LG
Life's Good

User Guide

VS450PP

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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 touch screen keyboard.

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Table of contents

Important notice

Please read this before you start using your phone!

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

1. Phone memory

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

To uninstall applications:

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Settings** ⚙ > **Apps**.

2 Once all applications appear, scroll to and select the application you want to uninstall.

3 Tap **Uninstall**, then tap **OK** to confirm.

2. Optimizing battery life

Extend your battery's life between charges by turning off features that you don't need to have running 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're not using. If you are not using Wi-Fi, Bluetooth or GPS, turn them off.

Important notice

- 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.

To check the battery power level:
- From the Home screen, tap ⚏ > **Apps** tab (if necessary) > **Settings** 🔅 >
  About phone > **Battery**.

The battery status (charging or discharging) and battery level (percentage charged) is displayed at the top of the screen.

To monitor and control how battery power is being used:
- From the Home screen, tap ⚏ > **Apps** tab (if necessary) > **Settings** 🔅 >
  About phone > **Battery** > **Battery use**.

Battery usage time is displayed on the screen. It tells you how long it has been since you last connected your phone to a power source or, if currently connected, how long the phone was last running on battery power. The screen shows the applications or services using battery power, listed in order from the greatest to smallest amount used.

3. Before installing an open source application and operating system (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 a screen lock

Set a screen lock to secure your phone and prevent unauthorized use. From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Settings** ⚙ > **Lock screen** > **Select screen lock** > **Pattern**, **PIN**, or **Password**. If you choose Pattern, you will be prompted to create a Backup PIN as a safety measure in case you forget your screen lock.

Caution: Create a Google account before setting a screen lock and remember the Backup PIN you created when creating your screen lock.

Important notice

When you can't recall your screen lock:
< If you have forgotten your pattern >
If you logged in to your Google account on the phone but failed to enter the correct pattern 5 times, tap the **Forgot pattern?** button at the bottom of the screen. You are then required to log in with your Google Account or enter the Backup PIN you created.

If you have not logged into a Google account on the phone or you forgot your Backup PIN, you have to perform a hard reset.
< If you have forgotten your PIN or Password >
If you forget your PIN or Password, you will need to perform a hard reset.
Caution: If you perform a hard reset, all user applications and user data will be deleted.

5. Using the Hard Reset (Factory reset)

If your phone does not restore to its original condition after an error or you forgot your screen lock, use a Hard Reset (Factory Reset) to initialize it.

1 Turn the phone off.
2 Press and hold the **Power/Lock Key** ▬ + **Volume Down Key** ▬.
3 Hold down the **Volume Down Key** ▬ and release the **Power/Lock Key** ▬ when the LG logo is displayed.
4 Press the **Power/Lock Key** ▬ again within 3 seconds while holding down the **Volume Down Key** ▬.
5 When the Factory data reset screen appear, release all keys.
6 Use the **Volume Keys** ▬ to highlight **Yes** and press the **Power/Lock Key** ▬ to confirm.
7 Use the **Volume Keys** ▬ to highlight **Yes** and press the **Power/Lock Key** ▬ to confirm one more time.
8 Your phone will perform a factory reset.

6. Opening and switching applications

Multi-tasking is easy with Android because 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.

To stop applications:

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Settings** ⚙ > **Apps** > **RUNNING**.
2 Tap the desired application and tap **Stop** to stop it.

7. Transferring music, photos and videos using Media sync (MTP)

1 Connect the phone to your PC using the USB cable provided with your phone.
2 A USB connection type list will appear on your phone screen. Tap the **Media sync (MTP)** option.
3 Select the **Open device to view files** option on your PC. You can then view media contents on your PC and transfer the files.
4 Copy the files from your PC to the drive folder or vice versa.
5 Drag the Status Bar down and tap **USB connected** > **Charge only**.
6 Disconnect the USB cable from your phone.

8. Hold your phone upright

Hold your cell phone vertically, as you would a regular phone. Your phone has an internal antenna. Be careful not to scratch or damage the back of the phone, as this may affect performance.

When making/receiving calls or sending/receiving data, avoid holding the lower part of the phone where the antenna is located. Doing so may affect call quality.

9. 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** ▬ for 10 seconds to turn your phone off.
If it still does not work, please contact the service center.

Getting to know your phone

Phone overview

Earpiece

Proximity Sensor

Volume Keys
Allow you to adjust the ringer, media volume, or the volume during a call.

