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ENGLISH

USER GUIDE

LG-H955P

This model is not intended for sale in the USA

MFL00000000 (1.0)

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User Guide

- Screen displays and illustrations may differ from those you see on actual phone.
- Some of the contents of this guide may not apply to your phone, depending on the software and your service provider. All information in this document is subject to change without notice.
- This handset is not suitable for people who have a visual impairment due to the tap screen keyboard.
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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 10% of space available in your phone memory, your phone cannot receive new messages. You 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** tab > > **General** tab > **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 don't have 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 have downloaded may reduce battery power.
- While using downloaded applications, check the battery charge level.

NOTE: If you accidently press the Power/Lock Key while the device is in your pocket, the screen will turn off automatically in order to save battery power.

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.

⚠ **WARNING**

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. Using the Hard Reset (Factory Reset)

If your phone does not restore to its original condition, use a Hard Reset (Factory Reset) to initialize it.

1. Turn the power off.
2. Press and hold the **Power/Lock key + Volume Down key** on the back of the phone.
3. Release the **Power/Lock Key** only when the boot logo is displayed, then immediately press and hold the **Power/Lock Key** again.
4. Release all keys when the Factory hard reset screen is displayed.

5 Press the **Power/Lock Key** to continue or either of the **Volume Keys** to cancel.
6 Press the **Volume Keys** to highlight **YES** once more, then press the **Power/Lock Key** to confirm.

⚠ **WARNING**
If you perform a Hard Reset, all user applications, user data and DRM licenses will be deleted. Please remember to backup any important data before performing a Hard Reset.

5. Opening and switching applications

Multi-tasking 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 one. Use and switch between several open applications. Android manages each application, stopping and starting them as needed to ensure 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 running in the background on the phone. Make sure to tap ◁ to exit an app after using it.

- To remove an app from the recent apps list, swipe the app preview to the left or right. To clear all apps, tap **Clear all**.

6. When the screen freezes

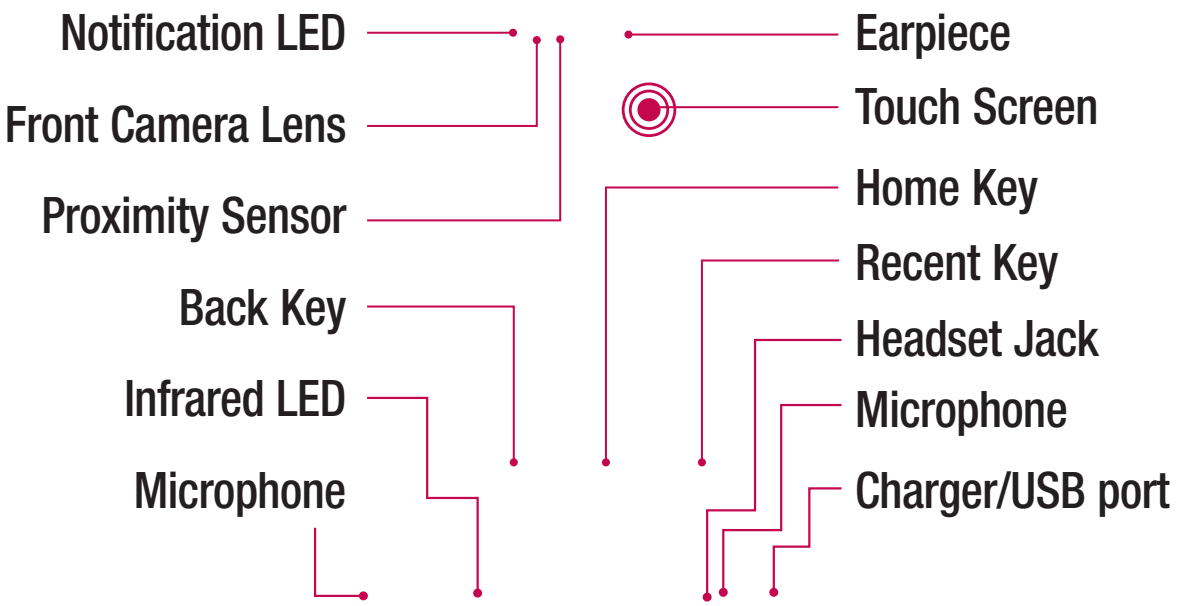
If the screen freezes or the phone does not respond when you try to operate it:
Press and hold the **Power/Lock Key** and the **Volume Down Key** for about 10 seconds to reset your phone. To turn your phone off, press and hold the **Power/Lock Key** and the **Volume Down Key** for about 20 seconds. If it still does not work, please contact the service center.

7. Do not connect your phone when you power on/off your PC

Make sure to disconnect your phone from the PC when powering your PC on or off as it might result in PC errors.

Getting to know your phone

Phone layout



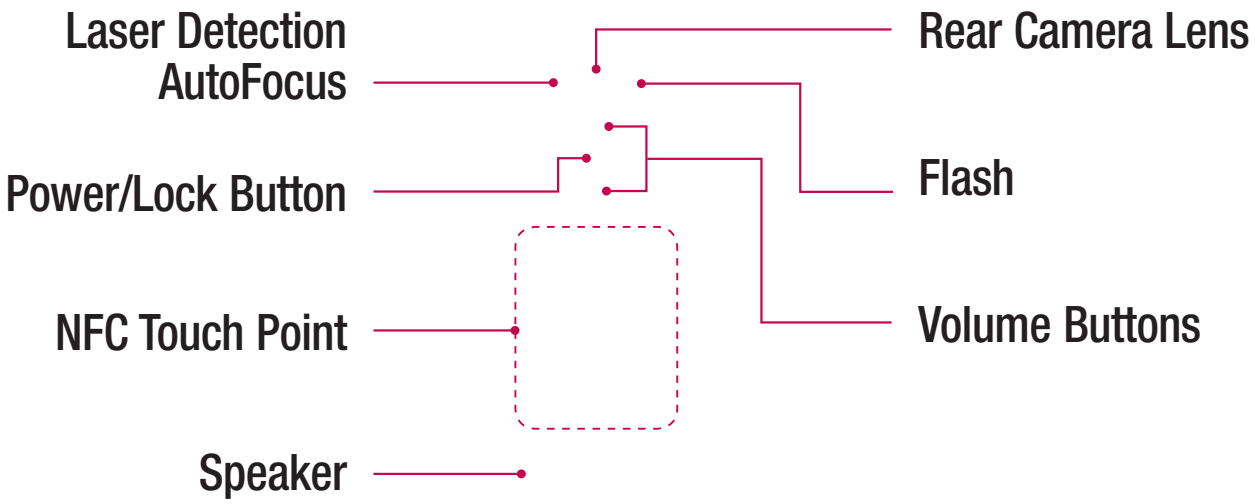
Back Key	Returns to the previous screen. Also closes pop-up items such as menus, dialog boxes, and the on-screen keyboard. Touch and hold it to access Dual window.
Home Key	Return to the Home screen from any screen.
Recent Key	Displays recently used applications. If you touch and hold this key, it opens available options menu.

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 LCD and touch screen functions. Do not cover the LCD proximity sensor with protective film. This could cause the sensor to malfunction.



Power/Lock Button	• Switch your phone on/off by pressing and holding this key • Short press to lock/unlock the screen
Volume Buttons	**(While screen is switched off)** • Long Press Up to launch QuickMemo+ • Long Press Down to launch Camera

⚠ **WARNING**

- This part encloses the battery compartment.
- Be careful not to damage the NFC touch point on the phone, which is part of the NFC antenna.

NOTE: The back cover of this product applies a "self-healing" technology, which self-repairs minor scratches in just a few minutes. Minor scratches are those cause by ordinary and normal use of the phone. Scratches caused by abrasive surface, misuse, including but not limited to intentional scratches, and damages caused by a fall or dropping the product, may not disappear. The "self-healing" results may vary depending on the extent of the damage as well as other conditions. Any warranty on the "self-healing" is hereby expressly excluded.

NOTE: LDAF Sensor (Laser Detection AutoFocus Sensor)

By detecting the distance with laser, when you recording with the rear camera lens, LDAF Sensor enables you to focus the long or close range more fast and accurately.

Installing the SIM or USIM card

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

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 figure below.

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

NOTE: Only microUSIM cards work with the device.

NOTE: If you want to use the memory card, insert the memory card into the slot. Make sure the gold contact area is facing downwards.

3 Align the back cover over the battery compartment (1) and press it down until it clicks into place (2).

Charging your phone

Charge the battery before using it for the first time. Use the charger to charge the battery. A computer can be also used to charge the device by connecting them via 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 pop up message regarding slow charging, Or this can cause the battery to explode or damage the device, which are not covered by the warranty.

The charger connector is at the bottom of the phone. Insert the charger and plug it into an electrical outlet.

NOTE:
- The battery must be fully charged initially to improve battery lifetime.
- Do not open the back cover while your phone is charging.

Unlocking the screen

After a period of inactivity, to conserve the battery, the screen you are currently viewing will be replaced by the lock screen.

Unlocking the screen

1 Press the **Power/Lock Button** or double-tap the center of the screen.
2 Swipe the screen in any direction to unlock it.

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 zoom on a webpage or a map.

Pinch-to-Zoom – Use your index finger and thumb in a pinching or spreading motion to zoom in or out when using the browser or Maps, or when browsing pictures.

Rotate the screen – From many applications and menus, the orientation of the screen adjusts to the device's physical orientation.

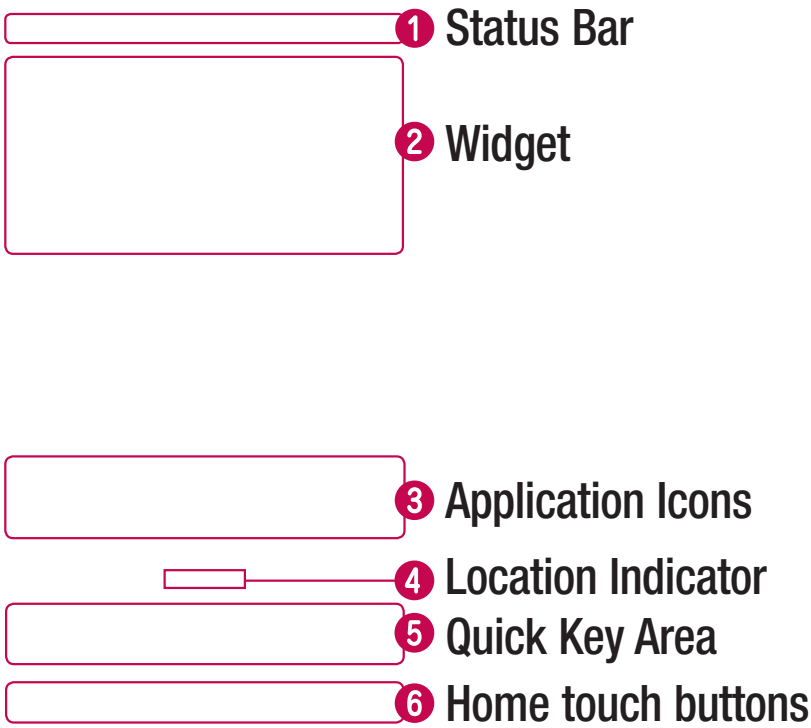
NOTE:

- To select an item, tap the center of the icon.
- 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 keys.

Your Home screen

Home screen

The Home screen is the starting point for many applications and functions, and it allows you to add items like application shortcuts, or 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. Widgets are self-contained applications that can be accessed through the Apps screen or on the Home screen or an extended home screen. Unlike a shortcut, the Widget appears as an on-screen application.
3. Tap an icon (application, folder, etc.) to open and use it.
4. Indicates which Home screen canvas you are viewing.
5. Provides one-touch access to the function in any home screen canvas.

