app (if enabled in the Settings).
- With the screen backlight off (asleep), you can press the Volume Up button twice to access the Capture+ app (if enabled in the Settings).

Top and Bottom Views



- Microphone 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, hands-free conversations. You can also plug in headphones to listen to music.
- <u>1</u>6. USB/Charger port Allows you to connect the phone and the USB cable for use with the charger adapter, or other compatible accessories
- 17. Microphone Transmits your voice to the other caller. It's also used for voice-activated functions

Help

your phone, including how-to videos, 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 >

Setting Up Your Phone

Your phone already has a SIM card installed.

Step 1. Remove the Back Cover

on the lower left of the back cover and gently lift the cover. With the phone facing down, insert your fingernail into the cutout located



Step 2. Insert the Battery

to secure Insert the battery, making sure the gold contacts line up. Press down gently



Step 3. Replace the Back Cover

edges to secure the cover. Align the cover over the back of the phone and then press down along the



Step 4. Charge the Phone

Before turning on your phone, charge it fully.

outlet. phone. Plug the other end into the charger and plug the charger into an Plug the small end of the USB cable into the USB/charger port on your



WARNING! Only use approved chargers with your device. Incompatible chargers or tampering with the charging port could damage your device and void the warranty.

Removing the Battery and SIM Card

Removing the battery

Turn the phone off, then with the phone facing down, insert your fingernail into the cutout located on the lower left of the back cover and lift the cover up gently.



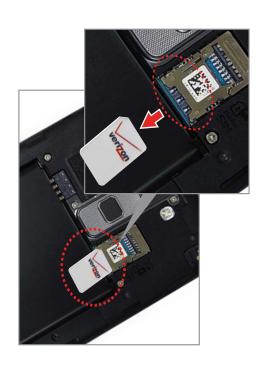
2. Use the fingertip cutout at the bottom of the battery compartment to lift the battery out.



Removing 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

- Turn the phone off, then remove the back cover and the battery (as demonstrated in the previous instructions).
- 2. Locate the slot for the SIM card (the lower of the two slots above the card out to remove it. upper-right corner of the battery compartment) and gently slide the SIM



Inserting and Removing a Memory Card

Inserting a microSD card

- Remove the back cover (as demonstrated in the previous instructions) and locate the dual slot just above the upper-right corner of the battery compartment. (microSD is inscribed near the slot opening.)
- Position the microSD card (sold separately) with the label side facing up and the gold contacts toward the slot, then carefully slide it into the upper slot until it's secured in place.



NOTE

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

To remove the microSD card

- 1. Unmount the microSD card.
- ▶ Tap the Home button > touch and hold the Recent apps button □ > Settings > Storage & USB > the Eject icon
- 2. Remove the back cover and locate the microSD card slot (as demonstrated in the previous instructions).
- 3. Carefully pull the microSD card out to remove it.



To unmount the microSD card

phone to avoid damage to it or the data saved on the card. It's important to unmount the microSD card prior to removing it from the

- Tap the **Home button** > touch and hold the **Recent apps button** □.
- Tap Settings > Storage & USB.
- 3. Tap the **Eject** icon 🔷 .

Charging Your Phone

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

NOTE may cause damage to your phone and void the warranty. handling of the USB/Charger port, as well as the use of an incompatible charger, Please only use an approved charging accessory to charge your LG phone. Improper

Correctly orient the USB cable with the charger adapter and connect the adapter. them. Refer to the image below to correctly connect the USB cable and



- 2. The USB/Charger port is located at the bottom of the phone. Correctly orient the cable's plug with the port before plugging it in. Refer to the image on the following page to correctly connect the charger to the phone.
- ω Plug the charger adapter into a power outlet to begin charging

Charging with the USB Cable



Make sure to correctly orient the cable's plug with the port before plugging it in. Refer to the image above to correctly plug the charger.

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

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.

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

To check the battery charge level

Settings > Battery. Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square

- The battery level (as a percentage of fully charged) 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** \bigcirc > touch and hold the **Recent apps button** \square > Settings > Battery > Battery usage

Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square > Settings > About phone > Battery > Battery usage

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

activate when the battery charge level drops to the level you set. If Battery saver is off, you'll be prompted to turn on Battery saver when the 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** \bigcirc > touch and hold the **Recent apps button** \square > Settings > Battery > Battery saver
- From the Battery saver screen, tap Turn Battery saver on, then select to activate Battery saver immediately, or when the charge drops to 5% or a notification prompts you to turn it on. 15%. If you turn off Battery saver, when the battery charge becomes low,
- Enable the Restrict apps in background switch to conserve more of your battery power while in Battery saver mode
- 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** I for a couple of seconds until the screen turns on.

Turning your phone off

- Press and hold the **Power/Lock button** until the Phone options menu appears.
- 2. 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 and display the Lock screen.
- 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
- When the screen is off and you double-tap the screen with Knock Code activated, the Knock Code grid is displayed for you to enter your Knock Code.

Turning the screen on using the Knock Code feature

unlock the screen at the same time. If your Lock screen unlock sequence is set to a Knock Code, tap your Knock Code on the darkened screen to automatically turn on the backlight and

button [] displays the Lock screen (e.g., to check the time). You can tap your Knock When the screen is in timeout and a Knock Code is set, pressing the Power/Lock the Status Bar) to turn the backlight back off. Code to unlock the screen or press the **Power/Lock button** — again (or double-tap

NOTES

- Enter the incorrect Knock Code 5 times and a caution is displayed. Enter it incorrectly again and you'll be prompted to enter your backup PIN to unlock your
- Use a fingertip instead of a fingernail to tap your Knock Code on the screen

Setting up the Knock Code feature

- Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \bigcirc > Lock screen settings
- 2. Tap Select screen lock > Knock Code
- ω Tap the squares in a pattern (from 6 to 8 taps) to set your Knock Code, tap DONE, enter it again, then tap CONFIRM.

You'll be prompted to enter and confirm a back up PIN

To unlock the phone

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

(such as a Knock Code, pattern, PIN, or password) that will need to be 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

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

OR

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

Avoid covering the proximity sensor when turning the screen on. Doing so,

NOTE

prevents the screen from turning on. 10:41

- 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

Your Google Account

back up your settings to Google servers; and to take advantage of other Google services on your phone You must sign into a Google Account to use Gmail, Hangouts, Google Calendar, and other Google apps; to download apps from Play Store; to

IMPORTANT

- If you don't sign into a Google Account during setup, you're prompted to sign in or to create a Google Account the first time you start an app that requires one, such as Gmail or Play Store
- When you sign in, you're prompted to enter your username and password using the on-screen keyboard.
- After you sign in, your contacts, Gmail messages, Calendar events, and other information from these apps and services on the web are synchronized with your
- If you have an enterprise account through your company or other organization, your IT department may have special instructions on how to sign in to that account

Setting up your Google Account

following steps No matter if you use Setup Wizard or launch an application that requires Google Account (such as Play Store or Gmail), you'll be guided through the

Enter your email and tap NEXT.

NOTE If you don't already have a Google Account, tap Or create a new account and follow the on-screen prompts to create your new account.

- 2. Enter your password and tap **NEXT**.
- 3. Follow the rest of the instructions on the screen.

synchronized with your phone automatically Your Gmail, Google Contacts, and Google Calendar events will all be

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
- Enable the Secure start-up lock: If your device is lost or stolen, but requirement is entered. you've locked your start-up, it can't be powered on unless your unlock
- 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

NOTE

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 unti

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

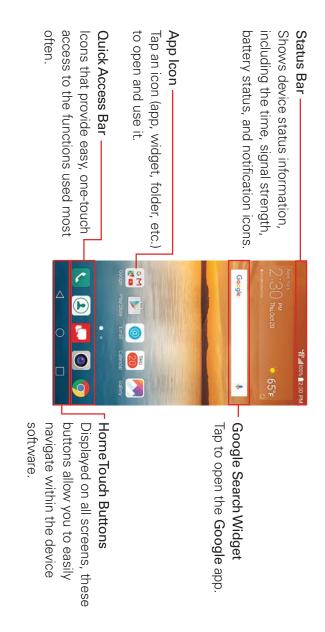
or activate functions. A triple-tap will also activate a new event in the Calendar app Certain Accessibility features (such as Touch zoom) use a triple-tap gesture to zoom

screen to hide all of your Home screen items, then pinch in to redisplay see and read), or pinch together to view more area and information. The 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, pinch gesture also affects the Home screen. Spread apart on the Home Messaging list). Spread apart to make screen information larger (easier to 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 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



Quick Access Bar icons

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

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
- **O 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 (your open websites may also be displayed). Touch and hold it to access available options for the current screen or app.
- When the Mini view switch is enabled in the Settings menu, you can swipe horizontally across the buttons to switch to Mini view (for one-handed operation).

Modifying the Home Touch Buttons

as well as how their position. You can change which buttons are displayed in the Home Touch Buttons Bar,

- Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square Settings > Display > Home touch buttons
- 2. Select the modification you want to change
- Back button, the Home button, the Recent Apps button, the want in the bar and their location within the bar. Choose from the Tap Button combination to select which Home Touch Buttons you Dual window button. Notification button, the Capture+ button, the QSlide button, and the
- Tap Background color to set the button color. Choose White or Black.

To return to the Home screen

▼ Tap the Home button ○ 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 additonal panels to allow more space for icons,



Home Screen Panel Indicator

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 redisplay your Home screen with all of its icons and widgets, pinch in on Place two fingers on the screen, then spread them apart to hide the items

NOTE

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

Using Dual View



Slide the screen right or left to view different Home screen panels

Dual View Icons

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

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

NOTE The Quick Access Bar icons are deactivated 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.

Using Mini view



window to make your device easier to use with just one hand. The Mini view feature allows you to shrink the Home screen into a mini

> Settings > Mini view > enable the Mini view switch. Tap the $\operatorname{\sf Home}$ $\operatorname{\sf button}$ ${f O}$ > then touch and hold the $\operatorname{\sf Recent}$ $\operatorname{\sf apps}$ $\operatorname{\sf button}$ ${f \Box}$

- Swipe across the Home Touch Buttons to activate the mini view window.
- Drag the mini window's title bar to move it on the screen.
- Drag the upper-right corner of the window to resize it proportionally.
- ▼ Tap the Close icon X on the mini view window to close it.