Home Key
Return to the Home screen from any screen.

Back Key
Return to the previous screen.

Menu Key
Display the available options.

Power/Lock Key
Turn your phone on/off, restart, lock/unlock the screen, turn airplane mode on or off, and change the ringer type.

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.

Volume Keys
- **On the Home screen**: Control ringer volume.
- **During a call**: Control your earpiece volume.
- **When playing audio/video:** Control volume continuously.

Power/Lock Key

3.5mm Headset Jack

Microphone

Charger/USB Port

NOTE: Please be careful not to block the microphone by your hand when you call.

Back cover

Speaker

Camera Lens

Battery

microSD Card slot

Installing the battery

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 Insert the battery into place by aligning the gold contacts on the phone and the battery (1) and pressing it down until it clicks into place (2).

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

Charging the phone

The Charger/USB Port is at the bottom of the phone. Insert one end of the USB cable into the phone and plug the other end 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.

Using the memory card

Make sure to unmount the SD card in the Storage menu before removing it.

1 Remove the back cover.
2 Insert the memory card into the slot. Make sure the gold contact area is facing downwards.

Locking and unlocking the screen

If you do not use the phone for a while, the screen will be automatically turned off and locked. This helps to prevent accidental taps and saves battery power.

When you are not using your phone, press the **Power/Lock Key** ▬ to lock your phone.

If there are any programs running when you lock your screen, they may be still running in Lock mode. It is recommended that you exit all programs before entering

Lock mode to avoid unnecessary charges (e.g. phone calls, web access and data communications).

To wake up your phone, press the **Power/Lock Key** ▬. The Lock screen will appear. Touch and slide the Lock screen in any direction to unlock the screen. The last screen you viewed will open.

Your Home screen

Touch screen tips

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

Touch or tap – 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 touching it and not lifting your finger until an action occurs. For example, to open a contact's available options, touch and hold the contact in the Contacts list until the context menu opens.

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 touch it (so you don't drag an item instead). For example, you can slide the screen up or down to scroll through a list or browse through the different Home screens by swiping from left to right (and vice versa).

Double-tap – Double-tap to zoom on a webpage or a map. For example, quickly double-tap a section of a webpage to adjust that section to fit the width of the screen. You can also double-tap to zoom in and out when viewing a picture and when using Maps.

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

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

Home screen

Simply swipe your finger to the left or right to view the Home screen panels. You can customize each panel with pre-loaded and downloaded apps, widgets, and wallpapers.

The Quick Keys are available at the bottom of the Home screen. Quick Keys provide easy and one-tap access to the functions you use the most.

 Tap the **Phone** icon to bring up the dialpad to make a call.

 Tap the **Contacts** icon to open your contacts.

 Tap the **Messaging** icon to access the Messaging application, where you can view and create text and multimedia messages.

 Tap the **Apps** icon to view all of your installed applications. To open any application, simply tap the icon in the applications list.

NOTE: To add an icon, drag it to the Quick Keys bar and release it. To remove an icon, drag it out of the Quick Keys bar.

Your Home screen

Customizing the Home screen

You can customize your Home screen by adding apps, downloads, widgets or wallpapers. For more convenience using your phone, add your favorite apps and widgets to the Home screen.

To add items on your Home screen:

1 Touch and hold the empty part of the Home screen.

2 Tap the desired tab. Choose from **Apps** or **Widget**.

3 Drag the desired app icon to the preferred location and lift your finger.

To remove an item from the Home screen:

• Touch and hold the icon you want to remove, then drag it to 🗑 and release it.

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

TIP! Using folders
You can combine several app icons in a folder to help keep you organized. Drop one app icon over another one on a Home screen and a folder will be created with both icons in it.

Notifications

Notifications alert you to the arrival of new messages, calendar events, and alarms, as well as to ongoing events, such as video downloads.

From the Notifications Panel, you can view your phone's current status and pending notifications.

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, on the right.

Pending notifications

System notifications
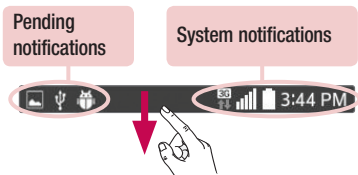
Accessing notifications

Swipe the Status Bar downwards to open the Notifications Panel. To close the Notifications Panel, swipe the bar that is at the bottom of the screen upwards.

