



USER GUIDE

LG-X160



Disposal of your old appliance

- 1** All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- 2** The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
- 3** To locate a nearest collection centre or call for pick-up (limited area only) for disposal of this appliance, please contact Toll Free No. 1800-180-9999 for details. All collection centre and pick up facilities are done by third parties with LG Electronics India Pvt. Ltd. Merely as a facilitator. For more detailed information, please visit : <http://www.lge.com/in>

Welcome!

ENGLISH

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

- Always use genuine LG accessories. The supplied items are designed only for this device and may not be compatible with other devices.
- This device is not suitable for people who have a visual impairment due to the touchscreen keyboard.
- Descriptions are based on the device's default settings.
- Default apps on the device are subject to updates and support for these apps may be withdrawn without prior notice. If you have any questions about an app provided with the device, please contact a LG Service Centre. For userinstalled apps, please contact the relevant service provider.
- Modifying the device's operating system or installing software from unofficial sources may damage the device and lead to data corruption or data loss. Such actions will violate your LG licence agreement and void your warranty.
- Some contents and illustrations may differ from your device depending on the region, service provider, software version, or OS version, and are subject to change without prior notice.

Instructional notices


 WARNING!	situations that could cause injury to yourself or others
Caution!	situations that could cause damage to the device or other equipment
NOTE	notice or additional information
TIP!	tips for when using the function

Table of contents

Guidelines for safe and efficient use	4	Connecting to Networks and Devices.	38
Important notice	12	Wi-Fi	38
Getting to know your phone.....	15	Bluetooth.....	39
Phone layout.....	15	Wi-Fi Direct	40
Installing the SIM or USIM card and battery.....	17	Transferring data between a PC and the device.....	41
Charging the battery.....	19	Calls	42
Inserting a memory card.....	20	Making a call	42
Removing the memory card.....	21	Calling your contacts	42
Locking and unlocking the device	21	Answering and rejecting a call	42
Your Home screen.....	23	Making a second call	43
Touch screen tips	23	Viewing your recents call logs.....	43
Home screen	24	Call settings.....	43
Customizing the Home screen	25	Contacts	44
Returning to recently-used applications.....	26	Searching for a contact.....	44
Notifications panel	26	Adding a new contact	44
On-screen keyboard	29	Favourites contacts.....	44
Special Features	30	Creating a group.....	45
Gesture shot.....	30	Messaging.....	46
KnockON	31	Sending a message	46
Knock Code	31	Conversation view	47
Menu Map	33	Changing your messaging settings	47
Google account setup.....	36	E-mail.....	48
Creating your Google account	36	Managing email accounts.....	48
Signing into your Google account.....	36	Composing and sending email	49
		Camera and Video.....	50

Camera options on the viewfinder.....	50	Troubleshooting	72
Taking a photo	51	FAQ	76
Recording a video	51		
Gallery	52		
Utilities	55		
Clock	55		
Calculator	56		
Calendar	56		
Sound Recorder	57		
Voice Search.....	57		
Downloads	57		
FM Radio	58		
Web Browser.....	59		
Browser	59		
Chrome	60		
Settings	61		
Wireless & networks	61		
Device	62		
Personal	63		
System	65		
Phone software update	67		
Phone software update.....	67		
About this user guide	69		
About this user guide.....	69		
Instructional notices	70		
Trademarks	70		
Accessories.....	71		

Guidelines for safe and efficient use

Please read these simple guidelines. Not following these guidelines may be dangerous or illegal.

Should a fault occur, a software tool is built into your device that will gather a fault log. This tool gathers only data specific to the fault, such as signal strength, cell ID position in sudden call drop and applications loaded. The log is used only to help determine the cause of the fault. These logs are encrypted and can only be accessed by an authorised LG Repair centre should you need to return your device for repair.

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information.

This mobile phone model LG-X160 has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardised methods with the phone transmitting at its highest certified power level in all used frequency bands.
- While there may be differences between the SAR levels of various LG phone models, they are 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 10 g of tissue.
- The highest SAR value for this model phone tested for use at the ear is 0.898 W/kg (1g) and when worn on the body is 1.010 W/Kg (1g) at 15mm, which is 100% compliant with Indian Standards and Safe.

- This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 cm away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the product at least 1.5 cm away from your body. In order to transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed.

Product care and maintenance

WARNING!

Always use genuine LG batteries, chargers and accessories approved for use with this particular phone model. The use of any other types may void any approval or warranty applying to the phone and may be dangerous.

- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- Repairs under warranty, at LG's discretion, may include replacement parts or boards that are either new or reconditioned, provided that they have functionality equal to that of the parts being replaced.
- Keep away from electrical appliances such as TVs, radios and personal computers.
- The unit should be kept away from heat sources such as radiators or cookers.
- Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- Switch off the phone in any area where you are required to by special regulations. For example, do not use your phone in hospitals as it may affect sensitive medical equipment.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock and can seriously damage your phone.

- Do not charge a handset near flammable material as the handset can become hot and create a fire hazard.
- Use a dry cloth to clean the exterior of the unit (do not use solvents such as benzene, thinner or alcohol).
- Do not charge the phone when it is on soft furnishings.
- The phone should be charged in a well ventilated area.
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object as it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use accessories like earphones cautiously. Do not touch the antenna unnecessarily.
- Do not use, touch or attempt to remove or fix broken, chipped or cracked glass. Damage to the glass display due to abuse or misuse is not covered under the warranty.
- Your phone is an electronic device that generates heat during normal operation. Extremely prolonged, direct skin contact in the absence of adequate ventilation may result in discomfort or minor burns. Therefore, use care when handling your phone during or immediately after operation.
- If your phone gets wet, immediately unplug it to dry off completely. Do not attempt to accelerate the drying process with an external heating source, such as an oven, microwave or hair dryer.
- The liquid in your wet phone, changes the colour of the product label inside your phone. Damage to your device as a result of exposure to liquid is not covered under your warranty.