EasyHome screen version

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

Home screen settings > Select Home > EasyHome. Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square

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 top right of the screen displays the date and time. Tap it to access Clock app.
- 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

- Tap one of the 9 shortcuts, then tap the contact you want to set. Tap shortcut's **Dial** icon **t** to call its number. Tap a shortcut's image to select Make voice call, Make video call, Send message, or Remove shortcut.
- 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

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

To change back to the Android Home screen

> Home screen > Select Home > Home Tap the **Home button** O > swipe left, if necessary > tap the **Settings** icon

Home & app drawer

shortcuts and widgets you want on your Home screen access the Applications screen which allows you to set just the app screen panels. The Apps icon in the Quick Access Bar provides you with downloaded apps in an Applications screen instead of on your Home choose to use on your phone. This version places all of your installed Home & app drawer is another version of the Home screen that you can and

Home screen settings > Select Home > Home & app drawer Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square

The Home & app drawer Home screen

and widgets By default, the Home & app drawer has two panels for your app shortcuts

- To add additional panels, pinch in on the Home screen, then tap the Add panel icon 👑
- To rearrange your panels, touch and hold the panel, then drag it where you want it.
- 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

Adding app shortcuts

closes and you can drag the app shortcut icon to any of your Home screen, then touch and hold the app you want. The Applications screen Tap the Apps icon (::) in the Quick Access Bar to open the Applications screen panels.

OR

Touch and hold an empty spot on your Home screen to display Dual view shortcut you want to place it automatically or drag one on to the Home change Home screen panels and find the shortcut you want. Tap the screen panel to manually place it. Tap the **Back button** ✓ when you're with your Home screen panels on top and your shortcut options (Apps, done adding your shortcuts Widgets, and Wallpapers) on the bottom. You can swipe horizontally to

Removing app shortcuts

Remove bar at the top of the screen. Touch and hold the app shortcut you want to remove, then drag it to the

To change back to the Android Home screen

Home screen settings > Select Home > Home Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square >

Apps: How to View, Open, and Switch



Opening an app

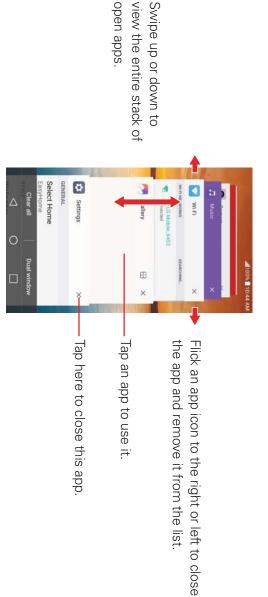
Open an app simply by tapping its icon on the screen.

Opening multiple apps

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

Switching between multiple apps

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

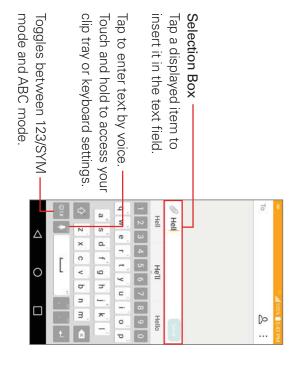


Moving apps to other Home screen panels

panels before lifting your finger. drag the icon to the left or right edge of the screen to advance to the other You can move app icons to any Home screen panel. Touch and hold, then

Text Input Methods

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



Modifying your LG keyboard characteristics

layout. Settings > Language & input > LG Keyboard > Keyboard height and Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \bigcirc >

- either side of the Space button. The QWERTY layout setting allows you to select the default buttons
- buttons on the top row of the keyboard. The Extended keyboard switch allows you to display the numeric
- between the keyboard (including the size of its buttons) and the screen. The Keyboard height setting allows you to change the size ratic
- The Keyboard type in landscape setting allows you to set the keyboard to be expanded or compressed when the phone is in landscape mode

- The Split keyboard switch allows you to split the keyboard in half by spreading two fingers horizontally on the landscape keyboard. This makes it easier to type using your thumbs.
- ▶ The One-handed operation switch allows you to swipe the keyboard left or right to adjust the position of the LG keyboard (portrait mode only) to use just one hand to type.

Typing tips	
Enter other characters	Tap the Numbers/Symbols button to display its keyboard. Tap the Arrow buttons on the left side of the keyboard to view additional symbols. From the Numbers/Symbols keyboard, you can also tap the Graphics button to enter graphics into your text. To enter foreign characters, touch and hold the associated button to display a pop-up of character choices (e.g., the "a" button also includes an accent mark "á"), drag your finger to the character you want, then lift your finger.
Enter one capital letter	Tap the Shift button 🔯 to capitalize the next letter. The button changes to 🐨.
Enter all capital letters	Double-tap the Shift button 🔯 to set caps lock. The button changes to 🏠. Tap again to revert to lowercase.
Highlight text	Double-tap a word to highlight it. To highlight a range of text, double-tap a word, then drag the highlight markers to highlight the text you want.
Copying and cutting text	Highlight the desired text, then tap CUT or COPY in the pop-up menu above the highlighted text.

NOTE Enable the Path input setting to use this feature.	
Swipe your finger through all of the letters of the word you want to automatically enter it (instead of tapping each letter separately).	Path input text entry
Touch and hold the Voice input button 1 , then drag your finger to the ClipTray icon 1 or the Settings icon 1 (in the pop-up that appears).	Accessing the Clip Tray and keyboard settings
Tap the Delete button ⋈ .	Delete a character
Tap the location where you want to paste the text, then tap the marker •. Tap PASTE in the action box that appears (or tap CLIPTRAY to paste text you copied from other places).	Paste cut or copied text
	Typing tips

Text input settings

the pointer reaction time and more. See the Settings section for more setting multiple languages and how it reacts), set Google voice settings, set used, tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square information about the keyboard settings. language for your phone's software, set your keyboard input (including your voice search and text-to-speech output preferences, as well as the set > Settings > Language & input. From this menu you can change the To change your text input settings and see the dictionary of terms you've

Languages

multiple languages used for the on-screen keyboard You can set only one default language for your phone, but you can set

To change the default language

Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \bigcirc > Settings > Language & input > Language > tap the language you want.

To add additional languages for your keyboard

Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \square > checkmark the languages you want the keyboard to be able to use Settings > Language & input > LG Keyboard > Select languages, then

Capturing a Screenshot

at the same time for 2 seconds to capture a screenshot of the current Press and hold the Volume Down button 🗄 and the Power/Lock button 🦳

Screenshots album.

Using Capture+ to capture a screenshot

the Capture+ icon 🗔 (in the Quick settings bar). The image is captured, but not saved until you tap the **Done** icon \checkmark . 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

Viol O	Specific	In cal
Video call	Speakerphone on	all
	-5/-) ₹
	Microphone muted	Missed call

Sound icons

▼ Mu	ı∏ı Vib	• Do
Vlusic playing	Vibrate mode	Do not disturb - Priority only
	/	•
Music paused	Silent mode	Do not disturb - Total silence

Network icons

S	•	?	⇒ 1)	<u></u> ×	₹	÷	÷G
App update successful	GPS on	Unknown SIM card	Network Extender	No signal	Wi-Fi connected	4G LTE connected	3G connected
 		+	×	\triangleright	-	†↓ 39h	35
▶ Downloading	App update available	Airplane mode	No SIM card	Roaming	Signal strength	4G LTE in use	3G in use

	+
Emergency Alert	Uploading
	K
	Download successful

Connectivity icons

•			₩	₩	• [
	nternal storage full	Headset connected	¾I Bluetooth headset full battery	Bluetooth connected	♣ USB connected
	D	*	*		((d))
connected	Headset with microphone	★I Bluetooth headset low battery	Bluetooth on	USB debugging mode	(中) Mobile Hotspot on

Email and Messaging icons

į	90		@
Message not sent	New voice mail	New message	New email
	(P)	•	New Gmail message
	Email not sent	New Verizon message	

Calendar and Alarm icons

(E),	
Alarm set	
iii Up	
ocoming events	
	Alarm set

Battery icons

X		
Not Charging	Low battery	Full battery
	•===	7
	Empty battery	Charging battery

Other icons

	A
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 When you receive a notification, the notification icon will be displayed in the recent notifications. Depending on your settings, you may hear a Status Bar. You can open the Notifications panel to view a list of all of your Notification icons report the arrival of new messages, calendar events

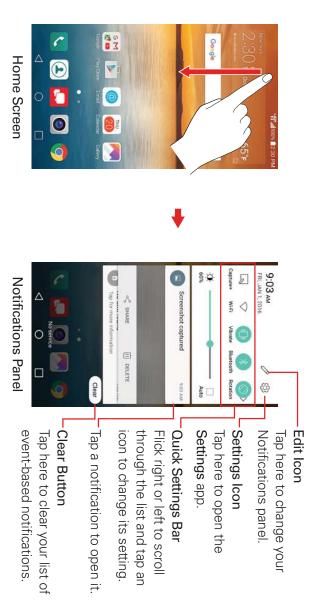
To open the Notifications panel

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

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

NOTE

Settings icon (3). You can also access the complete Settings menu from this panel by tapping the



To respond to a notification

- Open the Notifications panel. Your current notifications are listed in the panel, each with a brief description.
- 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

individual settings for Brightness and Volume, as well as a shortcut for File commonly used settings. You can include a Quick settings bar of icons You can customize your Notifications panel to allow quick access to change

Customizing your Notifications panel

well as which icons are displayed and enable/disable the individual settings You can set the order of the icons displayed in the Quick settings bar as

- Open the Notifications panel, then tap the **Edit** icon \mathscr{O} . The top white screen enable or disable the individual settings holds all of the available icons. The checkboxes at the bottom of the section indicates your Quick settings bar icons. The lower gray section
- 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.
- Checkmark each of the individual settings you want to appear in your Notifications panel
- 5 Tap the **Back button** \triangleleft 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 \bigcirc > touch and hold the Recent apps button \bigcirc > Lock screen settings
- 2. Tap Select screen lock.
- Tap Swipe, Knock Code, Pattern, PIN, or Password

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

tap DONE. Tap your sequence again and tap CONFIRM. screen's 2x2 grid. (When the screen is in timeout, the 2x2 grid is how to create it. Tap a sequence on the 2x2 grid (from 6 to 8 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

Knock Code unlock sequence. You're prompted to create a Backup PIN as a safety measure in case you forget your

instructions on how to create it. Draw your pattern (connect at least 4 dots) and tap NEXT. Then redraw your pattern and tap CONFIRM The first time you set an unlock pattern, you'll see a tutorial with 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

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

Fingerprint security

settings lock, your stored fingerprint will be deleted from your phone's memory. add a fingerprint. If you switch between a secure and non-secure screen Switching to a non-secure screen lock turns off the Fingerprints & security When you set a secure screen lock for the first time, you'll be prompted to

Changing Your Screen Lock

- Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \bigcirc > Lock screen settings
- Tap Select screen lock.
- 3. Confirm your unlock information (if necessary).
- 4. Tap the desired screen lock option.
- You're prompted to enter your screen unlock sequence (and Backup PIN, if necessary).

NOTES

- If you've set up a Microsoft Exchange account, you might only be able to use a
- After 5 unsuccessful attempts to unlock your phone, you're prompted to enter a your Backup PIN to unlock your phone. text phrase to confirm that you're trying to unlock your phone, unless you've set a Knock Code. After 6 unsuccessful Knock Code attempts, you're prompted to enter
- attempts, your phone will automatically perform a factory data reset and all of your You have 10 opportunities to enter your unlock sequence. After 10 unsuccessful personal files will be erased. You will be warned after the 9th unsuccessful

Security lock timer

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

- Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \bigcirc > Lock screen settings
- 2 Tap Security lock timer, then tap the setting you want to use

Power button 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 > touch and hold the **Recent apps button** \bigcirc > Lock screen settings
- 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 > touch and hold the **Recent apps button** \bigcirc > Lock screen settings
- 2. Tap Wallpaper.
- Tap Wallpaper gallery to select one of the available wallpaper images.
- Tap Gallery to select an image from your Gallery.