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.

Customizing the Home screen

You can customize your Home screen by adding apps, widgets or 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 wish to add. You will 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 menu, touch and hold the application you want to add.

Removing an item from the Home screen

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

Adding an app as a Quick key

- From the Apps menu or on the Home screen, touch and hold an application icon and drag it to the Quick key area. Up to 7 apps can be added.

Removing an app from the Quick key area

- Touch and hold the desired quick key and drag it to .

NOTE: **Apps** key cannot be removed.

Customizing apps icons on the Home screen

1 Touch and hold an application icon until it is unlocked from its current position. Then drop it on the screen. The editing icon will appear in the upper right corner of the application.
2 Tap the application icon again and select the desired icon design and size.
3 Tap **OK** to save the change.

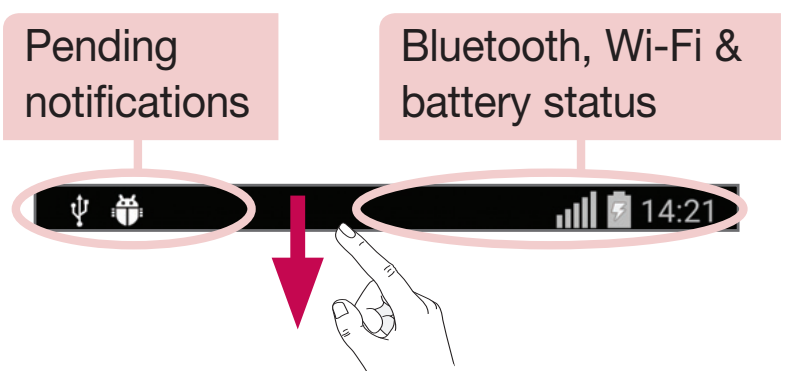
Returning to recently-used applications

1 Tap . A list of recently used applications will be displayed.
2 Tap an icon to open the application. Or tap to return to your previous screen.

Notifications panel

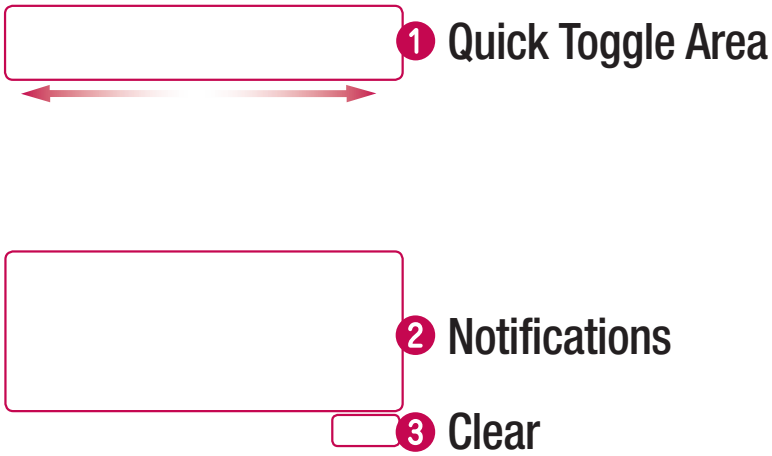
Notifications alert you the arrival of new messages, calendar events, and alarms, as well as to ongoing events, such as when you are on a call.
When a notification arrives, its icon appears at the top of the screen. Icons for pending notifications appear on the left, and system icons such as Wi-Fi or battery strength 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, touch and drag the screen toward the top of the screen.



1. Tap each quick toggle key to turn it on/off. Touch and hold the key to access the settings menu of the function. To see more toggle keys, swipe left or right. Tap to remove, add, or rearrange toggle keys.
2. The current notifications are listed, each with a brief description. Tap a notification to view it.
3. Tap to clear all the notifications.

Your Home screen

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		Ringer is silenced
	Airplane mode is on		Vibrate mode is on
	Connected to a Wi-Fi network		Battery fully charged
	Wired headset connected		Battery is charging
	Call in progress		Phone is connected to PC via USB cable
	Missed call		Downloading data
	Bluetooth is on		Uploading data
	System warning		GPS is on
	An alarm is set		Data is synchronizing
	New voicemail available		Choose input method

	New text or multimedia message		Media server content sharing on
	NFC is on		Wi-Fi hotspot is active

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

Using the keypad & entering text

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

Tap to switch to handwriting mode.

Tap to enter a space.

Tap to create a new line.

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 grows bigger and displays characters from different languages.

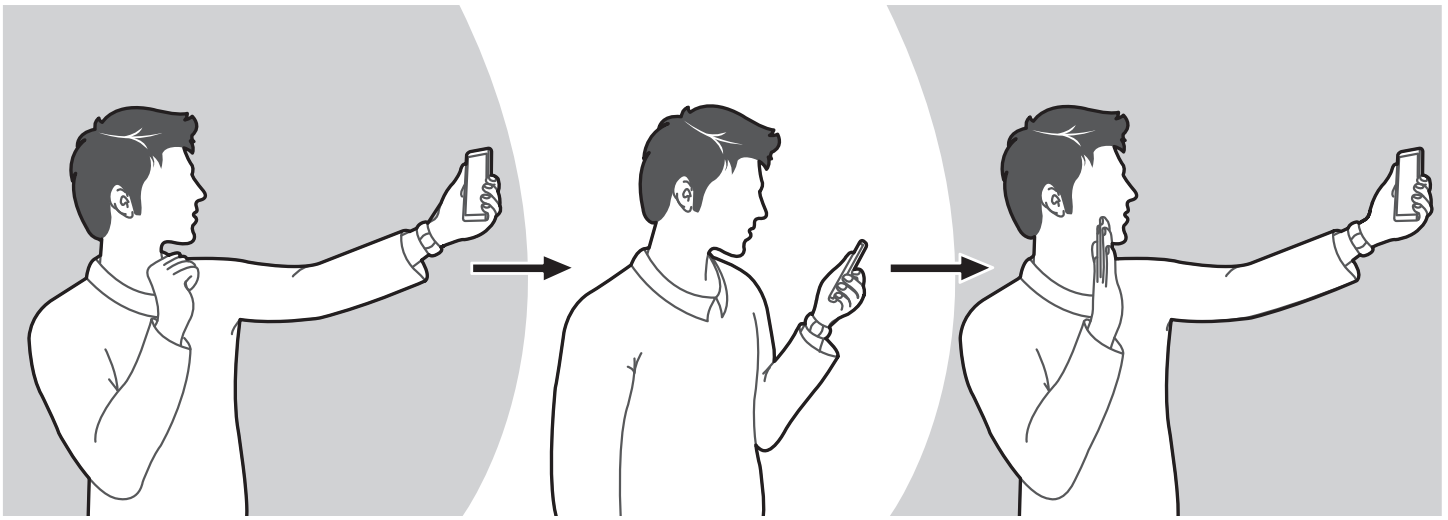
Then select the special character you want.

Special Feature

Gesture View

You can quickly check the photos taken with the front camera without tapping on the screen.

1 Tap ◯ > ⊞ > **Apps** tab > 📷.
2 Take a picture with the front camera.
3 After taking the picture, check the result by bringing the phone close to your face.

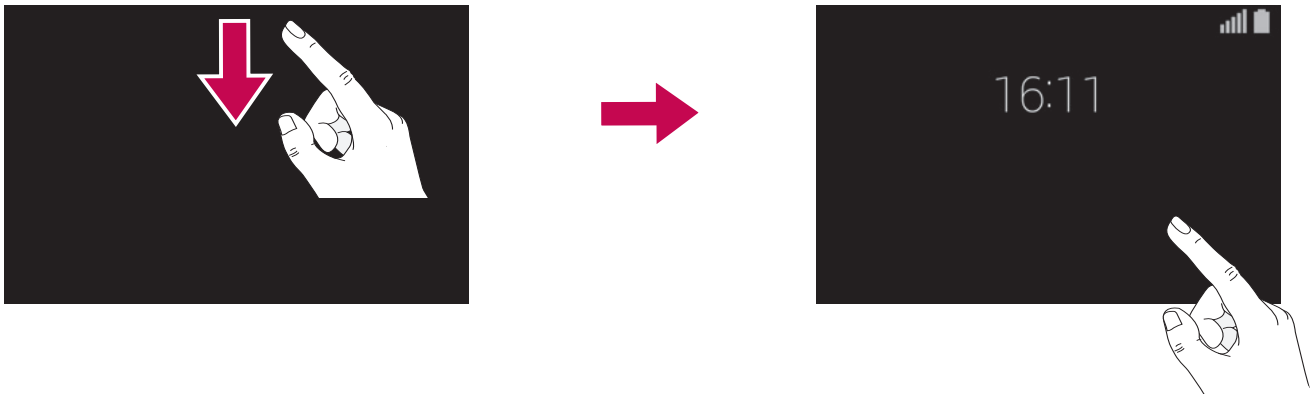


Taking a picture | Quick preview | Front camera mode

NOTE:
- This feature depends on the speed and angle of the gesture.
- This feature cannot be repeated twice.

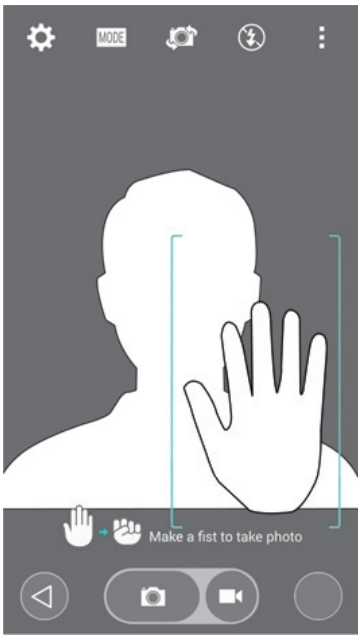
Glance View

When the phone screen is off, you can see the status bar, time and date by dragging your finger down on the screen.



Gesture shot

Take a picture with hand gesture. To take photo, raise your hand until front camera detects it and a box appears on the screen.



KnockON

You can lock or unlock the screen by just double-tap.

Double-tap the center screen quickly to unlock the screen. To lock the screen, double-tap the status bar in any screen (except on the camera viewfinder) or empty area on the Home screen.

NOTE: When turning the screen on, make sure you do not cover the proximity sensor. Doing so will turn the screen off immediately after turning it on in order to prevent abnormal turning on in your pocket or bag.

Knock Code

The Knock Code feature allows you to tap the screen with your own Knock Code pattern using the screen divided by 4 squares to easily turn the screen on or off. You can disable this feature in the Lock screen settings.

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.
- When the Knock Code is not in use, you can use Knock On function by taping the screen.

1 Tap > > **Apps** tab > > **Display** tab > **Lock screen** > **Select screen lock** > **Knock Code**.

2 Tap the squares in a pattern to set your Knock Code.
Your Knock Code pattern can be 3 to 8 taps. Tap Done when you're finished.