Efficient phone operation

Electronics devices

All mobile phones may receive interference, which could affect performance.

- Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over pacemakers, for example, in your breast pocket.
- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs etc.
- Use your phone in temperatures between 0 °C and 40 °C, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

Precautions

- Use a wireless hands-free system (headphone, headset) with a low power Bluetooth emitter.
- Keep your calls short or send text message (SMS) instead. This advice applies especially to children, adolescents and pregnant women.
- Use the cell phone in good quality network signal.
- People having active medical implants should preferably keep the cell phone at least 15cm away from the implant.

Road safety

Check the laws and regulations on the use of mobile phones in the area when you drive.

- Do not use a hand-held phone while driving.
- Give full attention to driving.
- Pull off the road and park before making or answering a call if driving conditions so require.

- RF energy may affect some electronic systems in your vehicle such as car stereos and safety equipment.
- When your vehicle is equipped with an air bag, do not obstruct with installed or portable wireless equipment. It can cause the air bag to fail or cause serious injury due to improper performance.
- If you are listening to music whilst out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is of particular importance when near roads.

Avoid damage to your hearing



To prevent possible hearing damage, do not listen at high volume levels for long periods.

Damage to your hearing can occur if you are exposed to loud sound for long periods of time. We therefore recommend that you do not turn on or off the handset close to your ear. We also recommend that music and call volumes are set to a reasonable level.

- When using headphones, turn the volume down if you cannot hear the people speaking near you, or if the person sitting next to you can hear what you are listening to.

NOTE

- Excessive sound pressure from earphones and headphones can cause hearing loss.

Glass Parts

Some parts of your mobile device are made of glass. This glass could break if your mobile device is dropped on a hard surface or receives a substantial impact. If the glass breaks, do not touch or attempt to remove it. Stop using your mobile device until the glass is replaced by an authorised service provider.

Blasting area

Do not use the phone where blasting is in progress. Observe restrictions and follow any regulations or rules.

Potentially explosive atmospheres

- Do not use your phone at a refueling point.
- Do not use near fuel or chemicals.
- Do not transport or store flammable gas, liquid or explosives in the same compartment of your vehicle as your mobile phone or accessories.

In aircraft

Wireless devices can cause interference in aircraft.

- Turn your mobile phone off before boarding any aircraft.
- Do not use it on the ground without permission from the crew.

Children

Keep the phone in a safe place out of the reach of small children. It includes small parts which may cause a choking hazard if detached.

Emergency calls

Emergency calls may not be available on all mobile networks. Therefore you should never depend solely on your phone for emergency calls. Check with your local service provider.

Battery information and care

- You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- Use only LG batteries and chargers. LG chargers are designed to maximise the battery life.
- Do not disassemble or short-circuit the battery.
- Keep the metal contacts of the battery clean.
- Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times before it needs replacing.
- Recharge the battery if it has not been used for a long time to maximise usability.
- Do not expose the battery charger to direct sunlight or use it in high humidity, such as in the bathroom.
- Do not leave the battery in hot or cold places, as this may deteriorate battery performance.
- 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. Do not dispose as household waste.
- If you need to replace the battery, take it to the nearest authorised LG Electronics service point or dealer for assistance.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.
- Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.
- Make sure that no sharp-edged items such as animal's teeth or nails, come into contact with the battery. This could cause a fire.

Open Source Software Notice Information

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

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

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

HOW TO UPDATE YOUR DEVICE

Access to latest firmware releases, new software functions and improvements.

- **Select the software update in settings menu on your device.**

DECLARATION OF CONFORMITY

Hereby, **LG Electronics** declares that this **LG-X160** product is in compliance with the essential requirements and other relevant provisions of Directive **1999/5/EC**. A copy of the Declaration of Conformity can be found at <http://www.lg.com/global/declaration>

Important notice




Please read this before you start using your phone!

Please check to see whether any problems you encountered with your phone are described in this section before taking the phone in for service or calling a service representative.

1. Phone memory

When there is less than 10MB of space available in your phone memory, your phone cannot receive new messages. You may need to check your phone memory and delete some data, such as applications or messages, to make more memory available.

To uninstall applications:

- 1 Tap  >  >  > **Apps**.
- 2 Once all applications appear, scroll to and select the application you want to uninstall.
- 3 Tap **UNINSTALL**.

2. Optimizing battery life

Extend your battery's power by turning off features that you do not need to run constantly in the background. You can monitor how applications and system resources consume battery power.

Extending your phone's battery life:

- Turn off radio communications when you are not using. If you are not using Wi-Fi, Bluetooth or GPS, turn them off.
- Reduce screen brightness and set a shorter screen timeout.
- Turn off automatic syncing for Gmail, Calendar, Contacts and other applications.

- Some applications you download may consume battery power.
- While using downloaded applications, check the battery charge level.



3. Before installing an open source application and OS

WARNING

- If you install and use an OS other than the one provided by the manufacturer it may cause your phone to malfunction. In addition, your phone will no longer be covered by the warranty.
- To protect your phone and personal data, only download applications from trusted sources, such as Play Store™. If there are improperly installed applications on your phone, the phone may not work normally or a serious error may occur. You must uninstall those applications and all associated data and settings from the phone.