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** I 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 of your fingerprint

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

stored fingerprints, enable screen unlock with your fingerprint, enable Tap Fingerprints, then enter your unlock sequence to manage your 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

Tap Content lock, then enter your unlock sequence (if necessary) to enable secure access to your locked QuickMemo+ content.

Dual Window

and drop interaction, auto-linking, and recently used apps. The Dual window function splits the screen to enable multi-tasking, drag

To activate the Dual window function

- Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \bigcirc > Settings > Dual window.
- 2. Tap the **Dual window** switch to toggle it On (blue)
- Activate the Auto-open option to automatically open the Dual window attachment. function when you tap a link on the full screen or tap an email image

Using the Dual window function

	-
to split the screen.	Tap the Home button \bigcirc > the Recent apps button \bigcirc > Dual window
	\circ
	V
	the Rece
	'nt
	apps
	button
	V
	Dual
	window

- **TIPS** While viewing an app, you can tap the **Recent apps button** $\square >$ **Dual window** to automatically set that app in the top window, then select the second app
- While viewing the Recent Apps screen, tap the **Dual window** icon 🔁 on an open and select the second app. tab's titlebar to automatically set that tab in the top window, then tap Dual window
- window at the top of the screen. The second app opens in the bottom Tap the app icon you want to use. The first app you tap opens in window.
- Tap a window to select and use it
- A blue box appears around the selected window with a blue semicircle handle between the windows.
- Drag the blue handle to change the window sizes (one larger and one
- Tap the blue handle (a) to access the Dual window options
- ▶ Tap the **Swap** icon (a) to switch (flip) the app positions
- Tap the View app list icon to redisplay the apps list so you can change the app for the selected window.

- ▶ Tap the Open full screen 🥝 icon to open the selected app in full return to Dual window. screen. Drag the blue handle (or tap the Close full screen 🎓 icon) to
- ▶ Tap the Close icon 🗙 to close the selected window.

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 emul 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 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 «

9

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 ... V Share.

Tap Bluetooth to share via Bluetooth.

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

Search for and pair with a Bluetooth-enabled device

Content Sharing

Viewing content

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

- Tap the Home Button $\bigcirc >$ Settings 🔯 > Share & connect > Media server.
- Tap e 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 or receiving files

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

Tap the Home Button 🔾 > Settings 🔯 > Share & connect > 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

Sending files to another device

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

Using nearby devices

device from your device You can play music, games, and other functions saved on a connected

- From the Gallery or Music app, tap the app's Menu icon devices 仇. > 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.

PC Connections with a USB Cable

the PC from the phone (and vice versa). You can connect your phone to your PC to charge it and transfer items to

Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC

Use the USB cable to connect the phone to a PC on which Windows Media Player has been installed.

NOTE If necessary, change the USB connection setting to File transfer

- 2. When connected, a pop-up window will appear on the PC. Select the Windows Media Player option to synchronize music files
- ω Edit or enter your device's name in the pop-up window (if necessary).
- Select and drag music files to the sync list.
- 5. Start synchronization.

NOTE Change the USB connection setting to Charging only before disconnecting your

The following requirements must be satisfied to synchronize with Windows Media Player.

Windows Media Player version	OS	ltem
Windows Media Player 10 or higher	Microsoft Windows XP SP2, Vista or higher	Requirements

Users PC Connections with a USB Cable for Mac OS X

vice versa by setting up the Android File Transfer program. You can transfer media contents to your Mac OS X PC from the phone and

- Download and install the Android File Transfer program from the android. com website for Mac Users (http://www.android.com/ filetransfer/).
- 2. Connect your phone to your computer, and double click the AFT (Android File Transfer program) application to start it up.
- ω from the phone (or PC). You can view media contents, then drag and drop media files to and

Placing and Ending Calls

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

To open the Phone app

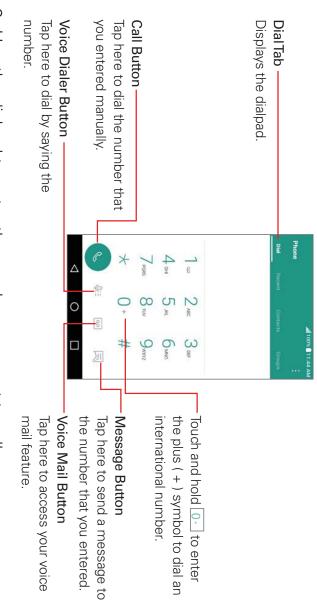
Tap the Home button ○ > the Phone icon

Moving between the Phone app tabs

horizontally to scroll to the other tabs. The current tab is displayed in white top of the screen to view that tab. You can also swipe the screen 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 ⟨x⟩ to erase digits one by one (or touch and hold

- by the full phone number. To dial an international number, touch and hold [0] 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

call notification (tap the notification to return to the Call screen instead) Notifications panel to end the call. To return to the Call screen, simply tap the the Status Bar down to open the Notifications panel, then tap End call in the Current 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 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 Current call notification on the Notifications panel (or just tap END CALL in the Current call notification).

NOTE

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** \(\bigcup \) to end the call, if you activated this

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** \bigcirc > the **Phone** icon \bigcirc > **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

To 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 and hold Direct dial and drag it to the desired location on the Home
- Tap the contact in your Contacts list.

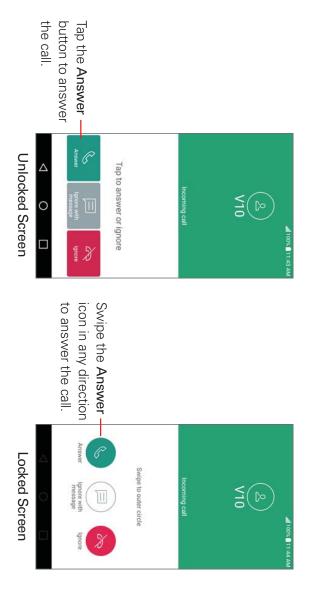
Answering or Rejecting Calls

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

To answer a call

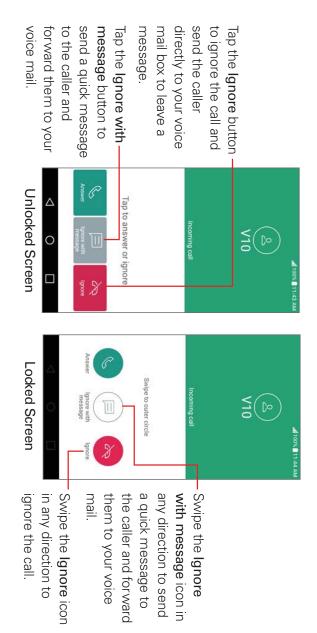
- ▶ If the screen is unlocked, simply tap the **Answer** button _____
- If the screen is locked, swipe the **Answer** icon (in any direction to answer the call.
- If you were already on a call, tap the Answer button which places the first call on hold and connects the new call.

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



To ignore a call and divert it to Voice Mail

- ▶ If the screen is unlocked, simply tap the **Ignore** button
- If the screen is locked, swipe the **Ignore** icon on in any direction to ignore the call.
- The caller is sent directly to your voice mail box to leave a message



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 < > the **Menu** icon : > Call settings
- toggle it On (blue). Tap the Call ignore and reject > Allow ignore with message switch to
- Tap Allow ignore with message to manage your text message choices

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

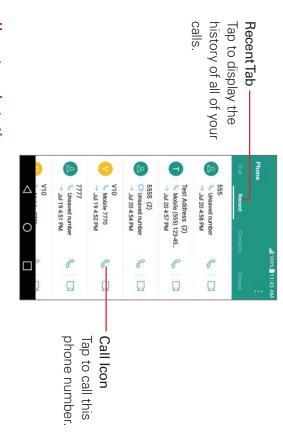
Working with the Recent Tab

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 \bigcirc > the **Recent** tab, if necessary.

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 📙 , then

Tap the **Back button** \triangleleft 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 call number in the context menu. Change to the Dial tab, touch and hold the the Call button 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.

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

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 **Contacts** Icon 🕞
- 2. Tap the contact you want to call, then tap the contact's phone number you want to call.
- If the entry only has one phone number saved, simply tap the Call icon & the entry to dial it.

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

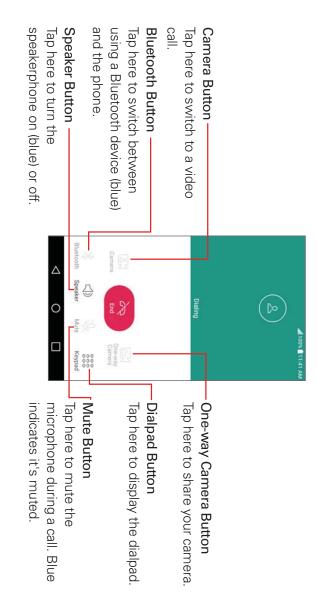
Sequence matches

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

place your current call on hold and connect with the other call. When you have more than one active call, tap the Swap calls button to



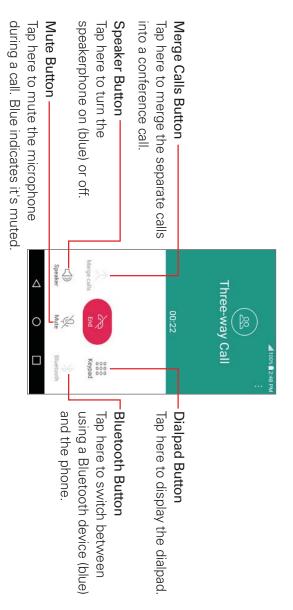
To set up a conference call

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

- 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 R

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



Listening to Your Voice Mail

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

To listen to your Voice Mail

Open the Notifications panel and tap the New voice mail notification.

Tap the **Home button** O > swipe left, if necessary > tap the **Verizon** folder > Voice Mail •

2

Tap the **Home button** ○ > the **Phone** icon **** > the **Dial** tab > the **Voice** Mail button [60].

To set up your Voice Mail

a password, etc mail, it also guides you through the process of recording greetings, setting listening to and managing your voice mail. The first time you call your voice Typically, your carrier's voice mail 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 voice mailbox
- 3. Follow the setup tutorial.
- Enter a password
- Record a voice signature and greetings for your voice mailbox.