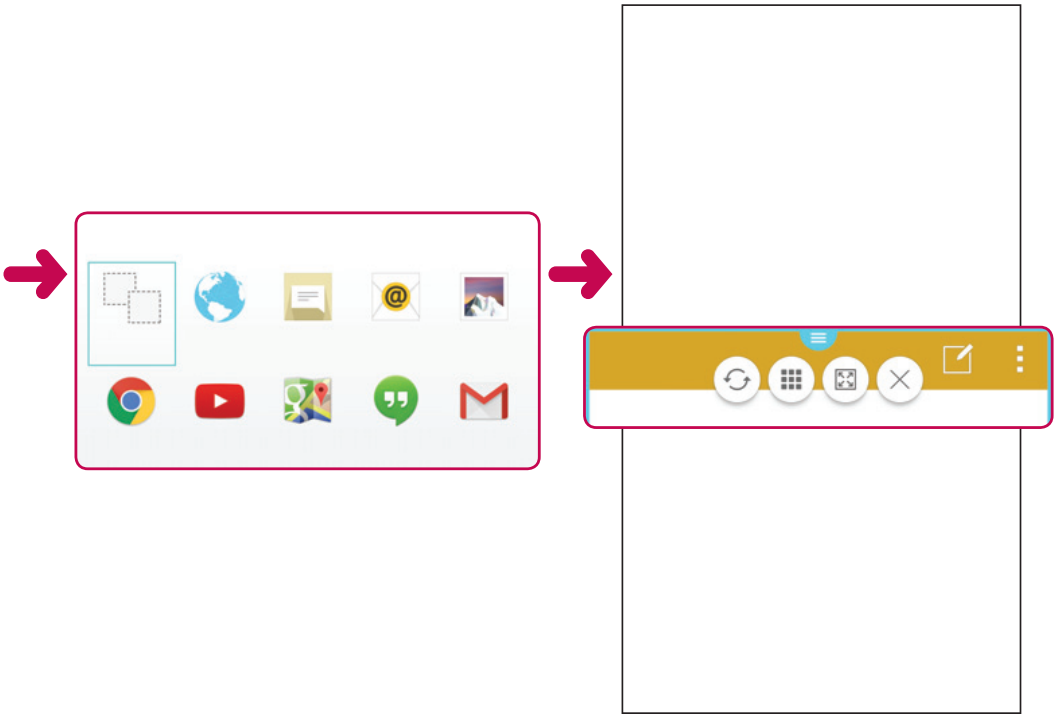
Unlocking the screen using the Knock Code

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

Dual Window

The two split-screen can be viewed at the same time.

1 Touch and hold the Back button to split the screen.
2 Tap or drag app icon you want to use.



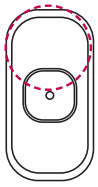
: Tap to view menu icons, or drag to resize split screens.
: Switch two screens.
: View app list.
: Change to full screen.
: Close current app.

NOTE: The Dual Window should be set before you use the function.

1 Tap > > **Apps tab** > > **General** tab > **Dual window**.
2 Checkmark the **Dual window** checkbox.

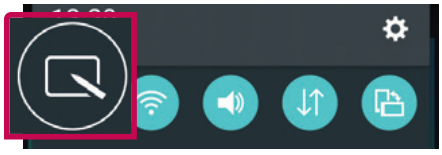
QuickMemo+

The **QuickMemo+** allows you to create memos and capture screen shots.Capture screens, draw on them and share them with family and friends with QuickMemo+.



1 (While screen is switched off) Press and hold the Volume Up key.

OR



OR

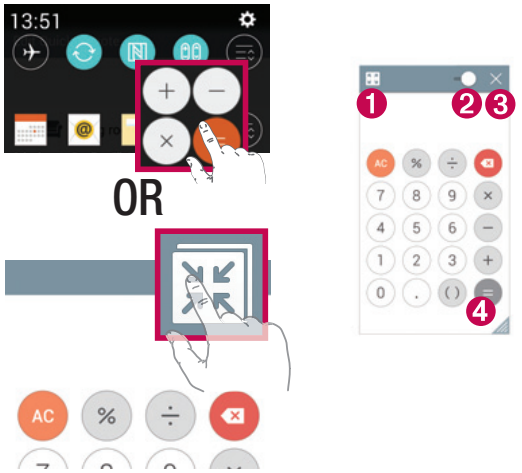
Touch and slide the status bar downward and tap .

2 Select the desired menu option from **Pen type**, **Colour**, **Eraser** and create a memo.

3 Tap in the Edit menu to save the memo with the current screen. To exit QuickMemo+ at any time, tap .

QSlide

From any screen, bring up a notepad, calendar, and more as a window inside your screen.



1		Tap to exit the QSlide and return to full window.
2		Tap to adjust transparency.
3		Tap to end the QSlide.
4		Tap to adjust the size.

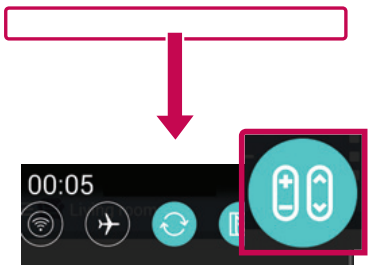
1 Touch and slide the status bar downwards > tap **QSlide** or while using applications that support QSlide, tap . The function will be continuously displayed as a small window on your screen.

2 You can make a call, browse the Web, or choose other phone options. You can also use and tap the screen under the small windows when the transparency bar is not full .

NOTE: The QSlide can support up to one window at the same time.

QuickRemote

QuickRemote turns your phone into a Universal Remote for your home TV, Set top box, audio system.

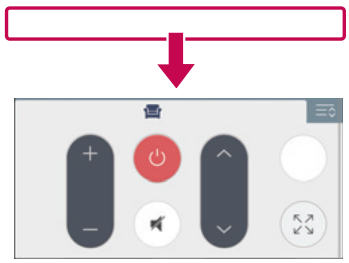


1 Touch and slide the status bar downwards and tap > **ADD REMOTE**.

OR

Tap > > **Apps** tab > > tap .

2 Select the type and brand of device, then follow the on-screen instructions to configure the device(s).



3 Touch and slide the status bar downwards and use QuickRemote functions.

NOTE: The QuickRemote operates the same way as an ordinary remote control infrared (IR) signals. Be careful not to cover the infrared sensor at the top of the phone when you use the QuickRemote function. This function may not be supported depending on the model, the manufacturer or service company.

Google account setup

When you first turn on your phone, you have the opportunity to activate the network, to sign into your Google Account and select how you want to use certain Google services.

Setting up your Google account:

- Sign into a Google Account from the prompted set-up screen.

  OR
- Tap > > **Apps** tab > select a Google application, such as **Play Store** > select **OR CREATE A NEW ACCOUNT**.

If you have a Google account, enter your email address and tap **NEXT**.

Once you have set up your Google account on your phone, your phone automatically synchronizes with your Google account on the Web.

Your contacts, Gmail messages, Calendar events and other information from these applications and services on the Web are synchronized with your phone. (This will depend on your synchronization settings.)

After signing in, you can use Gmail™ and take advantage of Google services on your phone.

Connecting to Networks and Devices

Wi-Fi

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

Connecting to Wi-Fi networks

1 Tap > > **Apps** tab > > **Networks** tab > **Wi-Fi**.
2 Set **Wi-Fi** to **ON** to turn it 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 need to enter a 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**, additional charges may be applied by your mobile operator for mobile data use.

TIP! How to obtain the MAC address

Tap > > **Apps** tab > > **Networks** tab > **Wi-Fi** > > **Advanced Wi-Fi** > **MAC address**.

Bluetooth

You can use Bluetooth to exchange data between near devices.

NOTE:
- LG is not responsible for the loss, interception or misuse of data sent or received via the Bluetooth feature.
- Always ensure 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 up your phone with another Bluetooth device

1 Tap > > **Apps** tab > > **Networks** tab > **Bluetooth**.
2 Set **Bluetooth** to **ON** to turn it.
3 Tap **Search for devices** to view the devices in the Bluetooth Range.
4 Choose the device you want to pair with from the list. Once the paring is successful, your device will connect to the other device.

NOTE: Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you will be asked to enter it.

Sending data via Blutooth

1 Select a file or item such as a contact or media file.
2 Select the option for sending data via Bluetooth.

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

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

Receiving data via Blutooth

1 Tap ◯ > ⊞ > **Apps** tab > ⚙ > **Networks** tab > **Bluetooth**.
2 Set **Bluetooth** to **ON** to turn it.

Wi-Fi Direct

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

Turning on Wi-Fi Direct:

1 Tap ◯ > ⊞ > **Apps** tab > ⚙ > **Networks** tab > **Wi-Fi.**
2 Tap ⋮ > **Advanced Wi-Fi** > **Wi-Fi Direct**.
3 Select a device to connect with from the scanned device list.

SmartShare

You can enjoy SmartShare feature on Gallery and Music.

1 On the content you want to play or beam, tap ⇥ or ⋮ > **SmartShare**.
2 Tap **Play** or **Beam** in the dialog box.

- **Play:** You can stream your content via TV, Bluetooth speaker, etc.
- **Beam:** You can send your content to Bluetooth devices or SmartShare Beam*-supported LG phones or tablets.
  *SmartShare Beam quickly transfers multimedia contents through Wi-Fi Direct.

3 Tap the device to play or receive on the list.

- If the device is not on the list, make sure on the device that Wi-Fi, Wi-Fi Direct, or Bluetooth connection is turned on. And tap **Rescan.**

4 Tap **Send**.

Enjoying content from nearby devices such as a computer or mobile device on your phone

1 To connect the nearby devices to your phone, tap **Nearby devices** on **Gallery**, **Music** application as below.

- Ensure that your phone and nearby devices are connected to the same Wi-Fi network.
- Make sure DLNA feature on the nearby device is turned on.

2 Tap the device to connect.
If the device is not on the list, tap **Search nearby devices**.

After connection, you can enjoy the contents from the nearby device on your phone.

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 a USB cable.
2 Slide down the notifications panel, and select the **Media sync (MTP)**.
3 Transfer data between a PC and the device.

NOTE:
- LG Android Platform Driver on your PC.
- Check the requirement to use **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 keypad.
2 Enter the number using the keypad. To delete a digit, tap the .
3 Tap to make a call.
4 To end a call, tap the **End** icon .

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

Calling your contacts

1 Tap to open your contacts.
2 Scroll through the contact list or enter the first few letters of the contact you want to call by tapping **Search contacts**.
3 In the list, tap you want to call.

Answering and rejecting a call

When you receive a call, swipe the in any direction to Answer the incoming call. Swipe the in any direction to Decline an incoming call.

Making a second call

1 During your first call, tap ⋮ > **Add call** and dial the number.
2 Tap to make 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 to start a conference call.
5 To end active calls, tap **End**.

NOTE: You are charged for each call you make.

Viewing your call logs

On the Home screen, tap and choose the **Call logs**.
View a complete list of all dialled, received and missed calls.

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

Call settings

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

1 On the Home screen, tap .
2 Tap ⋮.
3 Tap **Call settings** and choose the options that you wish to adjust.

Contacts

Add contacts to your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

Searching for a contact

On the Home screen

1 Tap to open your contacts.
2 Tap **Search contacts** and enter the contact name using the keyboard.

Adding a new contact

1 Tap , enter the new contact's number, then tap the .
Tap **Add to Contacts** > **New contact**.
2 If you want to add a picture to the new contact, tap the image area.
Choose from **Take photo** or **Select from Gallery**.
3 Tap a category of contact information and enter the details about your contact.
4 Tap **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 to the right corner of the contact's name. The star will turn yellow color.

Removing a contact from your favourites list

1 Tap to open your contacts.
2 Tap the **Favourites** tab, and choose a contact to view its details.
3 Tap the yellow color star to the right corner of the contact's name. The star turns white color and the contact is removed from your favourites.

Creating a group

1 Tap to open your contacts.
2 Tap **Groups** and tap the **.** Select **New group**.
3 Enter a name for the new group. You can also set a ringtone for the newly created group.
4 Tap **Save** to save the group.

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

Messaging

Your phone combines SMS and MMS into one intuitive, easy-to-use menu.

Sending a message

1 Tap on the Home screen and tap to open a blank message.
2 Enter a contact name or contact number in the **To** field. As you enter the contact name, matching contacts will appear. You can tap a suggested recipient. You can add more than one contact.