4. Opening and switching applications

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

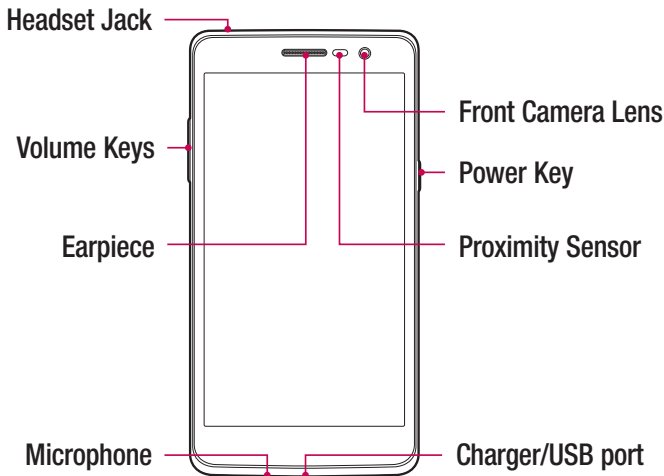
- 1 Tap . A list of recently used applications will be displayed.
- 2 Tap the application you want to access. This does not stop the previous app from running in the background. Make sure to tap  to back out of an app after using it.
 - To close an app from the recent apps list, swipe the app preview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

5. When the screen freezes

If the screen freezes or the phone does not respond when you try to operate it, remove the battery and reinsert it. Then power the phone back on.

Getting to know your phone

Phone layout

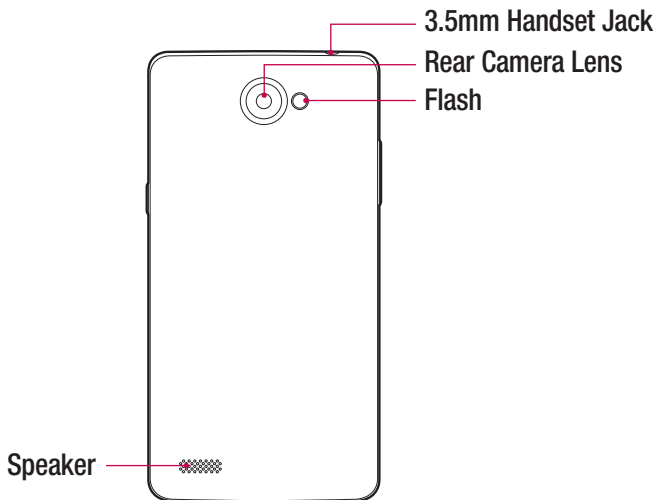


NOTE: Proximity sensor

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

WARNING

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

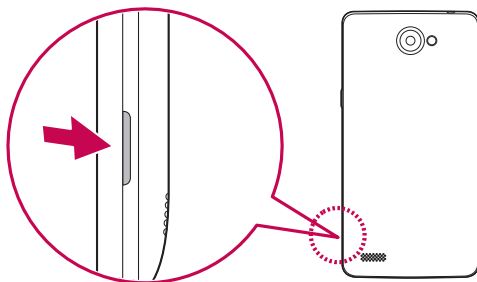


Power/Lock Key	<ul style="list-style-type: none">• Turn your phone on/off by pressing and holding this key.• Short press to lock/unlock the screen
Volume Keys	<p>(While screen is off)</p> <ul style="list-style-type: none">• Long press Volume Keys to launch Camera

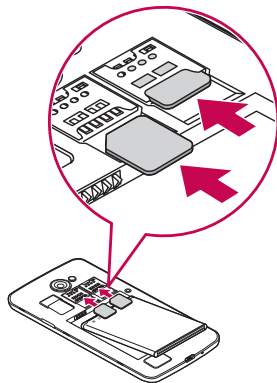
Installing the SIM or USIM card and battery

Insert the SIM or USIM card provided by the mobile telephone service provider, and the included battery.

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



- 2 Slide the SIM card into the SIM card slot as shown in the figure. Make sure the gold contact area on the card is facing downward.



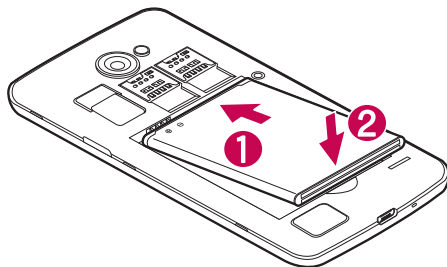
⚠ WARNING

Do not insert a memory card into the SIM card slot. If a memory card happens to be lodged in the SIM card slot, take the device to a LG Service Centre to remove the memory card.

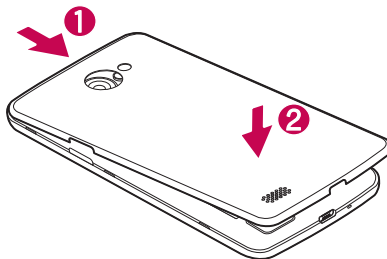
NOTE

- Only the microSIM cards work with the device.

3 Insert the battery.



4 To replace the cover onto the device, align the back cover over the battery compartment ① and press it down until it clicks into place ②.



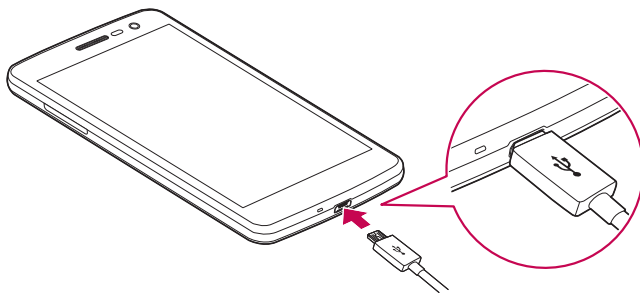
Charging the battery

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

WARNING

Use only LG-approved chargers, batteries and cables. If you use unapproved chargers, batteries or cables, it may cause battery charging delay. Or this can cause the battery to explode or damage the device, which are not covered by the warranty.