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 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

- icon 🕞 Tap the **Home button** \bigcirc > swipe left, if necessary > tap the **Contacts**
- Tap In Case of Emergency contacts (at the top of the list)
- 3. Tap the Add entry icon 🛵
- Checkmark the entry (or entries) to add to your ICE list, then tap DONE

ICE Information

your personal information: instructions, etc.) that can be accessed in case of an emergency. To add 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
- 2. Tap the Add icon +, enter your information, then tap SAVE

To search for a contact

- Tap the **Home button** \bigcirc > swipe left, if necessary > tap the **Contacts** icon
- 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

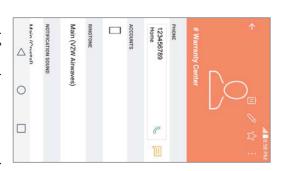
Open the Contacts app and tap the Groups tab.

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

Contacts settings. Tap the Menu icon 🔡 from the Groups tab to access Share, Change order, and

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 @ starts an email.
- Forward, Merge, Refresh, Back up, Add to Home screen, and All The Menu icon accesses the following menu options: Share, calls to voice mail.

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

attempts to join new information with existing similar contact entries to or separating entries create a single entry. You can also manage that process manually by joining 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
- if necessary. Tap the Accounts field to select the where you want to save the contact,

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.
- ر ان 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 Add icon to add more than one entry for that example, Home, Work or Other for a phone number. entered information to open a drop-down menu of preset labels. For number and add a home number. Tap the label field to the right of the category. For example, in the phone number category, enter a work
- name, Organization, IM, Notes, Nickname, Website, and Events. Tap Add another field • to add additional fields including Phonetic
- 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
- 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
- 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 : > **Manage contacts**.
- 3. Tap Merge.
- Tap an entry under Suggested contacts

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 i, then tap **Separate**.
- 3. Tap SEPARATE.

Setting 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 > Transfer type To set the transfer type, from the **Contacts** app, tap the **Menu** icon

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

Messaging

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

To open the Messaging app

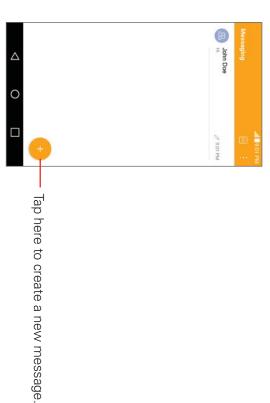
Tap the **Home button** \bigcirc > swipe left, if necessary > tap the **LG folder** > Messaging

Using the Messaging app

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

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

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



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

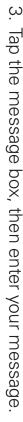
NOTE Pinch in (or spread apart) on your list of messages to resize it for easier viewing or navigation.

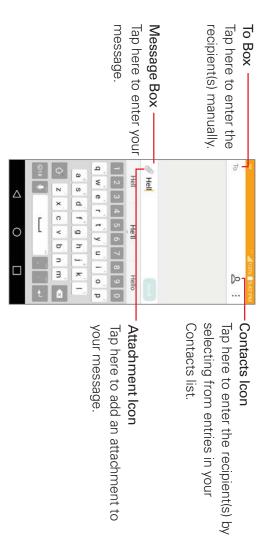
To delete a message thread from the Messaging window

- 1. Touch and hold the message thread.
- 2. Tap **Delete** in the context menu that opens.
- 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 \triangle , 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.





automatically saved as a draft. The **Draft** icon $\mathscr O$ on the right side of the 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

4 creating a message thread with that contact. Tap the **Send** button to send the message 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.
- Tap the **Contacts** icon 2, select one or more entries from your Contacts list, then tap **DONE**
- 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.
- ω Tap the message box, then enter your message
- The subject text appears above the body text in bold letters. Tap the **Menu** icon : > Add subject to add a message subject.

5. Tap the Attachment icon 🥔 to 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 igotimes on the attached file

Tap the Send MMS button.

Receiving and viewing messages

notification based on the Show pop-ups for new messages setting. that contact are displayed. Otherwise, you'll receive a new message If you're working in a message window, messages that you receive from

- If the Show pop-ups for new messages switch is set to ON, you'll directly reply. receive a pop-up notification on the current screen which you can use to
- If the Show pop-ups for new messages switch is set to OFF, the notification will only be displayed in the Notification panel.

If the Auto-retrieve switch isn't enabled, tap Download to view the full

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

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

To respond to messages you receive

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

Yahoo! Mail, AOL Mail, Verizon, and other accounts The following account types are supported: Microsoft Exchange, Outlook, The **Email** app allows you to read email from services other than Gmail™

To open the Email app

▶ Tap the **Home button** ○ > swipe left, if necessary > tap **Email** ◎

contents of your Inbox. add an email account. After the initial setup, the Email app displays the 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 **=** 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
- folders. Tap the Email Menu icon ≡ to switch between your email accounts and
- Touch and hold a message, then you can tap MARK AS READ/UNREAD, **MOVE TO,** or **DELETE**. You can also tap the **Select all** icon \square to select all of your messages at once, then tap the action to apply to all of them
- Swipe a message off the screen to the left or right to delete the message.
- ▼ Tap the Menu icon : OSlide, 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. Iap a message entry to open it. You can read your email from the Inbox, or from other folders within each

format when the phone is held horizontally. Your Inbox (or any other selected folder) is displayed on the left side of the screen. Tap an email to open and display its 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: Then, configure the new email account settings as necessary > Settings > Add account.

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

sync, Email sync period, Message size limit, Message format, Autoaccount including Account name, Signature, Edit signature, Notifications, settings, Calendar sync period, Corporate directory, and Server info. download attachments, Always Cc/Bcc me, Out of office, Security Notification sound, Vibrate, Auto-sync email, Sync schedule, Folders to Tap an account in the list to modify the settings that apply only to that

Voice Mail

phone rather than accessing voice mail via traditional methods The Voice Mail app allows the management of voice mail 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 Voice Mail can display a list of your messages allowing you to choose which

To be able to use Voice Mail

Tap the **Home button** \bigcirc > swipe left, if necessary > tap the **Verizon** folder \bigcirc > **Voice Mail** \bigcirc .

on the dialpad, and you've subscribed to the Visual Voice Mail service, the Visual subscription to the Visual Voice Mail service. When you tap the Voice Mail button 📾 Listening to voice mail and setting up your voice mail service depends on Voice Mail app will be launched.

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

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

5. Tap a voice mail entry to listen to it.

Camera

video feature is integrated on the camera viewfinder to take pictures and creatively capture your world. recording video, and much more. These features will allow you to easily and gesture shots, interval shots, burst shots, still photo capture while record video with a single tap. It has many state-of-the-art features such as You can use the Camera app to take and share pictures and videos. The

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

To open the Camera app

Tap the Home button O > Camera

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From any Lock screen except Swipe, drag the Camera icon at the lower-right corner to the left.

activate the Camera app. With the backlight off, press the Volume Down button - twice to immediately

- NOTES If the battery level is lower than 5%, charge the battery before using the camera.
- Before taking a photo, wipe the camera lens with a microfiber cloth. If your finger comes into contact with the camera lens, you may get blurry photos
- 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.

Switching between cameras

You can switch between using the front and rear camera

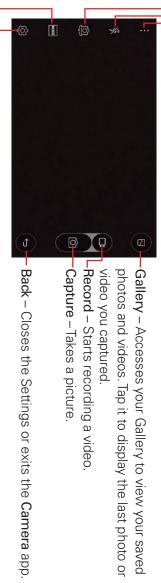
switch between the front and rear camera. On the camera screen, tap the **Lens Swap** icon 🗐 or swipe the screen to

The viewfinder

modes and options that you set directly on the camera's viewfinder. You can take photos or record videos by selecting a variety of camera

Flash – Indicates the current flash mode. Tap it to toggle through the flash modes Lens Swap – Switches between the rear-facing camera lens and the front-facing camera lens.

Menu – Displays or hides the Camera viewfinder icons.



See Configuring camera settings for the selected lens.

See Configuring camera settings options.

want the picture taken. The current selection is blue. Shot Mode – Displays the shot modes (Auto and Panorama) which allows you to set how you

NOTE

and hold the Recent apps button \(\subseteq > \text{Settings} > \text{Shortcut keys.} \) **Down button** Twice. To activate this function, tap the **Home button** O > touch When the screen is turned off or locked, start the camera by pressing the Volume

Recording a video

- Start the Camera app and tap the subject to focus the camera on.
- ▶ 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 \(\bigcup \) to end the recording.

Configuring camera settings options

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

Start the **Camera** app and tap the **Settings** icon 🔆

NOTE

Available options vary, depending on the selected camera lens.

16:9	Select an aspect ratio for photos or a picture quality for videos.
	Applies film effects to your photos.
OFF	Set the timer to automatically take photos after a specified period of time.
-\ OFF	Take photos with voice commands. (Available choices: cheese, smile, whisky, kimchi, LG)
	Display guide grids so that you can take photos or record videos based on the horizontal and vertical reference lines.
\ / \	Set the location where you want to save photos and videos. These options appear when an external microSD card is inserted. Save to the internal storage. Save to the external storage.
59/5B	Flip images. These options appear when using the front camera. 인신 : Do not flip the image. 인당 : Flip the image horizontally.
[.5.]/[]	Customize the selfie-taking settings. These options appear when using the front camera. [إש]: Use Gesture Shot to take a picture. [[יַיַ] : A picture will automatically be taken when the camera detects your face.

Taking Pictures

to acheive precisely the photo you want. take a picture, the Auto-focus (AF) function operates automatically to allow choosing a subject, pointing the lens, and tapping a button icon. When you you to capture a clear image, but you have the option to set settings options Taking pictures with your phone's built-in camera can be as simple as

To take a picture:

- 1. Tap the Home button $\bigcirc >$ Camera \boxed{ullet}
- 2. Frame your subject on the screen.
- The green square indicate that the camera has focused
- Place two fingers on the screen and spread them apart to zoom in (a zoom bar indicates the zoom level) and pinch in to zoom back out.
- Tap the Capture button [O], if available. You can also press either of the picture will be automatically saved to the Gallery. **Volume Buttons**. Otherwise, tap the subject to take the picture. Your
- NOTE phone both vertically and horizontally to take pictures, you'll need to rotate the phone to view full screen images in the Gallery app. The captured image retains the orientation in which it was taken. If you hold the
- While viewing a photo, you can tap the Menu icon :, tap Rotate, then tap Rotate left (or Rotate right) to manually change its orientation.

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Burst shots

display each shot in sequence (similar to viewing a flipbook). When viewing Burst shots in the Gallery, tap the Burst play icon button O is released. The Gallery icon displays the number of shots taken. Capture button O to take a barrage of photos in a row until the Capture You can take Burst shots using the camera's rear lens. Touch and hold the

Taking selfies

selfies using face detection or gestures. selfies. Tap the Capture button [6] to manually take your selfies or take You can use the front camera to view your face on the screen and take

When using the front camera, the camera settings options allow you to change how selfies are taken.