NOTE: You will be charged for a text message for every person to whom you send the message.

3 Tap the **Enter message** field and begin composing your message.
4 Tap to open the options menu.

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

5 Tap **Send** to send your message.
6 Responses will appear on the screen. As you view and send additional messages, a message thread is created.

WARNING:

- The 160-character limit may vary from country to country, depending on the language and how the SMS is coded.
- If an image, video or audio file is added to an SMS message, it is automatically converted into an MMS message and you are charged accordingly.

Threaded box

Messages (SMS, MMS) exchanged with another party can be displayed in chronological order so that you can conveniently see an overview of your conversation.

Changing your message settings

Your phone message settings are pre-defined, so you can send messages immediately. You can change the settings according to your preferences.

- Tap the **Messaging** icon on the Home screen, tap ⋮ and then tap **Settings**.

E-mail

You can use the E-mail application to read emails from services like Gmail. The E-mail application supports the following account types: POP3, IMAP and Exchange.

Your service provider or system administrator can provide you with the account settings you need.

Managing an email account

The first time you open the **E-mail** application, a set-up wizard opens to help you to set up an email account.

After the initial set-up, E-mail displays the contents of your inbox.

Adding another email account:

- Tap > > **Apps** tab > **E-mail** > tap > **Settings** > **Add account.**

Changing an email general settings:

- Tap > > **Apps** tab > **E-mail** > tap > **Settings** > **General settings**.

Deleting an email account:

- Tap > > **Apps** tab > **E-mail** > tap > **Settings** > tap > **Remove account** > Select the account to delete > **Remove** > select **Yes.**

Working with account folders

Tap > > **Apps** tab > **E-mail** > tap and select **Folders**.

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

E-mail

Composing and sending email

Composing and send a message

1 While in the **E-mail** application, tap the .
2 Enter an address for the message's intended recipient. As you enter text, matching addresses will be proposed from your Contacts. Separate multiple addresses using semicolons.
3 Tap the to add a Cc/Bcc and tap to attach files, if required.
4 Enter the text of the message.
5 Tap .

TIP! When a new email arrives in your Inbox, you will be notified by a sound or vibration.

Camera and Video

To open the Camera application, tap > > **Apps** tab > .

Getting to know the viewfinder

1. **Clear view on&off** – Tap to display and hide the camera options on the screen.
2. **Flash** – Tap to choose from **Off** , **On** , **Auto** .
3. **Swap camera** – Tap to swap between the rear camera lens and the front camera lens.
4. **Shot mode** – Tap to choose from **Auto**, **Panorama** or **Dual**.
5. **Settings** – Tap to adjust the camera and video settings.
6. **Gallery** – Tap to access your Gallery.
7. **Record** – Tap to start recording a video.
8. **Capture** – Tap to take a photo.
9. **Back key** – Tap to close the selected menu or exit the Camera app.

NOTE: Please ensure the camera lens is clean before taking pictures.

Using the advanced settings

In the viewfinder, tap ⚙ to open the advanced options. You can change the camera settings by scrolling through the list. After selecting the option, tap ◁.

HDR ON	Combines photos taken at multiple exposures into one optimal photo to get a better photo in tricky lighting situations.
W10M	Selects photo resolution. If you choose high resolution, file size will increase, which means you will be able to store fewer photos in the memory.
	To take a photo, say one of the following words: Cheese, Smile, Whiskey, Kimchi or LG.
OFF	Sets a delay after the capture button is pressed. This is ideal if you want to be in the photo.
	It is easily used to take better pictures to keeping horizontal and verticals.
?	Opens the help guide to know how a function operates.

TIP!
The setting menu is superimposed over the viewfinder, so when you change photo color or quality elements, you will see a preview of the changed image behind the Settings menu.

Taking a quick photo

1 Open the **Camera** application and point the lens toward the subject your want to photograph.
2 Focus boxes will appear in the center of the viewfinder screen. You can also tap anywhere on the screen to focus on that spot.
3 When the focus box turns blue, the camera has focused on your subject.
4 Tap to capture the photo.

Once you've taken a photo

Tap the image thumbnail at the bottom of the Camera screen to view the last photo you took.

	Tap to edit the photo.
	Tap to take another photo immediately.
	Tap to send your photo to others or share it via social network services.
	Tap to delete the photo.
	Tap to access the options that you wish to adjust.
	Tap to add the photo to **Favourites**.

TIP! If you have an SNS account set up on your phone, you can share your photo with your SNS community.

NOTE: Additional charges may apply when MMS messages are downloaded while roaming.

Recording a quick video

1 Open the **Camera** application.
2 Holding the phone, point the lens towards the subject you wish to capture in your video.
3 Tap once to start recording.
4 A red light will appear at the top right corner of the viewfinder with a timer showing the length of the video.
5 Tap on the screen to stop recording.

TIP!

– Tap to capture an image during recording a video.

– Tap to pause recording a video.

After recording a video

In the viewfinder, tap the video thumbnail at the top of the screen to view the last video you took.

	Tap to record another video immediately.
	Tap to open the available sharing options (such as Messaging or Bluetooth) to share.
	Tap to delete the video.
	Tap to access the options that you with to adjust.

NOTE: Additional charges may apply when MMS messages are downloaded while roaming.

Multi-point Auto Focus

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

Burst shot

Allows you to take multiple shots quickly. Touch and hold .

Panorama mode

Allows you to take a picture a long way over a wide area of land.

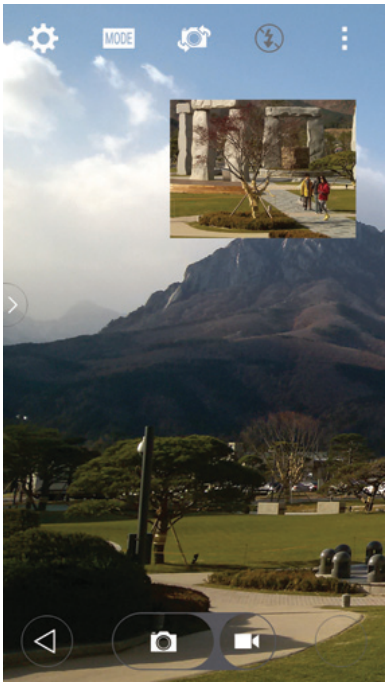
1 Tap > > **Apps** tab > .
2 MODE > **Panorama**.
3 Tap to start.
4 Pan your phone slowly to one direction.
5 Fit focus area to blue guideline to take photo.
6 Tap stop button when finished.

Dual

The Dual feature allows you to take a picture or record video with the front and rear cameras at the same time.

1 Tap > > **Apps** tab > .

2 Tap MODE > .



NOTE: Drag the small screen to move it to your desired location. Touch and hold the small screen to resize it. Tap on the small screen to switch screens.

3 Tap to stop dual recording.

Super Zooming

You can use a zoom up to 8 times while taking pictures.

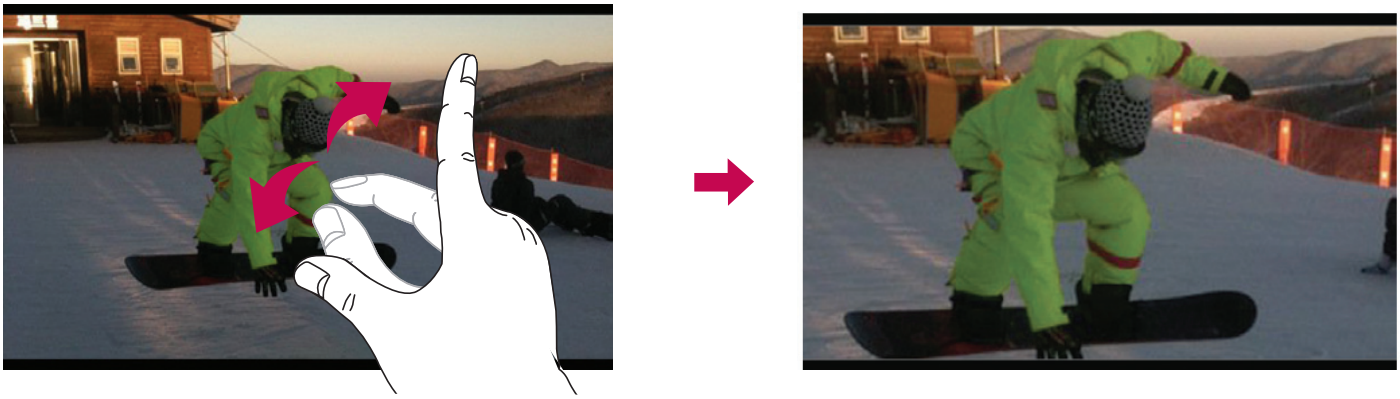
TIP! This function operates automatically while zooming in and out.

NOTE: Use a steady hand. This feature does not work with some functions Objects can be overlapped when taking a picture of fast-moving subjects.

Live Zoom

Live Zoom allows you to zoom in or zoom out on a portion of a video that is being played to make the desired section appear larger or smaller.

When viewing a video, use your index finger and thumb in a pinching or spreading motion to zoom in or out.



NOTE: Do not press too hard; the touch screen is sensitive enough to pick up a light, but firm touch.

Dual Play

Dual Play (connected wired or wirelessly to two displays) can be run on a different screen.

NOTE: Connect two devices using wired (Slimport-HDMI) cable or a wirelessly (Miracast). The connectable device can be a TV or a monitor supported by an HDMI cable or Miracast. The Gallery, Video apps are supported on Dual Play. Tap the ◯ once when two displays are a different status (i.e. the monitor is playing a video and your phone's video app is displaying empty screen), then Dual Play will start. Not all videos are supported by Dual Play. Dual Play operates at 1280X720 or higher display resolution.

Camera and Video

Gallery

Open the **Gallery** application to view albums of your pictures and videos.

1 Tap > > **Apps** tab > .
You can manage and share all your image and video files with Gallery.

NOTE:
- Some file formats are not supported, depending on the software installed on the device.
- Some files may not play properly, depending on how they are encoded.

Viewing pictures

Launching Gallery displays your available folders. When another 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. Select a folder to open it.

Pictures are displayed by creation date in a folder. 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 to zoom in. Pinch to zoom out, or double-tap to return.

Playing videos

Video files show the icon in the preview. Select a video to watch it and tap . The Videos application will launch.

1 Touch > **Apps** tab > .

2 Select the video you want to play.

1 /	Touch to pause/resume video playback.
2	Touch to go 10 seconds forward.
3	Touch to go 10 seconds backward.
4	Touch to manage the video volume.
5 /	Touch to lock/unlock a video screen.
6	Touch to rotate a video screen.
7	Touch to use QSlide.
8	Tap to share your video via the SmartShare function.
9	Tap to access the options that you wish to adjust.

To change the volume while watching a video, press the up and down volume keys on the back of the phone.

Editing photos

When viewing an photo, tap .

Deleting photos/videos

Use one of the following methods:

- In a folder, tap and select photos/videos by ticking, and then tap on **Delete**.
- When viewing a photo, tap .

Setting as wallpaper

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

NOTE:

- 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 files.