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



NOTE

- Do not open the back cover while your phone is charging.

Inserting a memory card

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

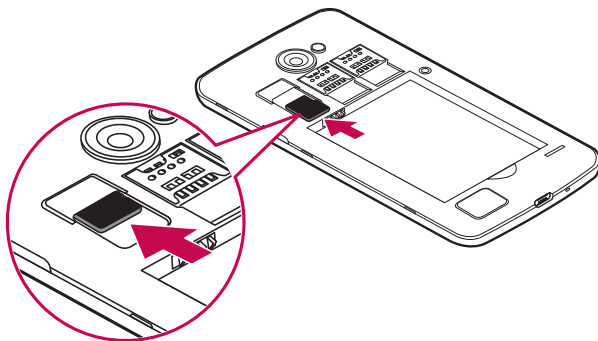
WARNING

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

NOTE

- Frequent writing and erasing of data shortens the lifespan of memory cards.

- 1 Remove the back cover.
- 2 Insert a memory card with the gold-coloured contacts facing downwards.



- 3 Replace the back cover.

Removing the memory card

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

- 1 Tap  >  >  > **Storage** > **Unmount SD card**.
- 2 Remove the back cover and pull out the memory card.

WARNING

Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. It is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

Locking and unlocking the device

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




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

NOTE

- Double-tapping on the screen also can wake up the screen instead of the **Power/Lock Key**.

Changing the screen lock method

You can change the way that you lock the screen to prevent others accessing your personal information.

- 1 Tap  >  >  > **Security** > **Screen lock**.
- 2 Select a desired screen lock from None, Swipe, Knock Code, Pattern, PIN and Password.

NOTE




- Create a Google account before setting an unlock pattern and remember the Backup PIN you created when creating your pattern lock.

Caution! If you haven't created a Google account on the phone and you forgot your PIN, Password, and the backup PIN, you need to perform a hard reset. But if you perform a hard reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a hard reset.

TIP! Smart Lock

You can use **Smart Lock** to make unlocking your phone easier. You can set it to keep your phone unlocked when you have a trusted Bluetooth device connected to it, when it's in a familiar location like your home or work, or when it recognises your face.

Setting up Smart Lock

- 1 Tap  >  > .
- 2 Tap **Security** > **Smart Lock**.
- 3 Before you add any trusted devices, trusted places, or trusted face, you need to set up a screen lock (Pattern, PIN or Password).

Your Home screen

Touch screen tips


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

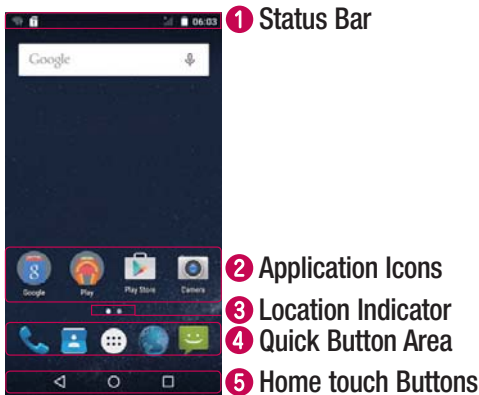
- **Tap or touch** – A single finger tap selects items, links, shortcuts and letters on the on-screen keyboard.
- **Touch and hold** – Touch and hold an item on the screen by tapping it and not lifting your finger until an action occurs.
- **Drag** – Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. You can drag items on the Home screen to reposition them.
- **Swipe or slide** – To swipe or slide, quickly move your finger across the surface of the screen, without pausing when you first tap it (so you don't drag an item instead).
- **Double-tap** – Double-tap to lockoff the screen or lock on.
- **Pinch-to-Zoom** – Use your index finger and thumb in a pinching or spreading motion to zoom in or out when using the browser, Maps, or when viewing pictures.
- **Rotate the screen** – From many applications and menus, the screen orientation adjusts to the device's physical orientation.

NOTE




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

Home screen

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



- 1 Shows phone's status information, including the time, signal strength, battery status and notification icons.
- 2 Tap an icon (application, folder, etc.) to open and use it.
- 3 Indicates which Home screen canvas you are currently viewing.
- 4 Provides one-touch access to the function in any Home screen canvas.
- 5

 Back Button	Returns to the previous screen. Also closes pop-up items, such as menus, dialogue boxes and the on-screen keyboard.
 Home Button	Return to the Home screen from any screen.
 Recent Apps Button	Displays recently used applications. If you touch and hold this Button, it opens a menu of available options.

Extended Home screen

The operating system provides multiple Home screen canvases to provide more space for adding icons, widgets and more.

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

Customizing the Home screen


You can customise your Home screen by adding apps and widgets and changing wallpapers.

Adding items on your Home screen

- 1 Touch and hold the empty part of the Home screen.
- 2 In the Add Mode menu, select the item you want to add. You then see this added item on the Home screen.
- 3 Drag it to the desired location and lift your finger.

TIP! To add an application icon to the Home screen from the Apps screen, touch and hold the application you want to add.

Removing an item from the Home screen

- While on the Home screen, touch and hold the icon you want to remove > drag it to .

Adding an app to the Quick Button Area

- From the Apps screen or on the Home screen, touch and hold an application icon and drag it to the Quick Button Area. Then release it in the desired location.



Removing an app from the Quick Button Area

- Touch and hold the desired Quick Button, drag it to .

NOTE

- The **Apps Button**  cannot be removed.