Interval shot

in a row. Capture button [O] for a couple of seconds to automatically take four selfies You can take Interval shots from the camera's front lens. Touch and hold the

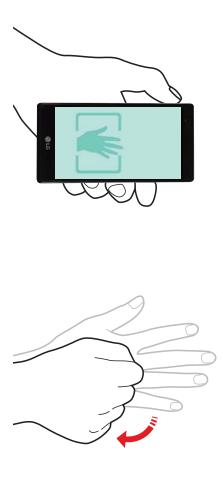


Gesture shot

selected in the camera settings. To use this function, make sure that the **Gesture shot** icon [♠] is selected in the camera settings options. You can take selfies by using gestures when the $\mathbf{Gesture}\ \mathbf{shot}\ \mathsf{icon}\left[^{ ext{@}}
ight]$ is

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

▶ In three seconds, a photo is taken.



NOTE

- An alternative way to take gesture shots is to clench your fist and then open it towards the front camera.
- Make sure that your palm and fist are within the gesture reference area so that the camera can detect them.

Auto shot

front camera will detect your face and take a selfie automatically. conveniently. If you activate this feature, when you look at the screen, the The face detection feature automatically takes your selfies easily and

When the front camera detects your face, the frame turns white. Then if photo. you stop moving, the frame turns blue and the front camera takes a

NOTE

To activate the auto-selfie feature, tap the **Settings** icon $\{\widetilde{Q}\}$, then tap the **Gesture shot** icon $[\mathbb{C}]$ until the **Auto shot** icon $[\mathbb{C}]$ appears.

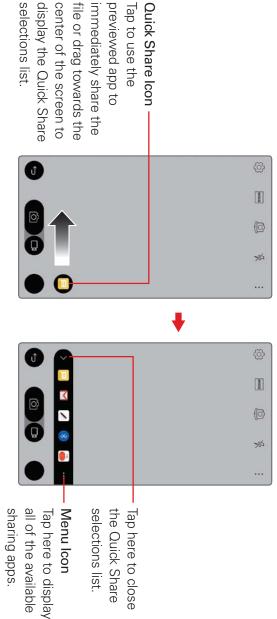


Quick Share

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

- video. Tap the **Home button** \bigcirc > **Camera** $\boxed{\bullet}$, then take a photo or record a
- 5 the available sharing apps. open its app and use it to share your photo or video. You can also swipe Tap the Quick Share icon that appears on the screen to immediately selections list of your other frequently used sharing apps. You can also the icon towards the center of the screen to display the Quick Share tap the Menu icon : (in the Quick Share selections list) to display all of

NOTE use of the apps installed on your device. For example, if you frequently use the The apps displayed in the Quick Share selections list may vary depending on your Messaging app, it will appear as the first Quick Share selection choice



Gallery

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

To open the Gallery app

Tap the Home button ○ > Gallery ►



Viewing your albums

creates an album to contain the picture (e.g., capturing a screenshot inserted and mounted). When another app saves a picture, it automatically downloaded from the web or other locations, and on your microSD card (if creates the **Screenshots** album). phone, including those you've taken with the **Camera** app, those you The Gallery app presents all of the pictures and videos stored in your

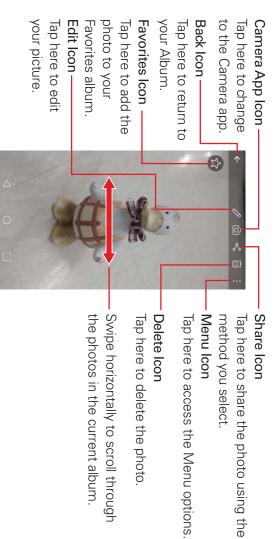
- Drag up or down to view more albums
- Tap an album to open it and view its contents (in chronological order).
- Tap a picture or video in an album to view it.
- Tap the Menu icon : to access New album, Set preferred albums, Cloud, Settings, and Help.
- Tap the Camera icon 📵 to return to the Camera app
- Tap the Gallery Menu icon ≡ to open the Gallery's Menu to access Albums, Videos, Favorites, and Nearby devices

Sharing files

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

- ▶ On the photo or video screen, tap the **Share** icon **<** to share the file by using the method you select.
- Tap the **Share** icon **⋄** from the file list to select a file and share the file by using the method you select.

Viewing photos

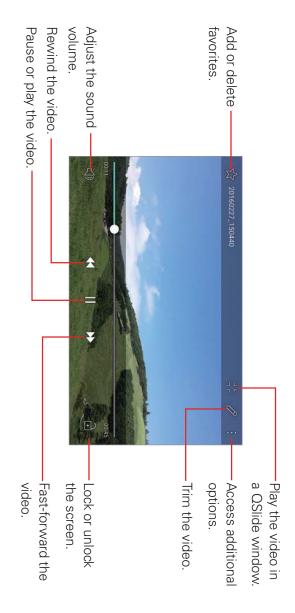


Editing photos

- 1. While viewing a photo, tap the **Edit** icon \nearrow .
- 2. Use a variety of effects and tools to edit the photo.
- 3. Tap the **Done** icon \checkmark to apply your changes.
- 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 ... ٧ Save

Playing a video

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



NOTES

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

Deleting files

You can delete a file by using one of the following options:

- Touch and hold a file in an album, then tap Delete, then tap DELETE to confirm.
- then tap **DELETE** to confirm. Tap the **Delete** icon 🔟 in an album, select a file (or files), tap **DELETE**,

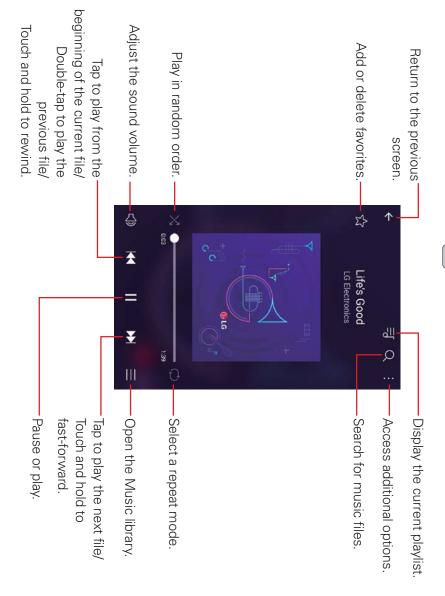
Assign Pictures

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

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

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 > tap the LG folder □ > Music □
- Select a category.
- Tap the song you want to play.

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- the screen. hold the letter the song begins with using the alphabet listed along the right side of To find a song, you can tap the **Search** icon \mathbb{Q} at the top of the screen or touch and
- NOTE Tap the Music Menu icon 📰 to select your music file access. Select from Music library, Favorites, Playlists, Folders, and Nearby devices.

Other Music player options

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

NOTES

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

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

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 **OK**
- 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 **=**, then tap the playlist you want.
- 2. Touch and hold the song you want to remove, then tap Delete in the context menu that appears.
- 3. Tap **DELETE** to confirm.

To delete a playlist

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

To rename a playlist

- 1. Open your Playlists using the Music Menu icon \equiv
- 2. Touch and hold the playlist, then tap Rename in the context menu that appears.
- 3. Enter a name, then tap **OK**.

Pen Pop

create a memo. Pull the pen out and Pen Pop opens The Pen Pop feature allows you to quickly and easily access options to

Setting up Pen Pop

Tap the Home button $\bigcirc >$ Settings >Pen \bigcirc

Pen Pop options

- ▶ (▲): Hide/display the Pen Pop options
- ▶ **(g**): Open the Pop Memo to write a memo.
-): Open the Capture+ and use the current screen image in a memo.
- it in a memo.
- : Open the QuickMemo+ and view current memos
- Add a shortcut to the app of your choice.

NOTE

Pop options. You can change the personalized shortcut by touching and holding icon in the Pen

Capture+

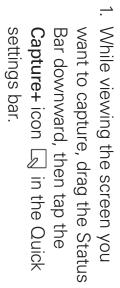
shot and use it to write a memo. Capture+ is a memo-writing feature that allows you to capture a screen

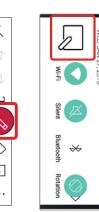
NOTE

selected, it remains set until you change it back to the screen background You can also change your memo's background to plain paper. Once plain paper is

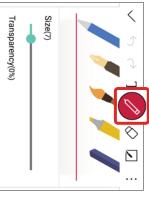
To access the Capture+ feature







3:27 PM



2. Select the desired tool from the toolbar (**Pen type, Color, Eraser,** etc.). Then create a memo using a fingertip to draw or erase pen marks (don't use your fingernail or any other rigid object).



3. Tap the **Done** icon ✓ to save the memo or tap the **Back button** ✓ to exit. If you exit without saving your memo, whatever you've drawn will appear the next time you access **Capture+**.

NOTE

toolbar options Tap the toolbar handle ^ (at the top of the screen) to display or hide the Capture+

Using Capture+ toolbar options

The following toolbar options are available when using Capture+.

>		N	\Diamond		Т	\downarrow	Ĵ	<
Tap to hide or display the toolbar.	Tap to access the options menu. From a basic memo, choose from Share and Paper style . From a memo with text, choose from Delete , Insert , Share , Change category , Lock , Paper style , and QSlide .	From a basic memo, the Slice tool allows you to surround part of your memo, then tap the Text tool $ T $ which will automatically paste only that part into a new QuickMemo+ page.	Tap to erase pen marks you've made on the memo.	Tap to select the pen type, size, color, and transparency.	Tap to insert text into your memo, add reminders, and more.	Tap to redo the most recently deleted action.	Tap to undo the most recent action.	Tap to save your memo. Choose QuickMemo+ or Gallery. NOTE If you save it to QuickMemo+, you can edit your memo from the QuickMemo+ app later.

Viewing saved memos

Tap the **Home button** O.

Tap **Gallery** > the **Capture+** album, then tap the desired memo.

9

Swipe to the left > QuickMemo+ ∠, then tap the desired memo.

Capturing a screen shot

Power/Lock button ___ and the Volume Down button at the same time. Screenshots album. The captured image is automatically saved in the Gallery app in the To capture a screen shot without the Capture+ feature, press both the

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

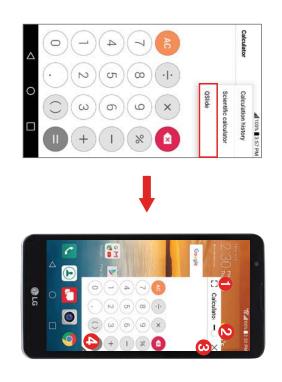
- While using an app that supports QSlide, tap the Menu icon QSlide. , then tap
- You can add QSlide to the Home touch buttons bar to allow you to easily use QSlide.



- Tap the Home Button $\bigcirc >$ swipe left, if necessary > Settings > >Display > Home touch buttons > Button combination.
- 2 Drag the **QSlide** icon **#** 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



•	<u>&</u>	2	•
	×		
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

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

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

- 1. Tap the **Home button** O >swipe left, if necessary >tap the **Tools** folder $\mathbb{H}_{\mathbf{b}} > \mathsf{tap} \; \mathsf{Clock} \left[< > \mathsf{the} \; \mathsf{Alarm} \; \mathsf{tab} > \mathsf{the} \; \mathsf{Add} \; \mathsf{icon} \; \oplus \right]$
- 2 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, Enter memo text, Auto-start app, and Puzzle lock.