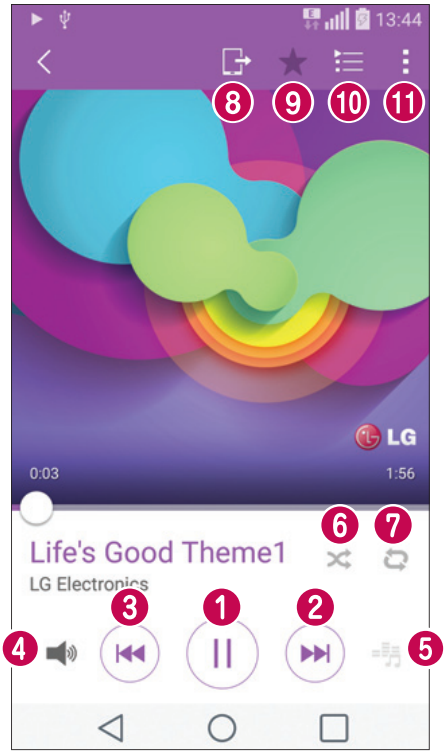
Multimedia

Music

Your phone has a built-in music player that lets you play all your favorite tracks. To access the music player, tap > > **Apps** tab > .

Playing a song

1 Tap > > **Apps** tab > .
2 Tap **Songs**.
3 Select the song you want to play.



1		Tap to pause playback.
		Tap to resume playback.
2		Tap to skip to the next track in the album, playlist, or shuffle. Touch and hold to fast forward.
3		Tap to restart the current track or skip to the previous track in the album, playlist, or shuffle. Touch and hold to rewind.

4		Tap to display the Volume slider bar, then adjust the playback volume on the slider bar.
5		Tap to set audio effects.
6		Tap to play the current playlist in shuffle mode (tracks are played in random order).
7		Tap to toggle through the repeat modes to repeat all songs, repeat current song, or repeat off.
8		Tap to share your music via the SmartShare funtion.
9		Tap to add the song to your favourites.
10		Tap to open the current playlist.
11		Tap to access the options that you wish to adjust.

To change the volume while listening to music, press the up and down volume keys on the back side of the phone.

NOTE:
- 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 files.

NOTE: Music file copyrights may be protected by international treaties and national copyright laws.
Therefore, it may be necessary to obtain permission or a licence to reproduce or copy music.
In some countries, national laws prohibit private copying of copyrighted material. Before downloading or copying the file, check the national laws of the relevant country concerning the use of such material.

Utilities

Clock

The Clock app to access 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 > > **Apps** tab > .

Alarm

The Alarms tab allows you to set varying alarm clocks.

1 Open the **Clock** app, then select the **Alarm** tab.
2 Tap the **New alarm** icon to add a new alarm, tap an alarm time to modify that alarm or tap a current alarm icon to activate an existing alarm.

Timer

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

1 Open the **Clock** app, then select the **Timer** tab.
2 Set the time on the digital timer. Tap the **Hour**, **Minute** or **Second** field then enter the numbers as necessary.

World colck

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

1 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.

Stopwatch

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

1 Open the **Clock** app, then select the **World clock** tab.
2 Tap the **Start** button and tap the **Stop** button to stop the time.
You can use the Lap function by tapping the Lap button to record multiple milestone times within the same timing session.
3 Tap the **Reset** button to reset the Stopwatch or Tap the green **Resume** button to continue monitoring time.

Calculator

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

1 Tap > > **Apps** tab > .
2 Tap the number keys to enter numbers.
3 For simple calculations, tap the function you want to perform (+, –, x or ÷) followed by =.
4 For more complex calculations, tap , then tap **Scientific calculator**.
5 To check the history, tap the icon .

Calendar

The Calendar app allows you to track your schedule of events(That you created or that you've been invited to), organized by day, week, month, year or agenda.

1 Tap > > **Apps** tab > .
2 On the screen, you can find the different view types for the Calendar (Day, Week, Month, Year, Agenda).
3 Tap on the date for which you wish to add an event and tap .

Voice 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 album. You can listen to the saved recording. The available recording time may differ from actual recording time.

Tasks

This task can be synchronized with MS Exchange account. You can create task, revise it and delete it in MS outlook or MS Office Outlook Web Access.

Synchronizing MS Exchange

1 Tap ◯ > ⊞ > **Apps** tab > ⚙ .
2 Tap **General** tab > **Accounts & sync** > **Add account**.
3 Tap **Microsoft Exchange** to create Email address and Password.
4 Make sure if you checkmark Sync task.

NOTE: MS Exchange may not be supported depending on email server.

Voice Search

Use this application to search webpages using voice.

1 Tap > > **Apps** tab > **Google** folder > .

2 Say a keyword or phrase when **Speak now** 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 > > **Apps** tab > .

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

LG SmartWorld

LG SmartWorld offers an assortment of exciting content – fonts, themes, games, applications.

How to Get to LG SmartWorld from Your Phone

1 Tap ◯ > ⊞ > **Apps** tab > tap the LG icon to access **LG SmartWorld**.
2 Tap Sign in and enter ID/PW for LG SmartWorld. If you have not signed up yet, tap Register to receive your LG SmartWorld membership.
3 Download the content you want.

* When you use Cellular network, data fee could be charged by data plan that you signed-up with carrier.
* LG SmartWorld may not be available from all carriers or in all countries.

NOTE: What if there is no LG icon?

1 Using a mobile Web browser, access LG SmartWorld (www.lgworld.com) and select your country.
2 Download the LG SmartWorld App.
3 Run and install the downloaded file.
4 Access LG SmartWorld by tapping the LG icon.

Special benefit only in LG SmartWorld

1 Decorate your own style on your Smartphone, Use Home Theme & Keyboard Theme & Font that provided on LG SmartWorld. (However this service is available to specific device. please check in LG SmartWorld website whether it is feasible or not whether it is feasible or not)
2 Enjoy LG SmartWorld's special service by joining promotion that consistently provided.

The Web

Internet

Use this application to browse the Internet. Browser gives you a fast, full-color world of games, music, news, sports, entertainment and much more, right on your mobile phone wherever you are and whatever you enjoy.

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

1 Tap ◯ > ⊞ > **Apps** tab > 🌐 .

Using the Web toolbar

Tap slide it upwards with your finger to open.

⇦	Tap to go back one page.
⇨	Tap to go forward one page, to the page you connected to after the current one. This is the opposite of what happens when you tap ◁, which takes you to the previous page.
⌂	Tap to go to the Home page.
⊞	Tap to add a new window.
🔖	Tap to access bookmarks.

Viewing webpages

Tap the address field, enter the web address and tap **Go**.

Opening a page

To go to new page, tap 1 → +.

To go to another webpage, tap 2, scroll up or down, and tap the page to select it.

Searching the web by voice

Tap the address field, tap 🎤, speak a keyword, and then select one of the suggested keywords that appear.

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

Bookmarks

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

To open a bookmarked webpage, tap ★ and select one.

History

Tap ★ > **History** to open a webpage from the list of recently-visited webpages. To clear all history, tap 🗑 → **Yes**.

Using Popup Browser

Use this feature to access the Internet without closing the current application.

While viewing content, such as contacts or notes that include web addresses, select a web address and then tap Popup Browser to open the pop-up browser. Touch and drag the browser to move it to another location.

To view the browser in full screen, tap ⤢.

To close the browser, tap ✕.

The Web

Chrome

Use Chrome to search for information and browse webpages.

1 Tap > > **Apps** tab > .

NOTE: This application may not be available, depending on your region and service provider.

Viewing webpages

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

Opening a page

To go to a new page, tap > **New tab**.

To go to another webpage, tap , scroll up or down and tap the page to select it.

Settings

This section provides an overview of items you can change using your phone's System settings menus.

Accessing the Settings menu:

Tap ◯ > Tap and hold ▢ > **System settings**.

- or -

Tap ◯ > ⊞ > **Apps** tab > ⚙ .

Networks

< WIRELESS NETWORKS >

Wi-Fi

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

Bluetooth

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

Mobile data

Displays the data usage and set mobile data usage limit.

Call

Configure phone call settings such as call forwarding and other special features offered by your carrier.

Voicemail – Allows you to select your carrier's voicemail service.

Fixed dialing numbers – Turn on and compile a list of numbers that can be called from your phone. You'll need your PIN2, which is available from your operator. Only numbers within the fixed dial list can be called from your phone.

Incoming voice call pop-up – Display incoming voice call pop-up when an app is in use.

Call reject – Allows you to set the call reject function.

Decline with message – When you want to reject a call, you can send a quick message using this function. This is useful if you need to reject a call during a meeting.

Call forwarding – Choose whether to divert all calls when the line is busy, when there is no answer or when you have no signal.

Auto answer – Set the time before a connected hands-free device automatically answers an incoming call.

Connection vibration – Vibrate your phone when the other party answers the call.

Noise suppression – Suppress background noise on my end during a call.

Voice clarity – Enhance voice quality in noisy environments so you can hear more clearly.

Save unknown numbers – Add unknown numbers to contacts after a call.

Power key ends call – Allows you to select your end call.

Call barring – Lock incoming, outgoing or international calls.

Call duration – View the duration of calls including Last call, Outgoing calls, Incoming calls and All calls.

Additional settings – Allows you to change the following settings.

- **Caller ID** – Choose whether to display your number in an outgoing call.
- **Call waiting** – If call waiting is activated, the handset will notify you of an incoming call while you are on a call (depending on your network provider).

< CONNECTIVITY >

Share & connect

NFC – Your phone is an NFC-enabled mobile phone. NFC (Near Field Communication) is a wireless connectivity technology that enables two-way communication between electronic devices. It operates over a distance of a few centimeters. You can share your content with an NFC tag or another NFC support device by simply tapping it with your device. If you tap an NFC tag with your device, it will display the tag content on your device.

To switch NFC on or off – From the Home screen, touch and slide the notification panel down with your finger, then select the NFC icon to turn it on.

NOTE: When airplane mode is activated, the NFC application can be used.

Using NFC – To use NFC, make sure your device is switched on, and activate NFC if disabled.

Android Beam – When this feature is turned on, you can beam app content to another NFC-capable device by holding the devices close together.

Just bring the device together(typically back to back) and then tap your screen. The app determines what gets beamed.

SmartShare Beam – Enable to receive files from LG phones.

Media server – Share the phone display and sound on TV.

Miracast – Mirror phone screen and sound onto Miracast dongle or TV Wirelessly.

LG PC Suite – Connect LG PC Suite with your phone to easily Manage multimedia content and apps.

Tethering & networks

USB tethering – Connect the USB cable to share the internet connection with the computer.

Wi-Fi hotspot – You can also use your phone to provide a mobile broadband connection. Create a hotspot and share your connection. Please **"Sharing your phone's data connection"** for more information.

Bluetooth tethering – Allows you to set your phone whether you are sharing the Internet connection or not.

Help – Tap to view help information on the Wi-Fi hotspot and Bluetooth tethering functions.

Airplane mode – After switching to Airplane mode, all wireless connections are disabled.

NOTE: You must set a lock screen PIN or password before you can use credential storage.

Mobile networks – Set options for data roaming, network mode & operators, access point names (APNs) etc.

VPN – Displays the list of Virtual Private Networks (VPNs) that you've previously configured. Allows you to add different types of VPNs.

Sound

< BASIC >

Sound profile

Choose the **Sound**, **Vibrate only** or **Do not disturb**.

Volume

Adjust the phone's volume settings to suit your needs and your environment.

Vibration strength

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

< RINGTONES & VIBRATIONS >

Ringtone

Set the ringtone for calls. You can also add a ringtone by tapping + at the top right corner of the screen.

Notification sound

Set the notification sound. You can also add a notification sound by tapping + at the top right corner of the screen.

Sound with vibration

Checkmark to set the phone to vibrate in addition to the ringtone when you receive calls.

Vibration type

Allows you to choose the type of vibration.

< NOTIFICATIONS >

Do not disturb

Tap to set notifications. You can have no interruptions from notifications.

Lock screen

Allows you to show all notifications on the Lock screen.

Apps

Allows you to set notifications for apps.