Returning to recently-used applications

- 1 Tap . App previews of recently used applications will be displayed.
- 2 Tap an app preview to open the application.
- OR -
Tap  to return to your previous screen.

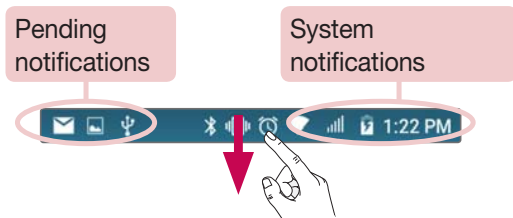
Notifications panel

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

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

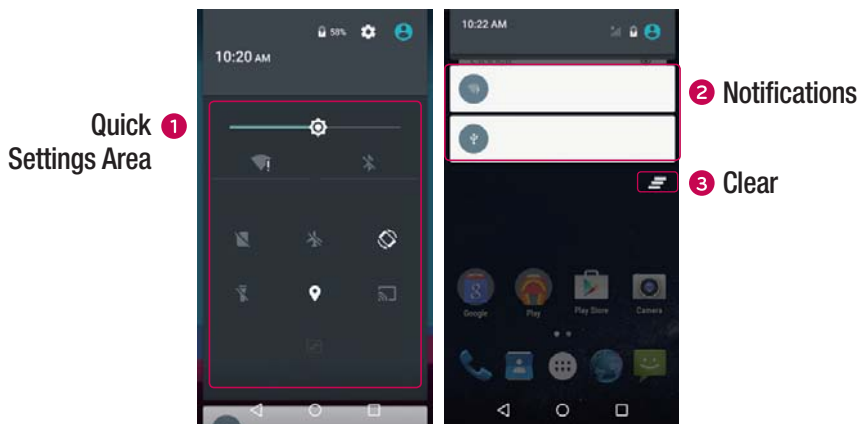
NOTE

- The available options may vary depending on the region or service provider.



Opening the notifications panel

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



- 1 Tap each quick setting button to toggle it on/off.
- 2 Current notifications are listed, each with a brief description. Tap a notification to view it.
- 3 Tap to clear all the notifications.

Indicator icons on the Status Bar

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



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

Icon	Description	Icon	Description
	No SIM card inserted		A song is currently playing
	No network signal available		Vibrate mode is on
	Airplane mode is on		Battery fully charged
	Connected to a Wi-Fi network		Battery is charging
	Wired headset connected		The phone is connected to a PC via a USB cable
	Missed call		Downloading data
	Bluetooth is on		Uploading data
	System warning		GPS is on
	An alarm is set		Wi-Fi hotspot is active
	New text or multimedia message		

NOTE

- The icon's location in the status bar may differ according to the function or service.

On-screen keyboard

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

Using the keypad and entering text

 Tap once to capitalise the next letter you type. Double-tap for all caps.

Long press and select  Tap to go to the keyboard settings.

 Tap to enter a space.

 Tap to delete the previous character.

Entering accented letters

When you select French or Spanish as the text entry language, you can enter special French or Spanish characters (e.g. "á").

For example, to input "á", touch and hold the "a" key until the zoom-in key expands and displays characters from different languages. Then select the special character you want.

Special Features

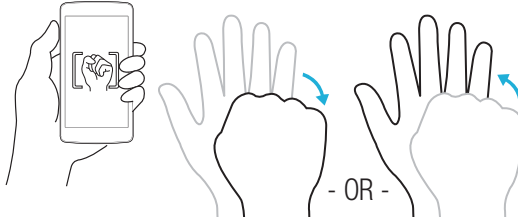
Gesture shot

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

To take a photo

There are two methods for using the Gesture shot feature.

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



KnockON

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

To turn the screen on

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

To turn the screen off

- 1 Double-tap an empty area of the Home screen.
- 2 The screen will turn off.

NOTE




- Tap on the centre area of the screen. If you tap on the bottom or the top area, the recognition rate may decrease.

Knock Code

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

NOTE

- If you enter the wrong Knock Code 6 times, it will compulsorily take you to your Google account log in/backup PIN.
- Use the fingertip instead of finger nail to tap the screen for turning it on or off.

- 1 Tap  >  >  > **Security > Screen lock > Knock Code.**
- 2 Tap the squares in a pattern to set your Knock Code. Your Knock Code pattern can be 3 to 8 taps.

Unlocking the screen using the Knock Code

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







Menu Map

Icon	Description	Icon	Description
 Browser	Touch to access web browser.	 downloads	Touch to view your downloaded items
 Clock	Touch to access the Alarm / Clock menu.	 Camera	Touch to open camera viewfinder.
 Docs	To create or edit docs	 Chrome	Touch to browse fast with the Chrome web browser.
 Calculator	Touch to perform basic arithmetic calculations such as addition, subtraction, multiplication, division etc.	 Calendar	To keep track of your appointment and create meeting requests.
 Contacts	Touch to open your contacts. You can also create new contact and edit existing ones	 FM Radio	Touch to listen to your favourite Radio stations
 File Manager	Touch to open the file manager and view the files.	 Drive	To maintain docs in drive safely in drive
 Maps	Touch to get, turn-by-turn GPS navigation for driving, walking and public transit directions.	 Gallery	To view, organise and sort picture and video files on your device.

Icon	Description
 Voice Search	Tap to access any content via our voice
 Messaging	Touch to access the Messaging app ,You can create a new SMS or MMS
 Phone	Touch to bring up the touch dialing pad which lets you to make a call.
 Hangouts	Touch to chat in hangouts
 Sound Recorder	Touch to record voice memos or other audio files.
 Photos	Tap to access your gallery photos and to maintain synced on or off.
 YouTube	Use online video streaming service that allows you to view videos uploaded by others.