Tap the Calendar icon i to set a specific day in the future for your alarm

4. Tap SAVE.

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

Activating your alarm(s)

- 1. 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

NOTE 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

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

TE A network connection is necessary to search for cities

IImer

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.
- 4. Tap the **Stop** button to stop the timer.

Stopwatch

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

- 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
- Tap the Stop button to stop timing.

Calculator

Using your calculator

- Tap the **Home button** O > swipe left, if necessary > tap the **Tools** folder > Calculator $\stackrel{+}{\times}$
- 2. Tap the number buttons to enter numbers.
- ω For simple calculations, tap the numbers and function (+,-) or \div), then tap the **Result** button .

NOTES

- For more complex calculations, you can switch to the Scientific calculator. Simply rotate the phone sideways, or tap the Menu icon : then tap Scientific calculator
- To view the calculation history, tap the Menu icon : then tap Calculation history
- To use the calculator in the \mathbf{QSlide} function, tap the \mathbf{Menu} icon \div then tap
- You can touch and hold the calculation field to copy its information to your Clip Tray.

Calendar

Viewing your calendar and events

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

your Google Account on the web Calendar app on your phone, it displays any existing calendar events from 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

Adding an event to your calendar

- Tap the Home button O > swipe left, if necessary > tap Calendar
- 2. Tap the **Calendar Menu** icon |≡| to change the calendar view (Day, Week, Month, Year, or Agenda), if necessary.
- Tap the date (or the time in the day calendar view) you want to add an event to and tap the **New event** icon **.**
- 4. Enter the event name.
- <u>ज</u> Tap the **Location** field and enter the location. Check the date and enter the time you wish your event to start and finish.
- 6. Enable the All day switch, if applicable
- until, Guests, Description, Show me as, and Privacy, as necessary. Tap More to enter additional options such as Reminders, Repeat, Repeat
- 8. Tap **SAVE** to save the event in the calendar.

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

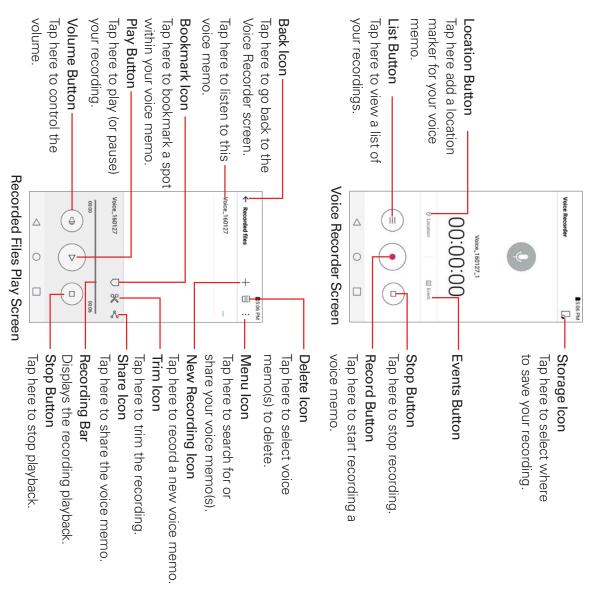
- 1. Open the Calendar app.
- 2. Tap the **Menu** icon 📱 , then tap **QSlide** to display the month Calendar in a QSlide window.
- Swipe left and right to scroll through the months.
- Tap a date to view the events for that day in your day calendar.

Voice Recorder

sound effects that you can attach to a message. you about something you don't want to forget (like a grocery list) or record The Voice Recorder app records audible files. Use them to simply remind

Record a voice memo

- Tap the **Home button** \bigcirc > swipe left, if necessary > tap the **Tools** folder > Voice Recorder
- 5 microphone. Tap the Record button (ullet) to start recording, then speak into the
- $\dot{\omega}$ When you're finished, tap the **Stop** button (a). The recording is automatically saved to your recordings list



Play a voice memo

- Tap the Home button O > swipe left, if necessary > tap the Tools folder 🎳 > Voice Recorder 🖖.
- Tap the **List** button (≡).
- ω Tap the voice memo you want to play.
- Use the following options while listening to a voice memo
- Tap the Pause button () to pause the recording
- Tap the Stop button (a) to end the playback and return to the Recorded files list screen.
- Tap the Volume button (a) to increase or decrease the volume It also allows you to modify all phone volumes
- Tap on the recording bar to listen to a specific part of the recording
- can jump directly to that spot when you play the recording Tap the **Bookmark** icon \Box to mark a place within the recording so you
- Tap the **Trim** icon **%** to trim away segments at the beginning or end of the recording.
- Tap the **Share** icon ≪ to share the voice memo using the available choices

NOTE Voice memos with bookmarks can't be shared.

Managing your voice memos

From the Recorded files list screen:

- Tap the Menu icon: Tap Share, select the file(s), tap SHARE, then complete the sharing method as necessary.
- Touch and hold a voice memo to open a context menu to select Delete, Rename, or Details

File Manager

internal storage file folders are displayed. To access the file(s) you want, within each folder), or enter search text by tapping the **Search** icon Q. manually browse by tapping any folder icon (and subsequent folder icons 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 app

👪 > File Manager 🦳 Tap the $\operatorname{\sf Home}$ $\operatorname{\sf button}$ $\operatorname{\sf O}$ > $\operatorname{\sf swipe}$ left, if necessary > tap the $\operatorname{\sf Tools}$ folder

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.
- 面: Allows you to select folders or files to delete
- : Allows you to access New folder, Move, Copy, Share, Zip, View as, Sort by, Show/Hide hidden files, SD card settings, and QSlide.

Searching in File Manager

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

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 account when you initially set up your device). If you do not have a Google refer to the Help text in the app. 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

accessible from apps can be accessed from anywhere, including online and offline environments 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

Hangouts

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 Watch 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

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 🌣

OR

- Tap the **Home button** \bigcirc > touch and hold the **Recent apps button** \bigcirc > Settings.
- tap to open the Settings app. The upper-right corner of the Notifications panel also has a Settings icon 🔯 that you can

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

NOTE 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

会 Airplane mode

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

■ Wi-Fi

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 notifications 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

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

Stylo 2 V 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.

((p)) Mobile Hotspot

as a mobile hotspot for other devices to use your mobile network connection. Tap Mobile Hotspot to manage its settings Tap its switch 🖭 🧪 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

Timeout Allows you to set when to turn off your hotspot

CONNECTED DEVICES

Displays all connected devices.

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

Data usage

connection for data instead). from the mobile network to stop using mobile data and use a Wi-Fi network 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. Limit mobile data usage Enable this option so you can set the amount of that can be used during your cycle date. When that amount is reached

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

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

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.

runs in the background Restrict background data Checkmark this option to restrict the data that

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

hotspots. Turn on Wi-Fi and search, if necessary. Mobile hotspots Displays the networks that can be used as mobile

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

-- | Advanced Calling

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

Share & connect

DATA SHARE

LG devices or tablets. File sharing You can send and receive files between your device and other

when setting up your devices for beaming. Stylo 2 V Allows you to change your phone's name for easy identification

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

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

YOUR PHONE

Stylo 2 V Allows you to change your phone's name to easily identify it

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

NEARBY DEVICES

Allowed devices Displays the nearby devices that can access your

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

CONNECTION

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

PRINT SERVICES

manage your accounts, print jobs, and printers Cloud Print Allows you to view the list of available printers. Tap the **Menu** icon: to search for printers, add printers, and access settings to

additional printing apps Menu icon : To access 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.

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

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

NOTE accesses Always-on VPN. Tap the Menu icon: to access additional settings. From the Basic VPN screen, it

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

(3) Sound & notification

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

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

Vibration type Allows you to set the vibration pattern.

NOTIFICATIONS

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

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

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

notifications you select. Tap Notification light to set which notifications Notification light Enable this option to activate the LED light for the

ADVANCED SETTINGS

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

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

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



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

BASIC

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

strain. Once enabled set the level to your preference Reader mode Enable this option to set a blue light filter to reduce eye

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

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

change their color. bottom of all screens. You can add other buttons, move their positions, and Home touch buttons Allows you to set the buttons displayed at the

ADVANCED SETTINGS

sleeping while docked and/or charging. Tap Daydream to choose which screensaver and also change its settings Daydream Enable this option to activate a screensaver when your phone is



们 Home screen

GENERAL

Home screen 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 Select Home Allows you to set the layout for the Home screen. You can

STYLE

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

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

LAYOUT

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

Home screen. Hide apps Allows you to selectively hide apps from displaying on your

TIPS

Help Displays information regarding the Home screen items and functions.



ដ្រា 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 will remain unlocked Smart Lock Allows you to set trusted devices, places, face, voice, and/or

CUSTOMIZE

Wallpaper Allows you to set the background for your Lock screen

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

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

LOCK TIME

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

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



∯ Mini view

swipe left or right across the **Back button** \triangleleft , **Home button** \bigcirc , and **Recent** apps button . Shrinking the screen can make it easier to use the device with just one hand. Tap its switch to toggle it On or Off. On will shrink the screen when you



Pen

Configures options when the stylus pen is removed from its slot

PEN

automatically start when the pen is removed from the device. Choose from None, Pen Pop, and Pop Memo. Open when pen is removed Allows you to select which feature will

shortcut from the Pen Pop options icons Pen Pop shortcut Allows you to designate an app you can access as a

the screen is off and you remove the pen. Screen-off Memo Enable this option to allow you to create notes when

ALERTS

when the pen is removed or inserted Pen detection Enable this option to be notified by sound and/or vibration

the screen off and the pen removed. receive an audio and/or visual notification when the device is moved with Pen Keeper Enable this option to be reminded to replace the pen. You'll

Application manager

stop the app from running Tap an entry to view more information, tap **Stop** (or **Force stop**), then **OK** to

ြ Storage & USB

DEVICE STORAGE

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

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

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

☐ Battery

BATTERY INFORMATION

as a percentage The current amount of remaining battery charge is displayed as a graphic and

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

Help Displays help information for the Battery saver feature

☐ Dual window

Tap the switch at the top of its screen to toggle it On or Off

attachment. feature when you tap a link on the full screen or tap an email image Auto-open Enable this option to automatically open the Dual window

Help Displays help information about using the Dual window feature

PERSONAL

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

Cocation

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

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

Camera Enable this option to automatically tag photos and videos with their location as identified by your phone

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

scanning and/or Bluetooth scanning. From the Location screen, tap the Menu icon : > Scanning to enable Wi-Fi

manage your location. 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

from here Content lock Allows you to set a lock type (password or pattern) for your QuickMemo+ files. Once set, you can change it and backup your account

ENCRYPTION

device encryption is set. protect the data. It is possible to read, write and copy data even when Encrypt phone By default, data is encrypted before saving on the device to