< ADVANCED SETTINGS >

Vibrate on tap

Checkmark to vibrate when tapping the Home touch buttons and during other UI interactions.

Sound effects

Tap to set the dial pad touch tones, touch sounds, and screen lock sound.

Dialpad touch sounds – Checkmark to play tones while using dial pad.

Touch sounds – Checkmark to play sound when making screen selection.

Screen lock sound – Checkmark to play sound when locking and unlocking the screen.

Message/call voice notifications

Tap the **Message/call voice notifications** switch to toggle it On or Off. On allows your device to incoming call and message events automatically.

Display

< HOME & LOCK >

Home screen

Select Home – Set **Home** or **EasyHome** as default home.

Smart Bulletin – Tap the **Smart Bulletin** switch to toggle it On or Off. It includes an additional Home screen showing customized information. Checkmark **LG Health**, or **Smart Tips**.

Theme – Sets the screen theme for your device. You can download it from **LG SmartWorld**.

Wallpaper – Sets the wallpaper to use on your Home screen.

Screen swipe effect – Sets the effect when you swipe to change screens.

Allow Home screen looping – Checkmark to allow continuous Home screen scrolling (loop back to first screen after last screen).

Home backup & restore – Set to backup and restore Home app layout and wallpaper.

Help – Displays information regarding the Home screen items and functions.

Lock screen

Select screen lock – Set a screen lock type to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern.

If you have enabled a Pattern lock type when you turn on your phone or wake up the screen, you will be asked to draw your unlock pattern to unlock the screen.

Smart Lock – Sets 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 recognizes your face.

Screen swipe effect – Sets the screen swipe effect options.

NOTE: This setting name may be Pattern effect if the Screen lock is set to Pattern.

Wallpaper – Sets your Lock screen wallpaper.

Shortcuts – Allows you to change the shortcuts on the **Swipe** Lock screen.

Weather animation – Checkmark to show weather animation for current location on lock screen.

Contact info for lost phone – Allows you to set the device owner's name to be displayed on the Lock screen.

Lock timer – Sets the amount of time before the screen automatically locks after the screen has timed-out.

Power button instantly locks – Checkmark to instantly lock the screen when the Power/Lock Key is pressed. This setting overrides the Security lock timer setting.

Home touch buttons

Set the Home touch buttons displayed at the bottom of all of the screens. Set which ones are displayed, their position on the bar, and what they look like.

< FONT >

Font type

Sets the type of font used for the phone and menus.

Font size

Sets the size of the font displayed in the phone and menus.

< OTHER SCREEN SETTINGS >

Brightness

Adjusts the brightness of the screen. For best battery performance, use the dimmest comfortable brightness.

Notification LED

Tap the switch to toggle it On or Off. On will activate the LED light for the notifications you select, in the color you set for each one.

Auto-rotate screen

Checkmark to set the phone to automatically rotate the screen based on the phone orientation (portrait or landscape).

Screen timeout

Sets the amount of time before the screen times out.

Screen mode

Sets the screen mode. Choose from **Standard**, **Vivid** and **Natural**.

< ADVANCED SETTINGS >

Screen-off effect

Sets the screen-off effect. Choose from **Black hole**, **Retro TV** and **Fade out**.

Daydream

Tap the Daydream switch to toggle it On or Off. On allows the set screensaver to be displayed when the phone is sleeping while docked and/or charging.

Auto-adjust screen tone

Checkmark to save battery power by adjusting screen brightness automatically with analysis of image colour.

General

< PERSONAL >

Language & input

Use the Language & input settings to select the language for the text on your phone and to configure the on-screen keyboard, including words you've added to its dictionary.

Language – Sets the language to use on your device.

Default – Sets the default on-screen keyboard to use when entering text.

LG Keyboard – Checkmark to select the LG Keyboard to enter data. Tap the Settings icon to change the following settings:

Google voice typing – Checkmark to select Google voice typing to enter data. Tap the Settings icon (Settings icon)to change the Google voice settings.

Voice Search – Sets voice search options.

Text-to-speech output – Sets the preferred speech engine and speech rate (very slow to very fast). Also plays a short demonstration of speech synthesis.

Pointer speed – Sets the pointer speed on a slide bar.

Location

Turn on location service, your phone determines your approximate location using GPS, Wi-Fi and mobile networks.

Mode – Set the location mode from **High accuracy (GPS and networks)**, **Battery saving (Networks only)** and **Device sensors only (GPS only)**.

Camera – Checkmark to tag photos or videos with their locations.

Google Location Reporting – Select whether to turn on or off **Google Location Reporting** options.

Accounts & sync

Permits applications to synchronize data in the background, whether or not you are actively working in them. Deselecting this setting can save battery power and lower (but not eliminate) data usage.

Cloud

Add a cloud account to quickly and easily use cloud service on LG apps.

Accessibility

Use the **Accessibility** settings to configure accessibility plug-ins you have installed on your phone.

NOTE: Requires additional plug-ins to become selectable.

One-handed operation

Dial keypad – Checkmark to enable you move the dial keypad to the right or left side of the device. Simply tap the arrow to move it to one side or the other.

LG keyboard – Checkmark to enable you move the keyboard to the right or left side of the device. Simply tap the arrow to move it to one side or the other.

Lock screen – Checkmark to enable you move the PIN Lock screen keypad to the right or left side of the device. Simply tap the arrow to move it to one side or the other.

Help – Displays information regarding one-handed operation.

Shortcut key

Get quick access to apps by pressing and holding the Volume keys when screen is off or locked. Tap the Shortcut key switch (Shortcut key switch image) at the top right corner of the screen to toggle it **On** or **Off**.

< PRIVACY >

Security

Content lock – Select lock types to lock files in Gallery. Choose from **Password** or **Pattern**.

Encrypt SD card storage – Allows you to encrypt SD card storage and keep data unavailable for other devices.

Phone Lock – Allows you to lock phone when powered on to protect data if lost or stolen.

Password typing visible – Show the last character of the hidden password as you type.

Phone administrators – View or deactivate phone administrators.

Unknown sources – Default setting to install non-Play store applications.

Verify apps – Disallow or warn before installation of apps that may cause harm.

Storage type – Hardware-backed.

Trusted credentials – Display trusted CA certificates.

Install from storage – Choose to install encrypted certificates.

Clear credentials – Remove all certificates.

Trust agents – View or deactivate Trust agents.

Screen pin – You can enable your device to only show a certain app's screen using screen pin.

< SMART FUNCTIONS >

Gestures

Answer an incoming call – Checkmark to enable you to bring the phone to your ear to automatically answer the incoming call.

Fade out ringtone – Checkmark to enable you to pick up the phone from the flat surface to fade out the incoming call ringtone.

Silence incoming calls – Checkmark to enable you to flip the phone to silence incoming calls.

Snooze or stop alarm – Checkmark to enable you to simply flip the device to snooze or stop the alarm.

Pause video – Checkmark to enable you to simply flip the device to pause the currently playing video.

Help – Opens a help guide on how to use the Gestures features of your device.

Motion sensor calibration – Allows you to improve the accuracy of the tilt and speed of the sensor.

QuickCircle case

Activate to make features, such as music, weather, and clock, available in small view when using the QuickCircle case.

Dual window

The two split-screen can be viewed at the same time.

Split view – Checkmark to tap a link on the full screen or attachment from emails to run dual windows automatically.

Help – Display tips for using dual window.

< PHONE MANAGEMENT >

Date & time

Use **Date & time** settings to set how dates will be displayed. You can also use these settings to set your own time and time zone rather than obtaining the current time from the mobile network.

Storage

INTERNAL STORAGE – View the internal storage usage.

Battery

BATTERY INFORMATION – The Battery charge information is displayed on a battery graphic along with the percentage of the remaining charge and its status.
Touch the Battery charge icon to display the Battery use screen to see battery usage level and battery use details. It displays which components and applications are using the most battery power. Tap one of the entries to see more detailed information.

Battery usage – View the battery usage.

Battery percentage on status bar – Checkmark to display the battery level percentage on the Status Bar next to the battery icon.

BATTERY SAVER – Tap the Battery saver switch to toggle it On or Off. Tap Battery saver to access the following settings:

TURN BATTERY SAVER ON – Sets the battery charge percent level that will automatically turn on Battery saver. Choose from Immediately, 5% battery and 15% battery.

Help – Display battery saving items information.

Smart cleaning

Display the space in use and free in your phone. Tap ⋮ at the top right corner of the screen to set notification interval and idle time period.

Apps

View and manage your applications.

Default message app

Set **Messaging** or **Hangouts** as default app.

Backup & reset

Change the settings for managing your settings and data.

Backup my data – Set to backup your settings and application data to the Google server.

Backup account – Set to backup your account.

Automatic restore – Set to restore your settings and application data when the applications are reinstalled on your device.

LG Backup service – Backs up all information on the device and restores it in the event of data loss or replacement.

Factory data reset – Reset your settings to the factory default values and delete all your data. If you reset the phone this way, you are prompted to re-enter the same information as when you first started Android.

Printing

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

About phone

View legal information and check your phone status and software version.

PC software (LG PC Suite)

For Windows OS

LG PC Suite helps you manage media contents and applications in your phone by allowing you to connect to your phone to your PC.

With the LG PC Suite software, you can...

- Manage and play your media contents (music, movie, pictures) on your PC.
- Send multimedia contents to your device.
- Synchronizes data (schedules, contacts, bookmarks) in your device and PC.
- Backup the applications in your device.
- Update the software in your device.
- Play multimedia contents of your PC from other device

* Some functions may not be available, depending on the model.

NOTE: You can use the Help menu from the application to find out how to use the LG PC Suite software.

Installing the LG PC Suite Software

To download the LG PC Suite software, please do the following:

1. Go to www.lg.com/us.
2. Go to **SUPPORT** > **MOBILE SUPPORT** > **PC Sync**.
3. Select the model information and click **GO**.
4. Scroll down, select the **PC SYNC** tab > **Windows** > **DOWNLOAD** to download LG PC Suite.

System Requirements for LG PC Suite software

- OS: Windows XP (Service pack 3) 32bit, Windows Vista, Windows 7, Windows 8
- CPU: 1 GHz or higher processors
- Memory: 512 MB or higher RAMs
- Graphic card: 1024 x 768 resolution, 32 bit color or higher

- HDD: 500 MB or more free hard disk space (More free hard disk space may be needed depending on the volume of data stored.)
- Required software: LG United drivers, Windows Media Player 10 or later.

NOTE: LG United USB Driver
The LG United USB driver is required to connect an LG device and PC. It is installed automatically when you install the LG PC Suite software application.

For Mac OS

With the LG PC Suite software, you can...

- Manage and play your media contents (music, movie, pictures) on your PC.
- Send multimedia contents to your device.
- Synchronizes data (schedules, contacts, bookmarks) in your device and PC.

* Some functions may not be available, depending on the model.

NOTE: You can use the Help menu from the application to find out how to use the LG PC Suite software.

Installing the LG PC Suite Software

To download the LG PC Suite software, please do the following:

1. Go to www.lg.com/us.
2. Go to **SUPPORT** > **MOBILE SUPPORT** > **PC Sync**.
3. Select the model information and click **GO**.
4. Scroll down, select the **PC SYNC** tab > **Mac OS** > **DOWNLOAD** to download LG PC Suite.

System Requirements for LG PC Suite software

- OS: Mac OS X (10.6.8) or higher
- Memory : 2GB RAM or higher
- Graphics card: 1024 x 768 screen resolution or higher and 32-bit color

PC software (LG PC Suite)

- Hard disc: Storage of 500 MB or higher (Additional space may be required for data)
- Required software: LG United Mobile driver

NOTE: LG Integrated USB Driver

The LG integrated USB driver is required to connect an LG device and PC. It is installed automatically when you install the LG PC Suite software application.