Icon	Description
 Google	Touch to access google
 Google Settings	Touch to access google settings menu
 Play Store	Touch to access Play Store, search and download applications or games.
 Google +	Touch to access google+
 Gmail	Touch to access the Gmail menu.You can check your received email and create new email
 Settings	Touch to adjust general settings of your phone
 SIM Toolkit	The SIM Applications allows you to control the KnowRoaming sticker settings.




Icon	Description
 Play Books	Tap to accessplaybooks
 Play Movies & TV	Tap to access Play movies & TV to view movies in online
 Play Newsstand	Tap to know news via Play Newsstand instantly
 News & Weather	Tap weather to know current weather status and news.
 Truecaller	Truecaller lets you search beyond your phonebook, identify unknown incoming calls, block calls you don't want to receive.
 Hungama	Touch to download,stream and play songs

Icon	Description
 Play Games	Tap to access play games to download games
 Play Music	Tap to access to view your music files in Play music
 Sheets	Tap to create text documents in online and so on.
 Slides	To create or edit slides in online
 Email	Touch to access the Email menu.You can check your received email and create new email
 Keep	Tap to access notes and sync notes




Google account setup

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

Creating your Google account

- 1 Tap  >  >  > **Accounts**.
- 2 Tap **Add account** > **Google** > **Or create a new account**.
- 3 Enter your first and last name, then tap **NEXT**.
- 4 Enter a username and tap **NEXT**. Your phone will communicate with Google servers and check for username availability.
- 5 Enter your password and tap **NEXT**.
- 6 Follow the instructions and enter the required and optional information about the account. Wait while the server creates your account.

Signing into your Google account

- 1 Tap  >  >  > **Accounts**.
- 2 Tap **Add account** > **Google**.
- 3 Enter your email address and tap **NEXT**.
- 4 After signing in, you can use Gmail and take advantage of Google services on your phone.
- 5 Once you have set up your Google account, your phone will automatically synchronise with your Google account on the web (if a data connection is available).

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

IMPORTANT





- Some applications, such as Calendar, work only with the first Google Account you add. If you plan to use more than one Google Account with your phone, be sure to sign into the one you want to use with such applications first. When you sign in, your contacts, Gmail messages, Calendar events, and other information from these applications and services on the web are synchronised with your phone. If you don't sign into a Google Account during setup, you will be prompted to sign in or to create a Google Account the first time you start an application that requires one, such as Gmail or Play Store.
- If you have an enterprise account through your company or other organization, your IT department may have special instructions on how to sign into that account.

Connecting to Networks and Devices

Wi-Fi

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

Connecting to Wi-Fi networks

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

NOTE

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

TIP! How to obtain the MAC address

Tap  >  >  > **Wi-Fi** >  > **Advanced** > **MAC address**.





Bluetooth

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

NOTE

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

Pairing your phone with another Bluetooth device

- 1 Tap  >  >  > **Bluetooth**.
- 2 Tap  to turn "ON" Bluetooth on and start scanning for available Bluetooth devices.
- 3 Choose the device you want to pair with from the list. Once the pairing is successful, your phone connects to the other device.

NOTE

- Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognise their partnership and exchange information.





Sending data via Bluetooth

- 1 Select a file or item such as a contact or media file.
- 2 Select the option for sending data via Bluetooth.
- 3 Search for and pair with a Bluetooth-enabled device.

NOTE

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

Receiving data via Bluetooth

- 1 Tap  >  >  > **Bluetooth**.
- 2 Tap  to turn Bluetooth on.
- 3 You will receive a request to accept a pairing attempt from the sending device. Be sure to select **PAIR**.

Wi-Fi Direct

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

Turning on Wi-Fi Direct

- 1 Tap  >  >  > **Wi-Fi**.
- 2 Tap  > **Advanced** > **Wi-Fi Direct**.

NOTE

- When in this menu, your device is visible to other visible Wi-Fi Direct devices nearby.

Transferring data between a PC and the device

You can copy or move data between a PC and the device.

Transferring data

- 1 Connect your device to a PC using the USB cable that came with your phone.
- 2 Open the Notifications panel, tap the current connection type, and select **Media device (MTP)**.
- 3 A window will pop-up on your PC, allowing you to transfer the desired data.






NOTE


- The LG Android Platform Driver is required to be installed on your PC to be able to detect the phone.
- Check the requirements for using **Media device (MTP)**.

Items	Requirement
OS	Microsoft Windows XP SP3, Vista or higher
Window Media Player version	Windows Media Player 10 or higher




Calls

Making a call



- 1 Tap  >  to open the dialer.
- 2 Enter the number using the dialer. To delete a digit, tap  .
- 3 After entering the desired number, tap  to place the call.
- 4 To end the call, tap .

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





Calling your contacts

- 1 Tap  >  >  to open your contacts.
- 2 Scroll through the contact list. You can also enter the contact's name in the Search field or scroll along the alphabet letters on the left edge of the screen.
- 3 In the list that is displayed, tap the contact you want to call.

Answering and rejecting a call

- Tap  to right to answer the incoming call.
- Tap  to left to decline an incoming call.

Making a second call

- 1 During your first call, tap  > **Add call** and enter the number.
- 2 Tap  to place the call.
- 3 Both calls are displayed on the call screen. Your initial call is locked and put on hold.
- 4 Tap the displayed number to toggle between calls. Or tap  merge call to start a conference call.
- 5 To tap  to hang up current call.

NOTE

- You are charged for each call you make.