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

security. Unlock the screen by entering the current unlock method, such as a Knock code, pattern, password, or PIN. Until the screen is unlocked, you cannnot receive most phone calls, text messages, alarms, notifications, and Secure start-up When you turn on the device, the screen is locked for

- NOTES If the password is entered incorrectly more than the specified 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 deactivate phone

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

apps that may cause harm to your phone Verify apps Enable this option to disallow or warn before installation of

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

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

credentials Clear credentials Deletes user added secure certificates and related

ADVANCED SETTINGS

Trust agents Allows you to view and selectively deactivate Trust agents

children to use your phone allows only the current app to be used. This is helpful when allowing Screen pin Tap the switch at the top of its screen to toggle it On or Off. On

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

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

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

Language Allows you to set the language for your phone's software

Spelling correction Tap the switch at the top of its screen to toggle it On or language you set. Off. On allows your phone to check spelling based on the spell check

Language Allows you to set the spell check language

On or Off. On allows spell checker to use entries from your Contacts list. Google Spell Checker Tap the Look up contact names option to toggle it

KEYBOARD & INPUT METHODS

Default Displays the name of the current keyboard

keyboard. Google Keyboard Allows you to change the settings for the Google

system language or designate active input methods **Languages** Allows you to enable the Google Keyboard to use your

preferences Preferences Allows you to personalize various Google Keyboard

next word suggestions suggestions, personalized suggestions, suggest Contact names, and including blocking offensive words, auto-correction, correction Text correction Allows you to enable text correction options,

Gesture Typing Allows you to various gesture typing options

and delete learned words. **Dictionary** Allows you to access your personal dictionaries and save

physical keyboard, Show app icon, Share usage statistics, and Share snippets. Advanced Allows you to set the following options: Emoji for

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 each selected language. Tap to

GENERAL

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

Keyboard theme Allows you to set the keyboard color.

ADVANCED

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

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

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

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

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 Languages Allows you to set the default language supported with

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

voice requests when the device is 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 BACKUP

device. You can also back up data or restore data from a previous back up **LG Backup** Allows you to copy data from a previous device to a new

GOOGLE BACKUP

Off. On will automatically backup your data to Google servers Back up my data Tap the switch at the top of its screen to toggle it On or

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. Read

Reset settings Allows you to restore the default system settings

(G Google services

Allows you to manage your Google apps and account settings

SYSIEM

(*) Shortcut keys

and the phone is locked or in timeout: shortcuts activated by the Volume buttons 📋. 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

Date & time

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

language 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 text.

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

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

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

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

notifications you select. Tap Notification light to set the notifications you Notification light Enable this option to activate the LED light for the

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 Turn off all sounds Enable this option to silence all phone sounds and

Audio type 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

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 🕲

Touch and hold delay Allows you to set the touch and hold delay time

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 select 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

your device uses to protect against web threats. or Off. On allows you to enable Support & Protection to observe the apps Support & Protection Tap the switch at the top of its screen to toggle it On

tap **SETTINGS** to set it up. On allows you to enable switch access to selected features. Tap **OK**, then Switch Access Tap the switch at the top of its screen to toggle it On or Off

i About phone

information. Status, Battery, Hardware info, Software info, Legal info, and Patent View information about your phone including Phone name, Network,

System updates

SYSTEM UPDATE INFO

for your phone. Check for new system update Allows you to check for any available updates

Show system update history Allows you to view your system update history.

LAST SYSTEM UPDATE Displays your last update information

Call (800) 243-0000 for more information.

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

exposure limits and should be avoided tested for typical body-worn operations may not comply with FCC 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 However, there is no guarantee that interference will not occur in a radio frequency energy and, if not installed and used in accordance with the residential installation. This equipment generates, uses and can radiate This equipment has been tested and found to comply with the limits for a B digital device, pursuant to part 15 of the FCC Rules. These limits are

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 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 recommend conducting additional research to address gaps in knowledge. 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 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

or visit the Cellular Telecommunications Industry Association website at http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins phone 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 to contact the manufacturer of your phone. http://www.ctia.org/consumer_info/index.cfm/AID/10371. You may also wish more information about SARs, see the FCC's OET Bulletins 56 and 65 at 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. 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

antenna on the outside of the vehicle. You should also read and follow your wireless phone manufacturer's instructions for the safe operation of your 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, use your wireless phone while in a car, you can use a phone with an emissions, will not be placed against the head. On the other hand, if the

Do wireless phones pose any special risks to children?

and RF are available online at www.iegmp.org.uk and http://www.hpa.org. wireless phones at all." For example, the Stewart Report from the United uk/radiation/ (search "mobile"). Parents who wish to reduce their children's ORQ, United Kingdom. Copies of the UK's annual reports on mobile phones 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 using a cell phone causes brain tumors or other ill effects. [The UK's] 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 danger to users of wireless communication devices, including children." RF exposure may choose to restrict their children's wireless phone use (search "mobile"), or you can write to: NRPB, Chilton, Didcot, Oxon OX11 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 V

U.S. Federal Communications Commission

445 12th Street, S.W. Washington, D.C. 20554

Telephone: (888) 225-5322

http://www.fcc.gov/oet/rfsafety

Independent Expert Group on Mobile Phones

http://www.iegmp.org.uk

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 designed and manufactured not to exceed the emission limits for exposure comprehensive guidelines and establish permitted levels of RF energy for 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

power required to reach the network, in general, the closer you are to a 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 operating positions specified by the FCC with the phone transmitting at its wireless base station antenna, the lower the power output phone is designed to operate at multiple power levels to use only the highest certified power level in all tested frequency bands. Although SAR is 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

as required by the FCC for each model. performed in positions and locations (e.g., at the ear and worn on the body) 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

The highest SAR values are:

Head: 0.76 W/kg

Body-worn/Hotspot: 1.03 W/kg

available accessories and FCC requirements). (Body-worn measurements differ among phone models, depending upon

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

all reported SAR levels evaluated as in compliance with the FCC RF http://www.ctia.org/. the Cellular Telecommunications Industry Association (CTIA) website at fcc.gov/oet/ea/fccid after searching on FCC ID ZNFVS835. the FCC and can be found under the Display Grant section of http://www Additional information on Specific Absorption Rates (SAR) can be found on 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

phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to Report and Order in WT Docket 01-309 modified the exception of wireless On July 10, 2003, the U.S. Federal Communications Commission (FCC)

services for persons with hearing disabilities of the HAC Act is to ensure reasonable access to telecommunications require digital wireless phones be compatible with hearing-aids. The intent

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

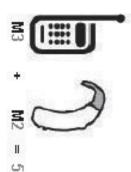
phones, to assist hearing device users to find phones that may be Phones that are rated have the rating on their box or a label located on the compatible with their hearing devices. Not all phones have been rated The wireless telephone industry has developed a rating system for wireless

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

generate less interference to hearing devices than phones that are not M-Ratings: Phones rated M3 meet FCC requirements and are likely to

generate less interference to hearing devices than phones that are not T-Ratings: Phones rated T3 meet FCC requirements and are likely to labeled.

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

recommended by the Alliance for Telecommunications Industries Solutions 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 The M mark is intended to be synonymous with the U mark. The T mark is Rules. The HAC rating and measurement procedure are described in the

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 is

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

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

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 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 telephones, at high volume settings for long durations may lead to 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
- to listen to your portable device in a noisy environment, use noisecancelling headphones to block out background environmenta Do not turn the volume up to block out noisy surroundings. If you choose
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected
- concerts, that might cause temporary hearing loss. Temporary hearing Avoid using headphones after exposure to extremely loud noises, such as loss might cause unsafe volumes to sound normal

hearing difficulty after listening to your portable audio device, discontinue Do not listen at any volume that causes you discomfort. If you experience use and consult your doctor. ringing in your ears, hear muffled speech or experience any temporary

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: Those guidelines are consistent with the safety standards previously set by RF exposure guidelines with safety levels for handheld wireless phones In August, 1996, the Federal Communications Commissions (FCC) adopted

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: research by and recommendations of Wireless Technology Research. 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 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;
- interference; Should use the ear opposite the pacemaker to minimize the potential for
- 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

your device to determine if it is adequately shielded from external RF If you use any other personal medical device, consult the manufacturer of

information energy. Your physician may be able to assist you in obtaining this

Health Care Facilities

these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy. Turn your phone OFF in health care facilities when any regulations posted in

Vehicles

representative regarding your vehicle. You should also consult the electronic systems in motor vehicles. Check with the manufacturer or its manufacturer of any equipment that has been added to your vehicle 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

where the air contains chemicals or particles (such as grain, dust, or metal 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 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
- Do not modify or remanufacture, attempt to insert foreign objects into the explosion or other hazard. battery, immerse or expose to water or other liquids, expose to fire,
- Only use the battery for the system for which it is specified
- Only use the battery with a charging system that has been qualified with present a risk of fire, explosion, leakage, or other hazard. the system per CTIA Certification Requirements for Battery System Compliance to IEEE1725. Use of an unqualified battery or charger may
- contact battery terminals Do not short circuit a battery or allow metallic conductive objects to
- authorized service providers shall replace battery (if the battery is nonthe system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard. Only Replace the battery only with another battery that has been qualified with user replaceable).
- Promptly dispose of used batteries in accordance with local regulations
- Battery usage by children should be supervised.

- especially on a hard surface, and the user suspects damage, take it to a service center for inspection. Avoid dropping the phone or battery. If the phone or battery is dropped,
- Improper battery use may result in a fire, explosion or other hazard

Charger and Adapter 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
- abroad Use the correct adapter for your phone when using the battery charger

Battery Information and Care

- charged to save unnecessary power consumption of the charger Always unplug the charger from the wall socket after the phone is fully
- 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 the plug if it is loose as it may cause electric shock or fire
- cord to be crimped as it may cause electric shock or fire Do not place any heavy items on the power cord. Do not allow the power
- short-circuit the phone. Always cover the receptacle when not in use phone in a pocket or bag without covering the receptacle of the phone connected. If not, it may cause excessive heat or fire. If you put your 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 (power plug pin), metallic articles (such as a coin, paperclip or pen) may
- life. Battery life will vary due to usage pattern and environmental Recharge the battery after long periods of non-use to maximize battery conditions

- 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 warranty. incompatible charger, may cause damage to your phone and void the
- The charging temperature range is regulated between 32°F (0°C) and characteristics and cycle life. 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, Do not use or leave the phone in direct sunlight or in a car heated
- If skin or clothing is smeared with liquid from the battery, wash with fresh water. It may cause the skin inflammation.
- 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
- shortcircuit the phone and/or cause electric shock or fire Do not place or answer calls while charging the phone as it may
- 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
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone as this could cause a fire
- shortcircuit the phone and/or cause electric shock or fire Do not place or answer calls while charging the phone as it may

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
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty.
- When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire
- If you put your phone in a pocket or bag without covering the receptacle cover the receptacle when not in use or pen) may short-circuit the phone and may cause an explosion. Always of the phone (power plug pin), metallic articles (such as a coin, paperclip

General Notice

- Do not place items containing magnetic components such as a card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use
- 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
- damage due to the loss of data phone numbers (Ringtones, text messages, voice messages, pictures, 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 and videos could also be deleted.) The manufacturer is not liable for

- 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.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely.