Quick Settings

Use the Quick Settings to easily toggle function settings like Wi-Fi, manage display brightness and more. To access the Quick Settings, open the Notifications Panel. The Quick Settings bar is located at the top of the Notifications Panel.

To rearrange Quick Setting items on the Notification Panel

Swipe the Quick Settings bar to the left and tap 🔳. Touch and hold 📋 next to the items you want to move and drag it to the desired location. Tap the checkbox next to each item to add them to the Quick Settings bar.

NOTE: Touch and hold an icon on the Quick Settings bar to directly access its settings menu.
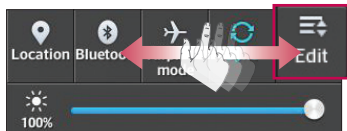
Notification icons on the Status Bar

Notification 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 listed in the table below are some of the most common ones.

Icon	Description	Icon	Description
	No signal		Battery fully charged
	Airplane mode		Battery is charging
	Connected to a Wi-Fi network		Downloading data
	Wired headset		Uploading data
	Call in progress		Acquiring GPS
	Receiving location data from GPS		Missed call
	Data is syncing		Bluetooth is on
	New Gmail message		System warning

Your Home screen

Icon	Description	Icon	Description
💬	New Hangouts message	🕐	Alarm is set
😊	New text or multimedia message	📟	New voicemail
🎵	Song is playing	🔇	Ringer is silenced
🔌	Phone is connected to PC via USB cable	🍃	Battery saver is on

NOTE: The icon locations in the Status Bar may differ depending on the functions, features, and apps being used.

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.

☺ abc Tap to switch to the numbers and symbols keyboard.

🎤 Tap this key to enter text using your voice.

⚙ Tap to access the LG Keyboard settings. Touch and hold to access voice input mode.

⎵ Tap to enter a space.

⏎ Tap to create a new line in the message field.

⌫ Tap to delete the previous character.

Entering special characters

The LG Keyboard allows you to enter special characters (e.g. "á") when entering text. For example, to enter "á", touch and hold the "a" key until the additional characters are displayed. Then select the special character you want to enter.

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

Google account setup

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

Creating your Google account

1. From the Home screen, tap ▦ to open the applications screen.
2. Tap **Settings** ⚙ > **Accounts & sync** > **Add account** > **Google** > **New** to start the Gmail set up wizard.
3. Tap a text field to open the keyboard and enter your name and username for your Google account. When entering text, you can move to the next text field by tapping **Next** on the keyboard.
4. When you have finished entering your name and username, tap ▶. Your phone then communicates with Google servers and checks for username availability.
5. Enter and re-enter your password. Then follow the instructions and enter the required and optional information about the account. Wait while the server creates your account.

Signing in to your Google account

1. On the Google Account setup screen, tap **Existing**, enter your e-mail address and password, then tap ▶.
2. After signing in, you can use Gmail and take advantages of Google
3. Once you have set up your Google account on your phone, it will be automatically synchronized with your Google account on the web (depending on your synchronization settings).

After signing in, you can use Gmail, and Play Store; back up your settings to Google servers; and take advantage of other Google services on your phone.

Connecting to Networks and Devices

Wi-Fi

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

Connecting to Wi-Fi networks

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

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 service provider for mobile data use.

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

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Settings** 🔧 > **Wi-Fi**.
2 Tap the switch ⬤ to turn Wi-Fi on and start scanning for available Wi-Fi networks.
   • Secured networks are indicated by a lock icon.
3 Tap a network to connect to it.
   • If the network is secured, you are prompted to enter a password or other credentials. (Ask your network administrator for details)
4 The Status Bar displays icons that indicate your Wi-Fi status.

Bluetooth

Bluetooth allows you to share data with other Bluetooth-enabled devices and connect to Bluetooth headsets.

NOTE:
• LG is not responsible for the loss, interception or misuse of data sent or received via the Bluetooth wireless feature.
• Always ensure that you share and receive data with devices that are trusted and 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.

Turning on Bluetooth and pairing up your phone with a Bluetooth device
You must pair your phone with another device before you connect to it.
1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Settings** ⚙ > **Bluetooth**.
2 Tap the switch ◉ to turn Bluetooth on.
3 Tap the check box next to your phone's name to make your phone visible to other Bluetooth devices.
4 A list of available devices will be displayed. Choose the device you want to pair with from the list.
5 Depending on the type of device, you may have to enter matching codes, confirm matching codes, or the devices will automaticall pair.