Viewing your recents call logs

- 1 Tap  >  > **RECENTS** tab.
- 2 View a list of all dialed.

Call settings





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

- 1 Tap  >  to open the dialer.
- 2 Tap  > **Settings** > **Call settings** and configure the desired options.






Contacts

You can add contacts on your phone and synchronise them with the contacts in your Google Account or other accounts that support syncing contacts.

Searching for a contact

- 1 Tap  >  >  to open your contacts.
- 2 Tap  and enter the contact name using the keyboard.




Adding a new contact

- 1 Tap  >  >  and enter the new contact's number.
- 2 Tap  > **Add to contacts** > **Create new contact**.
- 3 If you want to add a picture to the new contact, tap the image icon. Choose **Take photo** or **Choose photo**.
- 4 Enter the desired information for the contact.
- 5 Tap  to save.

Favourites contacts

You can classify frequently called contacts as favourites.







Adding a contact to your favourites

- 1 Tap  >  >  to open your contacts.
- 2 Tap a contact to view its details.
- 3 Tap the star at the top right of the screen. The star turns white.

Removing a contact from your favourites list

- 1 Tap  >  >  > **FAVOURITES** tab.
- 2 Choose a contact to view its details.
- 3 Tap the hollow star at the top right of the screen. The star turns a dark colour and the contact is removed from your favourites.

Creating a group

- 1 Tap  >  > .
- 2 Tap  > **Groups** > .
- 3 Enter a name for the new group.
- 4 Tap head icon to enter contact list, Choose contacts you want to add to the group, Tap "OK" button on the top right corner.
- 5 Tap  to save the group.



NOTE

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

Messaging


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


Sending a message

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

NOTE

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

- 3 Tap the text field and start entering your message.
- 4 Tap  to open the options menu. Choose from any of the available options.

TIP! You can tap  to attach the file that you want to share with message.

- 5 Tap  to send your message.

TIP!

- The 160-character limit may vary from country to country depending on how the text message is coded and the language used in the message.
- If an image, video, or audio file is added to a text message, it will be automatically converted into a multimedia message and you will be charged accordingly.

NOTE

- When you get a text message during a call, there will be an audible notification.

Conversation view

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

Changing your messaging settings

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

- Tap  >  >  > **Settings**.







E-mail

You can use the Email application to read email from providers other than Gmail.

Managing email accounts

To open the Email application

The first time you open the Email application, a setup wizard opens to help you add an email account.

- 1 Tap  >  > .
- 2 Enter your Email address, then tap .
- 3 Choose your account type. The Email application supports the following account types: POP3, IMAP and EXCHANGE.
- 4 Enter your password and tap .
- 5 Enter the required and optional information about the account and tap . Wait while the server connects your account.

Adding another email account:

- Tap  >  >  >  > **Settings** > **Add account**.







Changing an email general settings:

- Tap  >  >  >  > **Settings** > **General settings**.

Deleting an email account:

- Tap  >  >  > **Accounts** > **Select email account type** > tap the account you want to delete account to delete >  > **Remove account**.




Composing and sending email

- 1 Tap  >  >  > tap the  icon to create a new email.
- 2 Enter an address for the message's intended recipient. As you enter text, matching addresses will be offered from your contacts. Separate multiple addresses with semicolons.
- 3 Tap the **Cc/Bcc** field to copy or blind copy to other contacts/email addresses.
- 4 Tap the text field and enter your message.
- 5 Tap  to attach the file you want to send with your message.
- 6 Tap  to send the message.

Camera and Video

Camera options on the viewfinder





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

- Tap  >  > .










- 1 Settings** – Tap this icon to open the camera settings menu.
- 2 Capture** – Tap to take a photo.
- 3 Shot mode** – Allows you to select the shot mode.

Taking a photo









- 1 Tap  >  > .
- 2 Frame your subject on the screen.
- 3 A square around the subject indicates that the camera has focused.
- 4 Tap  to take a photo. Your picture will be automatically saved to the Gallery.

Panorama mode

Allows you to take a panoramic picture.




- 1 Tap  >  > .
- 2 Tap , > .
- 3 Tap  to start taking the panoramic picture.
- 4 Pan your phone slowly in one direction.
- 5 Make sure that the focus area aligns with the blue guideline while taking the photo.
- 6 Tap  to stop taking the panoramic picture.

Recording a video

- 1 Tap  >  >  > .
- 2 Tap  to start recording the video.
- 3 The length of the recording is displayed on the top of the screen.
- 4 Tap  to pause recording video. You can resume recording again by tapping .
- OR -
- Tap  to stop recording. Your video will be automatically saved to the Gallery.

Gallery

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

- 1 Tap  >  >  to view the images stored in the storage.
- 2 Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
- 3 Tap a picture in an album to view it.

NOTE

- Depending on the software installed, some file formats may not be supported.
- Some files may not play properly due to their encoding.

Viewing pictures




The Gallery displays your pictures in folders. When an application, such as E-mail, saves a picture, the download folder is automatically created to contain the picture. Likewise, capturing a screenshot automatically creates the Screenshots folder. Pictures are displayed by the date they were created. Select a picture to view it full screen. Scroll left or right to view the next or previous image.

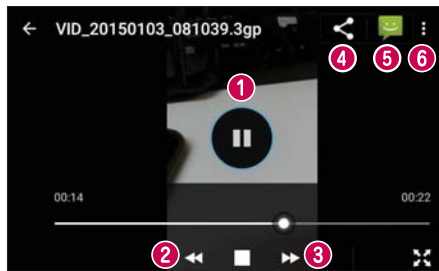
Zooming in and out

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

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

Video options

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



1		Tap to pause/resume video playback
2		Tap to rewind 3 seconds.
3		Tap to fast-forward 3 seconds.
4		Tap to open the available sharing options (such as Messaging or Bluetooth).
5		Tap to share Message.
6		Tap to access additional options.