Phone software update

Phone software update

LG Mobile phone software update from the Internet

For more information about using this function, please visit http://www.lg.com/common/index.jsp → select your country and language.

This feature allows you to conveniently update the firmware on your phone to a newer version from the Internet without needing to visit a service center. This feature will only be available if and when LG makes a newer firmware version available for your device.

Because the mobile phone firmware update requires the user's full attention for the duration of the update process, please make sure you check all instructions and notes that appear at each step before proceeding. Please note that removing the USB data cable during the upgrade may seriously damage your mobile phone.

NOTE: LG reserves the right to make firmware updates available only for selected models at its own discretion and does not guarantee the availability of the newer version of the firmware for all handset models.

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

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

You should first check the software version on your mobile phone: **Settings** > **General** tab > **About phone** > **Update Center** > **Software Update** > **Check now for update**.

Phone software update

NOTE: Your personal data from internal phone storage—including information about your Google account and any other accounts, your system/application data and settings, any downloaded applications and your DRM licence—might be lost in the process of updating your phone's software. Therefore, LG recommends that you backup your personal data before updating your phone's software. LG does not take responsibility for any loss of personal data.

NOTE: This feature depends on your network service provider, region and country.

About this user guide

About this user guide

- Before using your device, please carefully read this manual. This will ensure that you use your phone safely and correctly.
- Some of the images and screenshots provided in this guide may appear differently on your phone.
- Your content may differ from the final product, or from software supplied by service providers or carriers, This content may be subject to change without prior notice. For the latest version of this manual, please visit the LG website at www.lg.com.
- Your phone's applications and their functions may vary by country, region, or hardware specifications. LG cannot be held liable for any performance issues resulting from the use of applications developed by providers other than LG.
- LG cannot be held liable for performance or incompatibility issues resulting from edited registry settings being edited or operating system software being modified. Any attempt to customize your operating system may cause the device or its applications to not work as they should.
- Software, audio, wallpaper, images, and other media supplied with your device are licensed for limited use. If you extract and use these materials for commercial or other purposes is, you may be infringing copyright laws. As a user, you are fully are entirely responsible for the illegal use of media.
- Additional charges may be applied for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select a data plan to is suitable for your needs. Contact your service provider to obtain additional details.

About this user guide

Trademarks

- LG and the LG logo are registered trademarks of LG Electronics.
- All other trademarks and copyrights are the property of their respective owners.

DivX HD

This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video. To play purchased DivX movies, first register your device at vod.divx.com. Find your registration code in the DivX VOD section of your device setup menu.

DivX Certified® to play DivX® video up to HD 720p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of DivX, LLC and are used under license.

Dolby Digital Plus

Manufactured under license from Dolby Laboratories. Dolby, Dolby Digital Plus, and the double-D symbol are trademarks of Dolby Laboratories.

Accessories

These accessories are available for use with the your phone. **(Items described below may be optional.)**

Travel adaptor

Quick Start Guide

Stereo headset

Data cable

NOTE:
- Always use genuine LG accessories.
- Failure to do this may void your warranty.
- Accessories may vary in different regions.

Troubleshooting

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

Message	Possible causes	Possible corrective measures
SIM or USIM card error	There is no SIM or USIM card in the phone or it is inserted incorrectly.	Make sure that the SIM or USIM card is correctly inserted.
No network connection/ Dropped network	Signal is weak or you are outside the carrier network.	Move toward a window or into an open area. Check the network operator coverage map.
	Operator applied new services.	Check whether the SIM or USIM card is more than 6~12 months old. If so, change your SIM or USIM card at your network provider's nearest branch. Contact your service provider.
Codes do not match	To change a security code, you will need to confirm the new code by re-entering it.	If you forget the code, contact your service provider.
	The two codes you have entered do not match.	

Message	Possible causes	Possible corrective measures
No applications can be set	Not supported by service provider or registration required.	Contact your service provider.
Calls not available	Dialling error	New network not authorized.
	New SIM or USIM card inserted.	Check for new restrictions.
	Pre-paid charge limit reached.	Contact service provider or reset limit with PIN2.
Phone cannot be switched on	On/Off key pressed too briefly.	Press the On/Off key for at least two seconds.
	Battery is not charged.	Charge battery. Check the charging indicator on the display.

Troubleshooting

Message	Possible causes	Possible corrective measures
Charging error	Battery is not charged.	Charge battery.
	Outside temperature is too hot or cold.	Make sure phone is charging at a normal temperature.
	Contact problem	Check the charger and its connection to the phone.
	No voltage	Plug the charger into a different socket.
	Charger defective	Replace the charger.
	Wrong charger	Use only original LG accessories.
Number not allowed	The Fixed dialling number function is on.	Check the Settings menu and turn the function off.
Impossible to receive / send SMS & photos	Memory full	Delete some messages from your phone.
Files do not open	Unsupported file format	Check the supported file formats.

Message	Possible causes	Possible corrective measures
The screen does not turn on when I receive a call.	Proximity sensor problem	If you use a protection tape or case, make sure it has not covered the area around the proximity sensor. Make sure that the area around the proximity sensor is clean.
No sound	Vibration mode	Check the settings status in the sound menu to make sure you are not in vibration or silent mode.
Hangs up or freezes	Intermittent software problem	Try to perform a software update via the website.

FAQ

Category Sub-Category	Question	Answer
BT Bluetooth Devices	What are the functions available via Bluetooth	You can connect a Bluetooth audio device such as a Stereo/Mono headset or Car Kit.
Data Contacts Backup	How can I backup Contacts?	The Contacts data can be synchronized between your phone and Gmail™.
Data Synchronization	Is it possible to set up one-way sync with Gmail?	Only two-way synchronization is available.
Data Synchronization	Is it possible to synchronize all email folders?	The Inbox is automatically synchronized. You can view other folders by tapping the ⋮ and select **Folders** to choose a folder.
Google™ Service Gmail Log-In	Do I have to log into Gmail whenever I want to access Gmail?	Once you have logged into Gmail, no need to log into Gmail again.
Google™ Service Google Account	Is it possible to filter emails?	No, email filtering is not supported via the phone.
Phone Function Email	What happens when I execute another application while writing an email?	Your email will automatically be saved as a draft.

Category Sub-Category	Question	Answer
Phone Function Ringtone	Is there a file size limitation for when I want to use MP3 file as ring tone?	There is no file size limitation.
Phone Function Message Time	My phone does not display the time of receipt for messages older than 24 hrs. How can I change this?	You will only be able to see the times for messages received the same day.
Phone Function Navigation	Is it possible to install another navigation application on my phone?	Any application that is available at Play Store™ and is compatible with the hardware can be installed and used.
Phone Function Synchronisation	Is it possible to synchronize my contacts from all my email accounts?	Only Gmail and MS Exchange server (company email server) contacts can be synchronized.
Phone Function Wait and Pause	Is it possible to save a contact with Wait and Pause in the numbers?	If you transferred a contact with the W & P functions saved into the number, you will not be able to use those features. You will need to re-save each number. How to save with Wait and Pause: 1. From the Home screen, tap the . 2. Dial the number, then tap the . 3. Tap **Add 2-sec pause** or **Add wait**.

Category Sub-Category	Question	Answer
Phone Function Security	What are the phone's security functions?	You are able to set the phone to require that an Unlock Pattern be entered before the phone can be accessed or used.
Phone Function Unlock Pattern	How do I create the Unlock Pattern?	1. From the Home screen, tap and hold ☐. 2. Tap **System settings** > **Display** tab > **Lock screen**. 3. Tap **Select screen lock** > **Pattern**. The first time you do this, a short tutorial about creating an Unlock Pattern will appear. 4. Set up by drawing your pattern once, and once again for confirmation. Precautions to take when using the pattern lock. It is very important to remember the unlock pattern you set. You will not be able to access your phone if you use an incorrect pattern five times. You have five chances to enter your unlock pattern, PIN or password. If you have used all 5 opportunities, you can try again after 30 seconds. (Or, if you preset the backup PIN, you can use the backup PIN code to unlock the pattern.)

Category Sub-Category	Question	Answer
Phone Function Unlock Pattern	What should I do if I forget the unlock pattern and I didn't create my Google account on the phone?	If you have forgotten your pattern: If you logged into your Google account on the phone but failed to enter the correct pattern 5 times, tap the forgot pattern button. You are then required to log in with your Google account to unlock your phone. If you have not created a Google account on the phone or you have forgotten it, you will have to perform a hard reset. Caution: If you perform a factory reset, all user applications and user data will be deleted. Please remember to backup any important data before performing a factory reset.
Phone Function Memory	Will I know when my memory is full?	Yes, you will receive a notification.
Phone Function Language Support	Is it possible to change my phone's language?	The phone has multilingual capabilities. To change the language: 1. From the Home screen, tap and hold ☐ and tap **System settings**. 2. Tap **General** tab > **Language & input** > **Language**. 3. Tap the desired language.

FAQ

Category Sub-Category	Question	Answer
Phone Function VPN	How do I set up a VPN?	VPN access configuration is different for each company. To configure VPN access from your phone, you must obtain the details from your company's network administrator.
Phone Function Screen time out	My screen turns off after only 15 seconds. How can I change the amount of time for the backlight to turn off?	1. From the Home screen, tap and hold ☐. 2. Tap **System settings** > **Display** tab. 3. Tap **Screen timeout**. 4. Tap the preferred screen backlight timeout time.
Phone Function Wi-Fi & mobile network	When Wi-Fi and mobile network are both available, which service will my phone use?	When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connectivity on 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, view the mobile network or Wi-Fi icon at the top of your screen.
Phone Function Home screen	Is it possible to remove an application from the Home screen?	Yes. Just touch and hold the icon until the dustbin icon appears at the top and center of the screen. Then, without lifting your finger, drag the icon to the trash can.

Category Sub-Category	Question	Answer
Phone Function Application	I downloaded an application and it causes a lot of errors. How do I remove it?	1. From the Home screen, tap and hold ▢. 2. Tap **System settings** > **General** tab > **Apps** > **DOWNLOADED**. 3. Tap the application, then tap **Uninstall**.
Phone Function Charger	Is it possible to charge my phone using a USB data cable without installing the necessary USB driver?	Yes, the phone will be charged by the USB cable regardless of whether the necessary drivers are installed or not.
Phone Function Alarm	Can I use music files for my alarm?	Yes. After saving a music file as a ringtone, you can use it as your alarm. 1. Touch and hold a song in a library list. In the menu that opens, tap **Set as ringtone** > **Phone ringtone** or **Contact ringtone**. 2. In the alarm clock setting screen, select the song as a ringtone.
Phone Function Alarm	Will my alarm be audible or will it go off if the phone is turned off?	No, this is not supported.
Phone Function Alarm	If my ringer volume is set to Off or Vibrate, will I hear my alarm?	Your alarm is programmed to be audible even in these scenarios.

Category Sub-Category	Question	Answer
Phone Function Display	I tried to make the brightness of screen to the max but it still feels dark. How can i change the brightness of screen more brightly?	1. From the Home screen, tap and hold ☐. 2. Tap **System settings** > **Display** tab > **Auto-adjust screen tone**. 3. Tap the check box to cancel the function.
Recovery Solution Hard Reset (Factory Reset)	How can I perform a factory reset if I can't access the phone's setting menu?	If your phone does not restore to its original condition, use a hard reset (factory reset) to initialize it.

For your safety

Important Information

This user's guide contains important information about the use and operation of this phone. Read all information carefully for optimal performance and to avoid any damage or misuse of the phone. Any changes or modifications not expressly approved in this user's guide could void your warranty for this equipment.