Connecting to Networks and Devices

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.

Send data using the Bluetooth wireless feature
1 Select a file or item, such as a contact, calendar event or media file, from an appropriate application or from the **Downloads** ⬇ app.
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.

Receive data using the Bluetooth wireless feature
1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Settings** ⚙ > **Bluetooth**.
2 Tap the switch ⬤ to turn Bluetooth on.
3 Tap the check box next to your phone's name to make your phone visible to other Bluetooth devices.

NOTE: To select the length of time that your device will be visible, tap the **Menu Key** ▤ > **Visibility timeout**.

4 Tap **Accept** to confirm that you are willing to receive data from the device.

Connecting to Virtual Private Networks

Virtual private networks (VPNs) allows you to connect to resources inside a secure local network, from outside that network.

To add a VPN

1 From the Home screen, tap the **Menu Key** ▣ > **System settings** > **More**... > **VPN**.

> **NOTE:** You must configure a screen lock to use VPN.

2 Tap **Add VPN network**.
3 Tap the type of VPN you want to add.
4 In the screen that opens, follow the instructions from your network administrator to configure each component of the VPN settings.
5 Tap **Save**. The VPN will be added to the list on the VPN settings screen.

PC connections with a USB cable

Learn to connect your device to a PC with a USB cable using the different USB connection modes.

Transferring music, photos and videos using Media sync (MTP)
1 Connect your phone to a PC using the USB cable provided with your phone.
2 A USB connection type list will appear on your phone screen. You can also go to **System settings** > **PC connection** > **Select USB connection method** > **Media sync (MTP)**.
3 You can now view media contents on your PC and transfer the files.

Synchronize with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

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

2 Select the **Media sync (MTP)** option. When connected, a pop-up window will appear on the PC.

3 Open Windows Media Player to synchronize music files.

4 Edit or enter your device's name in the pop-up window (if necessary).

5 Select and drag the music files you want to the sync list.

6 Start synchronization.

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

Items	Requirement
OS	Microsoft Windows XP SP2, Vista or higher
Window Media Player version	Windows Media Player 10 or higher

• If the Windows Media Player version is lower than 10, install version 10 or higher.

Calls

Making a call

1 From the Home screen, tap 📞 to open the dial pad.
2 Enter the number using the dial pad. To delete a digit, tap ⌫ .
3 Tap 📞 to make a call.
4 To end a call, tap 🔴 .

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

Calling your contacts

1 From the Home screen, tap 👤 to open your contact list.
2 Scroll through the contact list or tap the **Search contacts** box and enter the contacts name. You can also scroll the alphabet bar along the right side of the screen.
3 In the list, tap 📞 next to the desired contact to make the call.

Answering and rejecting a call

When the screen is locked

• Swipe 📞 in any direction to answer the incoming call.
• Swipe 📵 in any direction to decline an incoming call.

When the screen is unlocked

• Tap 📞 to answer the incoming call.

• Tap [icon] to decline the incoming call.

TIP! Decline with message
You can send a message quickly using this function. This is useful if you need to reject a call with message during a meeting.

Adjusting the in-call volume

To adjust the in-call volume during a call, use the Volume Up and Volume Down Keys on the left-hand side of the phone.

Making a second call

1 During your first call, tap **Menu Key** [icon], touch **Add call** and dial the number. You can also go to the recently dialed numbers list by tapping [icon] or search contacts by tapping [icon] and selecting the contact you want to call.
2 Tap [icon] to make the call.
3 Your initial call is placed on hold.
4 Tap [icon] if you want to start a conference call.
5 To end active calls, tap [icon].

NOTE: You are charged for each call you make.

Viewing your call logs

From the Home screen, tap 📞 and choose the **Call logs** tab 🔄. A complete list of all dialed, received and missed calls is displayed.

> **TIP!**
> • Tap any call log entry to view the date, time and duration of the call.
> • Tap the **Menu Key** ☰, then tap **Delete all** to delete all the recorded items or tap **Delete** to delete individual items.

Call settings

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

1 From the Home screen, tap 📞.
2 Tap the **Menu Key** ☰.
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

1 From the Home screen, tap 🔲 to open your contact list.

2 Tap the **Search contacts** box and enter the contacts name. You can also scroll the alphabet bar along the right side of the screen.