Editing photos

While viewing a photo, tap .

Deleting photos/videos

Use one of the following methods:

- While viewing a photo, tap > **Delete**.

Setting wallpaper

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




NOTE

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

Utilities

Clock

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

- Tap  >  > .

Alarms

The Alarms tab allows you to set alarms.

- 1 Tap  >  >  > .
- 2 Tap  to add a new alarm.
- 3 Adjust the settings as necessary and tap **OK**.

NOTE

- You can also tap an existing alarm to edit it.


Timer

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

- 1 Tap  >  >  > .
- 2 Set the desired time on the timer.
- 3 Tap  to start the timer.
- 4 Tap  to stop the timer.

Stopwatch

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

- 1 Tap  >  >  > .
- 2 Tap  to start
- 3 Tap  to stop the timer.
- 4 Tap  to clear the stopwatch.




World clock

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

- 1 Tap  >  >  > .
- 2 Tap  and select the desired city.

Calculator

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

- 1 Tap  >  > .
- 2 Tap the number buttons to enter numbers.
- 3 For simple calculations, tap the function you want to perform (+, -, x or ÷) followed by =.

Calendar

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

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


Sound Recorder

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

Recording a sound or voice




- 1 Tap  >  > .
- 2 Tap  to begin recording.
- 3 Tap  to end the recording.
- 4 Tap  to listen to the recording.

NOTE

- Tap  to access your recordings. You can listen to your saved recordings.

Voice Search

Use this application to search webpages using voice.




- 1 Tap  >  > .
- 2 Say a keyword or phrase when **Listening...** appears on the screen. Select one of the suggested keywords that appear.

NOTE

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

Downloads

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




- Tap  >  > .

NOTE

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

FM Radio

Your phone has a built-in FM radio so you can tune in to your favorite stations and listen on the go.

- Tap  >  > .

TIP! You must plug in your earphones in order to use them as an antenna.

NOTE

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




Web Browser

Browser

The internet gives you a fast, full colour world of games, music, news, sports, entertainment, and much more, right on your mobile phone.





NOTE

• Additional charges apply when connecting to these services and downloading content. Check data charges with your network provider.

- Tap  >  > .

Using the Web toolbar

Scroll towards the top of the webpage to access the browser toolbar.

	Tap to go back one page.
	Tap to go forward one page.
	Tap to open a new window.
	Tap to access your bookmarks.

Viewing webpages

Tap the address field, enter the web address and tap  on the keyboard.

Opening a page

To go to a new page, tap  > .

Bookmarks

To bookmark the current webpage, tap  > **Save to bookmarks** > **OK**.




To open a bookmarked webpage, tap  and select the desired bookmark.

History

Tap  > **History** tab to open a list of recently visited webpages.

Chrome


Use Chrome to search for information and browse webpages.

- Tap  >  > .

NOTE

- This application may not be available depending on your region and service provider.

Searching the web by voice

Tap the address field and then tap . When prompted, say a keyword and select one of the suggested keywords that appear.

NOTE

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

Viewing webpages

Tap the address field, and then enter a web address or search criteria.




Opening a page

To open a new page, tap  > **New tab**.

Settings

The Settings application contains most of the tools for customizing and configuring your phone. All of the settings in the Settings application are described in this section.

To open the Settings application

- Tap  >  > .

Wireless & networks

Wi-Fi

Turns on Wi-Fi to connect to available Wi-Fi networks.

Bluetooth

Turns the Bluetooth wireless feature on or off to use Bluetooth.

SIM cards

You can configure SIM settings.

Data usage

Displays the data usage and mobile data usage limit.

More

- **Airplane mode:** Airplane Mode (flight mode) allows you to use many of your phone's features, such as games, and music, when you are in an area where making or receiving calls or data use is prohibited. When you set your phone to Airplane Mode, it cannot send or receive any calls or access online data.
- **Default SMS app:** Allows you to set your default SMS app.
- **Tethering & portable hotspot:** Allows you to share the internet connection
- **VPN:** From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.
- **Cellular networks:** Allows you to adjust your mobile data networks.

Device

Display

- **Wallpaper:** Sets the wallpaper to use on your Home screen.
- **Lock Screen Wallpaper:** Allows you to set your Lock screen wallpaper
- **Brightness level:** Adjust the screen brightness by using the slider.
- **Sleep:** Set the time delay before the screen automatically turns off.
- **Daydream:** Select the screen saver to display when the phone is sleeping while docked and/or charging.
- **Font size:** Select the desired font size.
- **When device is rotated:** Set to switch orientation automatically when you rotate the phone.
- **Cast screen:** Allows you to Mirror the display of your phone on a compatible device.

Sound & notification

- **Volume:** Adjust the phone's volume settings to suit your needs and environment.
- **Also vibrate for calls:** Checkmark for vibration feedback for calls.
- **Interruptions:** Allows you to set a schedule when to prevent interruptions from notifications. You can set to allow certain features to interrupt when Priority only is set.
- **Phone ringtone:** Allows you to set the ringtones for calls.
- **Default notification ringtone:** Allows you to set the default notification ringtones
- **Other sounds:** Tap to set the Dial pad tones, Screen locking sounds, Touch sounds and Vibrate on touch.
- **When device is locked:** Allows you to choose if you want to show or hide notifications on the lock screen.
- **App notifications:** Allows you to prevent apps from displaying notifications or set apps to show notifications with priority when Do not disturb is set to Priority only.