Before you begin

Safety Guidelines

⚠ **WARNING**

To reduce the possibility of electric shock, do not expose your product to high humidity areas, such as bathroom or swimming pool.

Keep the phone away from heat. Never store your phone in environment that may expose it to temperatures below 0°C or above 40°C, such as outdoor during snowstorm, or in your car in hot days. Exposure to cold or heat will result in malfunction, damage or permanent failure. Be careful when using your phone near other electronic devices. The RF emissions from mobile phones may affect nearby electronic equipment that not adequately shielded. You should consult manufacturers of any personal medical devices, as in the case of pacemakers and hearing aides, to determine whether they are susceptible to interference from cell phones.

Turn off your phone in medical facilities or at gas stations. Never place your phone in microwaves, as it will cause the battery to explode.

Important!

Before using your phone, please read the SAFETY INFORMATION OF THE TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA).

Safety Information

Read these simple guidelines. Breaking the rules may be illegal or dangerous.
More detailed information is provided in this user's guide.

- Never use an unapproved battery that could cause damages to the phone or the battery itself, or even explode.
- Never place your phone in a microwave oven, as this will result in an explosion of the battery.
- Do not dispose of your battery in fire or with hazardous or flammable materials.
- Make sure the battery does not come into contact with sharp-edged items, such as animal teeth or claws. This could cause a fire.
- Store the battery in a place out of the reach of children.
- Be careful so that children do not swallow any parts of the phone, such as rubber plugs (earpiece, parts that connect to the phone, etc.). This could cause asphyxiation or suffocation.
- Disconnect the plug and charger from the outlet when the phone shows that the battery has been fully charged, because it may cause electric shock or fire hazard.
- When in the car, do not leave your phone, or install a hands-free kit, near the airbag. If wireless equipment is improperly installed, you can be seriously injured if the airbag is deployed.
- Do not use mobile phone while driving.
- Do not use the phone in areas where its usage is prohibited. (For example: in airplanes).
- Do not expose the battery charger or adapter to direct sunlight, or use it in places with high humidity, such as bathroom.
- Never store your phone in temperatures lower than -20°C or higher than 50°C.
- Do not use harsh chemicals (such as alcohol, benzene, solvents, etc.) or detergents to clean the phone. This could cause fire.
- Do not drop the phone, strike it, or shake it hard.

Such actions may harm the phone's internal circuit boards.

- Do not use your phone in high explosive areas, as this may generate sparks.
- Do not damage the power cord by bending, twisting, pulling, or heating it. Do not use the plug if it is loose as it may cause fire or electric shock.
- Do not handle the phone with wet hands while it is charging. This can cause electric shock or seriously damage your phone.
- Do not disassemble the phone.
- Do not make or answer calls while charging the phone, which can cause a short circuit, electric shock, or fire.
- Use only batteries and chargers provided by LG. The warranty does not apply to products provided by other providers.
- Only authorized personnel should service the phone and its accessories. Installation or service may result in accidents and consequently invalidate the warranty.
- Do not hold or let the antenna come in contact with your body during a call.
- Emergency calls can be made only within a service area. To make an emergency call, make sure you are within a service area and the phone is on.
- Use your accessories, such as headphones or headsets, with caution, ensuring that the cables are plugged properly and that they do not touch the antenna unnecessarily.

Information about the RF exposure from FCC

⚠ **WARNING**

Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard

previously set by both international and U.S. standards.
The design of this phone complies with FCC guidelines and these international standards.

Body-worn Operation

This device was tested for typical bodyworn operations with the back of the phone kept 0.39 inches (1cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1cm) must be maintained between the user's body and the back of the phone.
Any beltclips, holsters, and similar accessories containing metallic components may not be used. Body-worn accessories that cannot maintain 0.39 inches (1cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Part15.19 statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Part15.21 statement

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment

Part15.105 statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Battery Precautions

- Do not disassemble.
- Do not short-circuit.
- Do not expose to high temperatures, over 60 °C (140 °F).
- Do not incinerate.

Battery Disposal

- Please dispose of your battery properly, or bring it to your wireless provider for recycling.
- Do not dispose of your battery in fire or with hazardous or flammable materials.

Adapter Precautions (Charger)

- Using the wrong battery charger could damage your phone and void your warranty.
- The adapter or battery charger is only designed for indoor use.
- Do not expose the battery charger or adapter to direct sunlight, or use it in places with high humidity, such as the bathroom.

Cautions for Battery

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- 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 the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.

- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

Avoid damage to your ear

- Damage to your hear can occur due to constant exposure to excessive high sound. We, therefore, recommend that you do not turn on or off the phone near your ear. We also recommend you be reasonable with the music and volume level.
- If you listen to music, please ensure that the volume level is adequate, so that you are aware of your surroundings. This is particularly important when attempting to cross a street.

Exposure to Radio Frequency Signal

Your wireless handheld portable telephone is a lowpower radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

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

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop

the ANSI Standard (C95.1).

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection.

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Suggestions for a more efficient operation

For your phone to operate most efficiently:

- Do not touch the antenna unnecessarily, when the phone is in use. The contact with the antenna affects call quality, and may cause the phone to operate at a higher power level than otherwise would be need.
- Use your phone in temperatures between 0ºC and 40ºC, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

Driving

Check the laws and regulations related to the use of wireless phones in the areas where you drive. Always obey these regulations. Also, if using your phone while driving, make sure to:

- Pay 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 demand so.

Electronic Devices

Most modern electronic equipment is shielded from RF signals.

However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemaker

The Medical Industry Manufacturers Association recommends a minimum distance of fifteen (15) centimeters, or six (6) inches, between a handheld wireless phone and a pacemaker, in order to avoid potential interference between them.

These advices are consistent with independent researches, and with recommendations based on wireless technology research.

People with pacemakers should:

- ALWAYS keep the phone at least fifteen centimeters (six inches) from their pacemaker, whenever the phone is turned on;
- Not carry the phone in a shirt pocket;
- Use the ear opposite to the pacemaker, to minimize the potential interference;
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, we recommend that you contact your service provider.

Other Medical Devices

If you use any other personal medical devices, consult your device manufacturer to determine if they are adequately shielded from external RF energy. Your doctor can help you obtain this information.

Health Care Facilities

Turn off your phone in health care facilities, whenever there are signs asking you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

Facilities with signs

Turn off the phone in any facility where warning signs request you to do so.

Airplanes

FCC regulations prohibit the use of phones while in the air. Turn off your phone before boarding an airplane.

Blasting Areas

To avoid interfering with blasting operations, turn your phone off when in a 'blasting area' or in areas with signs that read: 'Turn off two-way radios' . Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn off the phone when in an area with a potentially explosive atmosphere, and obey all signs and instructions.

Sparks in such areas could cause an explosion or fire that could result in personal injury or death.

Areas with a potentially explosive atmosphere are often clearly marked, but not always. Among the potentially dangerous areas are:

Fueling areas (such as gas stations), areas below deck on boats, facilities where chemical products are transferred or stored, vehicles using liquefied petroleum gas (as propane or butane), areas where the air contains chemicals or particles (such as grain, dust or metal powders), and any other areas where you would normally be advised to turn off your vehicle engine.

For vehicles equipped with air bags

Air bags inflate with strong force. Do not place objects in the area over the air bag or in its deployment area, including wireless equipment, either installed or portable.

Serious injuries could occur if wireless equipment is improperly installed into the car when the air bag inflates.

Safety Information

Read and observe the following information for the safe and proper use of your phone, and to prevent any damage.
Also, keep the user's guide in an accessible place at all times after reading it.

Charger, Adapter and Battery Security

- The charger and adapter are designed only for indoor use.
- Dispose of your battery properly, or bring it to your wireless provider for recycling.
- The battery doesn’t need to be fully discharged before recharging.
- Only use LG approved chargers that are specifically made for your phone model, since they are designed to maximize the battery life.
- Do not disassemble or short-circuit it.
- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Charge the battery after long periods without use to maximize its life.
- The battery life will vary depending on usage patterns and environmental conditions.
- Intensive use of backlighting, browser, and packet data connectivity affect battery life and talk/standby times.
- The role of self-protection interrupts the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn on the phone.

Explosion, Shock and Fire Danger

- Do not place the phone in a place exposed to excessive dust, and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord before cleaning the phone, and clean the power plug whenever it is dirty.
- When using the power plug, make sure it is firmly connected. Otherwise, it can overheat or start a fire.
- Placing the phone in a pocket or bag without covering the receptacle (power plug pin), metallic articles (such as a coin, clip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Do not short-circuit the battery. Metal items, such as coins, paper clips, or pens, in your pocket or bag may cause a shortcircuit between the + and - terminals of the battery (metal strips on the battery). The short-circuit of the terminals may damage the battery and cause an explosion.

General Notice

- Using a damaged battery, or inserting it into the mouth can cause serious injuries.
- Do not place the phone in proximity to items containing magnetic components, such as credit cards, calling cards, bank books, or subway tickets. The phone magnetism may damage the data stored in the magnetic strip.
- Talking on the phone for a long period of time may reduce call quality, because of the heat generated during use.
- When the phone has not been in use for a long time, store it in a safe place, with the power cord unplugged.
- Using the phone close to a receiving equipment (such as TV or radio) may cause interference.

- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight singe. Contact an LG Authorized Service Facility to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, immediately turn it off and remove the battery. If your phone does not work, take it to an LG Authorized Service Facility.
- The power supply contains elements that could be harmful to your health, if components are handled directly. If this happens, we recommend immediate hand-washing.
- Do not paint the phone.
- Data stored in your phone might be deleted due to careless use, hardware repair or software upgrade.
  Please backup your important phone numbers (ringtones, text or voice messages, images, and videos might also get deleted). The manufacturer is not liable for damages due to loss of data.
- When using the phone in public places, you may set the ringer on vibrate to avoid disturbing others.
- Do not switch the phone on/off while it is in your ear.

Use your phone in temperatures between 0ºC and 40ºC, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

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.

⚠ **WARNING**

Notice for Battery replacement

- For your safety, do not remove the battery incorporated in the product. If you need to replace the battery, take it to the nearest authorized LG Electronics service point or dealer for assistance.
- Li-Ion Battery is a hazardous component which can cause injury.
- Battery replacement by non-qualified professional can cause damage to your device.

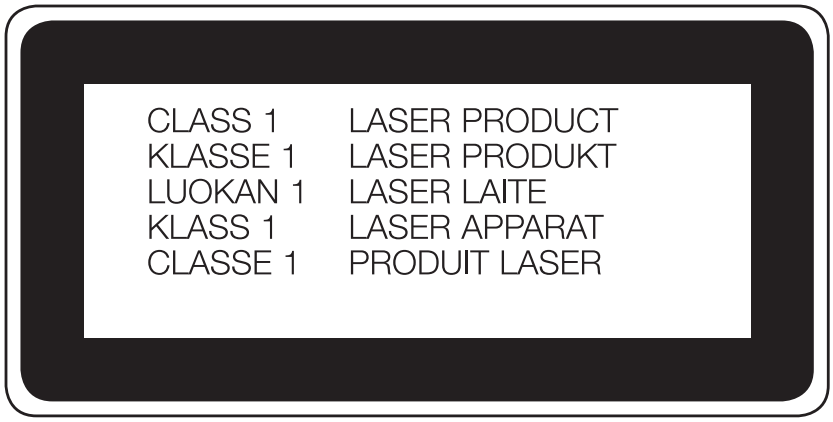
Laser safety statement

Caution!

This product employs a laser system. To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service center.

Use of controls, adjustments, or the performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure or make direct contact with the laser.



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