FDA Consumer Update



1. Do wireless phones pose a health hazard?

effects may occur, but such findings have not been confirmed by additional 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 biological effects. Some studies have suggested that some biological 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 They also emit very low levels of RF when in standby mode. Whereas high Radio Frequency (RF) energy in the microwave range while being used 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 case, the FDA could require the manufacturers of wireless phones to notify does with new drugs or medical devices. However, the agency has consumer products such as wireless phones before they can be sold, as users of the health hazard and to repair, replace, or recall the phones so that Frequency (RF) energy at a level that is hazardous to the user. In such authority to take action if wireless phones are shown to emit Radic Under the law, the FDA does not review the safety of radiation-emitting

including the following: the FDA has urged the wireless phone industry to take a number of steps, Although the existing scientific data do not justify FDA regulatory actions

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- user that is not necessary for device function; and Design wireless phones in a way that minimizes any RF exposure to the
- information on possible effects of wireless phone use on human health. Cooperate in providing users of wireless phones with the best possible

this working group: coordinated efforts at the federal level. The following agencies belong to that have responsibility for different aspects of RF safety to ensure 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?

of wireless phones can expose the user to measurable Radio Frequency (RF) energy because of the short distance between the phone and the built-in antennas, often called "cell", "mobile", or "PCS" phones. These types The term "wireless phone" refers here to handheld wireless phones with

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?

and primary brain cancer, glioma, meningioma, or acoustic neuroma investigated any possible association between the use of wireless phones 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 the studies demonstrated the existence of any harmful health effects from tumors of the brain or salivary gland, leukemia, or other cancers. None of been published since December 2000. Between them, the studies 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 be

use in these studies was around three years questions about long-term exposures, since the average period of phone wireless phone RF exposures. However, none of the studies can answer

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 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 but ten or more years follow-up may be needed to provide answers about A combination of laboratory studies and epidemiological studies of people

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 1996. An influential result of this work has been the development of a International Electro Magnetic Fields (EMF) Project since its inception in The FDA has been a leading participant in the World Health Organization

have a formal Cooperative Research And Development Agreement (CRADA) The FDA and the Cellular Telecommunications & Internet Association (CTIA)

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 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 context of the latest research developments around the world.

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. and Electronic Engineering (IEEE) and the National Council on Radiation consistent with the safety standards developed by the Institute of Electrica rfsafety) gives directions for locating the FCC identification number on your Manufacturers of wireless phones must report the RF exposure level for the body's ability to remove heat from the tissues that absorb energy from Protection and Measurement. The exposure limit takes into consideration 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?

and leadership of FDA scientists and engineers. The standard, from wireless phones and other wireless handsets with the participation consistent test methodology for measuring the rate at which RF is Communications Devices: Experimental Techniques," sets forth the first Absorption Rate (SAR) in the Human Body Due to Wireless technical standard for measuring the Radio Frequency (RF) energy exposure The Institute of Electrical and Electronic Engineers (IEEE) is developing a "Recommended Practice for Determining the Spatial-Peak Specific

whole body or a small part of the body. It is measured in watts/kg (or the measurement of the amount of energy absorbed in tissue, either by the wireless phone complies with safety guidelines. measurements made at different laboratories on the same phone. SAR is tissue-simulating model of the human head. Standardized SAR test deposited in the heads of wireless phone users. The test method uses milliwatts/g) of matter. This measurement is used to determine whether a methodology is expected to greatly improve the consistency of

9. What steps can I take to reduce my exposure to Radio Frequency energy from my wireless phone?

wireless phone use. concerned about the RF exposure from these products, you can use does not demonstrate that wireless phones are harmful. But if you are wireless phone connected to a remote antenna. Again, the scientific data 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 using a wireless phone will reduce RF exposure. If you must conduct how much exposure a person receives, reducing the amount of time spent avoiding even potential risks, you can take a few simple steps to minimize that there is — it is probably very small. But if you are concerned about measures like those described above to reduce your RF exposure from level drops off dramatically with distance. For example, you could use a 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 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 exposure to Radio Frequency (RF) energy, the measures described above phones, including children and teenagers. If you want to take steps to lower The scientific evidence does not show a danger to users of wireless

that using a wireless phone causes brain tumors or other ill effects. Their government in the United Kingdom distributed leaflets containing such a children be discouraged from using wireless phones at all. For example, the hazard exists precautionary; it was not based on scientific evidence that any health recommendation to limit wireless phone use by children was strictly recommendation in December 2000. They noted that no evidence exists Some groups sponsored by other national governments have advised that

11. What about wireless phone interference with medical equipment?

phone EMI. ensure that cardiac pacemakers and defibrillators are safe from wireless effort by the FDA, medical device manufacturers, and many other groups electronic devices. For this reason, the FDA helped develop a detailed test 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. phones so that no interference occurs when a person uses a "compatible" phones and helped develop a voluntary standard sponsored by the Institute phone and a "compatible" hearing aid at the same time. This standard was methods and performance requirements for hearing aids and wireless of Electrical and Electronic Engineers (IEEE). This standard specifies test The FDA has tested hearing aids for interference from handheld wireless

found to occur, the FDA will conduct testing to assess the interference and interactions with other medical devices. Should harmful interference be work to resolve the problem. 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 (http://www.fda.gov/cellphones/)

(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/)

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 voice mail 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 numbers away. Dial 911 or other local emergency number in the case 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 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.

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- 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

tound at http://www.lg.com/global/declaration of Directive 1999/5/EC. A copy of the Declaration of Conformity can be compliance with the essential requirements and other relevant provisions Hereby, LG Electronics declares that this LGVS835 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 LGVS835 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 known as the Specific Absorption Rate (SAR). Tests for SAR are conducted using standardized methods with the phone transmitting at
- 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 0.582 W/Kg (10g) and when worn on the body is 1.060 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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purchased the product. com. This offer is valid for three (3) years from the date on which you of media, shipping, and handling) upon email request to opensource@lge charge covering the cost of performing such distribution (such as the cost LG Electronics will also provide open source code to you on CD-ROM for a

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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 Goo	Google™ Service	Data Syn	Data Syn	Data Cor	Bluetooth Dev	CATEGORY SU
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	Email	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.

בוכנים:	Phone			Phone Function	CATEGORY
	Unlock Pattern			Security	SUB-CATEGORY
Pattern?	How do I create the unlock			What are the phone's security functions?	QUESTION
this, a short tutorial about creating an unlock pattern appears. 5. Set up by drawing your pattern once, tap NEXT, draw it again, then tap CONFIRM.	 Tap Select screen lock. Tap Pattern. The first time you do 	2. Tap Lock screen settings.	 From the Home screen, touch and hold the Recent apps button □. 	You can set the phone to require the entry of an unlock sequence (Knock Code, pattern, PIN, or password) before the phone can be accessed or used. As an added anti-theft measure, add your Google Account on your phone which will embed it in the setup process. If a factory reset is performed, your phone will not finish the setup process until your embedded Google Account and password are entered again. Don't forget your Google Account information because if you can't provide it after a factory reset, you won't be able to use your phone at all.	ANSWER

Phone Language Function Support	Phone Function Memory	Phone Function Speed Dial	CATEGORY SUB-CATEGORY
CU .		<u>ω</u>	TEGORY
ls it possible to change the language?	Will I know when my memory is full?	ls Speed Dialing supported?	QUESTION
The phone has multi-lingual capabilities. To change the language: 1. From the Home screen, touch and hold the Recent apps button □ > Settings. 2. Tap Language & input > Language. 3. Tap the desired languages for your on-screen keyboard, from the Language & input screen, tap LG Keyboard, tap Select languages, then checkmark the languages you want to be able to type.	Yes, you'll receive a notification.	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 speed dial location and select the desired contact. NOTE You can also tap the Speed dial icon (**) next to the number in a contact's entry, then select the speed dial dial you want to set. To set a Direct Dial shortcut to your Home screen; then tap the Widgets icon (**). 2. Touch and hold an empty area on your Home screen, then tap the Widgets icon (**). 2. Touch and hold the Direct dial, then drag it where you want it placed. 3. Tap the contact in your Contacts list.	ANSWER

Phone	Phone	Phone Function	Phone Function	Phone Function	CATEGORY
S S	S)	S)	S	On .	3ORY
Home Screen	Wi-Fi and 4G	Screen Time Out	VPN	Language Support	SUB-CATEGORY
Is it possible to remove an app from the Home screen?	When Wi-Fi and 4G are both available, which service will my phone use?	My screen turns off after only 30 seconds. How can I change the amount of time for the backlight to turn off?	How do I set up a VPN?	Which languages are supported when using Play Store?	QUESTION
No. Apps can't be removed from the Home screen, but you can uninstall apps that you've downloaded to your phone to remove them. Just touch and hold the downloaded app icon until the Uninstall bar appears at the top of the screen. Then, without lifting your finger, drag the icon to the Remove bar, then lift your finger.	When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connection when your phone is set to On). However, there will be no notification when your phone switches from one to the other. To know which data connection is being used, check the 4G or Wi-Fi icon in the Status Bar at the top of your screen.	 From the Home screen, touch and hold the Recent apps button . Tap Settings > Display > Screen timeout. Tap the preferred screen backlight timeout time. 	VPN access configuration is different according to each company. To configure VPN access from your phone, you must obtain the details from your company's network administrator.	The Play Store app supports English and Spanish. Third party apps may not support all languages.	ANSWER

Recovery Solution Power Reset	Phone Alarm Function	Phone Alarm Function	Phone Function Ringtones	Phone Function Application	CATEGORY SUB-CATEGORY
Set			U)	Š	EGORY
The phone is locked-up and does not function. How can I reset it?	If my ringer volume is set to Off or Vibrate, will I hear my alarm?	Will my alarm be audible or will it go off if the phone is turned off?	Can I use music files for my ringtones?	I downloaded an app and it causes a lot of errors. How do I remove it?	QUESTION
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 device reset.	Your alarm is programmed to be audible even in these scenarios.	No, that functionality isn't supported.	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.	 From the Home screen, touch and hold the Recent apps button □. Tap Settings > 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. 	ANSWER

"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:

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. therefore recommended that you back-up any such data or information prior 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, Arbitration 1000 Sylvan Avenue Englewood Cliffs, NJ 07632. If there is 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 initiated(referred to as the "AAA Rules") and under the procedures set

such law is preempted by or inconsistent with applicable federal law. Governing Law: The law of the state of your residence shall govern this <u>limited Warranty and any disputes between us except to the extent that </u>

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 prevail in the arbitration, LG will pay your reasonable attorneys' fees and 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 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 procedure in the manner described above (that is, by e-mail or 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 Opt Out. You may opt out of this dispute resolution procedure. If you opt

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