Adding a new contact

1 From the Home screen, tap 📞 and enter the new contact's number.

2 Tap the **Menu Key** 🔲 > **Add to Contacts** > **New contact**.

3 If you want to add a picture to the new contact, tap 👤. Choose from **Take photo** or **Select from Gallery**.

4 Tap ◢ at the top of the screen and select the account you want to save the contact to.

5 Tap a category of contact information and enter the details about your contact.

6 Tap **Save**.

Favorite contacts

You can classify frequently called contacts as favorites.

Adding a contact to your favorites

1 From the Home screen, tap 🔲 to open your contact list.

2 Tap a contact to view its details.

3 Tap the star to the right of the contact's name. The star will turn yellow color.

Removing a contact from your favorites list

1 From the Home screen, tap 🔳 to open your contact list.

2 Tap the ⭐ tab and choose a contact to view its details.

3 Tap the yellow color star to the right of the contact's name. The star turns grey color and the contact is removed from your favorites.

Creating a group

1 From the Home screen, tap 🔳 to open your contact list.

2 Tap the **Groups** tab, then tap the **Menu Key** 🔳 > **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 text and multimedia messages into one intuitive, easy-to-use menu.

Sending a message

1 Tap 😀 on the Home screen and tap ⊕ to compose a new 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 you send the message to.

3 Tap the text field and begin composing your message.
4 Tap the **Menu Key** 🔲 to access the messaging options.

TIP! You can tap the 📎 icon to attach a file you want to share.

NOTE: All functions of the Messaging app will be limited if the LG Messaging app is not set as the default SMS app. To set the default SMS app, open **Messaging** and tap **Menu Key** 🔲 > **Settings** > **Set default SMS app** > **Default SMS app** and choose the desired app.

5 Tap **Send** (or **Send MMS**) to send your message.

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

View mode

Unread messages are located at the top. Other messages exchanged with another party are displayed in threads and 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.
- Open the **Messaging** app and tap the **Menu Key** ▤ > **Settings**.

E-mail

You can use the Email application to read emails from services like Gmail. The Email 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 Email application, a set-up wizard opens to help you to set up an email account.
After the initial set-up, the Email application displays the contents of your inbox. If you have added more than one account, you can switch among accounts.

To add another email account:
• Open the **Email** application and tap the **Menu Key** ▤ > **Settings > Add account**.

To change an email account's settings:
• Open the **Email** application and tap the **Menu Key** ▤ > **Settings**. Then tap **General settings** to configure settings for all accounts or tap an individual account to configure settings only for that particular account.

To delete an email account:
• Open the **Email** application and tap the **Menu Key** ▤ > **Settings > Menu Key** ▤ > **Remove account** > tap an account > **Remove** > **Yes**.

Working with account folders

Open the **Email** application and tap the **Menu Key** ▤ > **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.

Composing and sending email

To compose and send a message
1 While in the **Email** application, tap ✉.
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 **Cc/Bcc** field to copy recipients. Tap 📎 to attach files, if needed.
4 Tap the message field and enter your message.
5 Tap ➤ to send the email.
    If you aren't connected to a network, for example, if you're working in airplane mode, the messages that you send will be stored in your Outbox folder until you connect to a network again. If it contains any pending messages, the Outbox will be displayed on the Accounts screen.

TIP! When a new email arrives in your Inbox, you will be notified by a sound or vibration (depending on your sound and vibration settings).

Camera

To open the Camera application, tap **Camera** 📷 on the Home screen.

Getting to know the viewfinder

❶ Settings – Tap to open the Settings menu.
❷ Video mode – Tap to switch to video mode.
❸ Capture – Takes a photo.
❹ Gallery – Tap to view the last photo you captured. This enables you to access your Gallery and view saved photos within camera mode.

NOTE: The memory capacity may differ depending on the configured camera settings.

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 the **Back Key** ⬅.

🎤	This enables you to take a picture by saying a voice command. Say **Cheese**, **Smile**, **Whisky**, **Kimchi** or **LG** to take a photo.
🔲	This defines and controls the amount of sunlight entering the image.
W2M	You can choose the image size.
🖼	The ISO rating determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera. This is useful in darker conditions when you cannot use the flash.
AWB	Improves white balance in various lighting conditions.
🎨	Applies color effects to your pictures.
⏱	Sets a delay after the Capture button is pressed. This is ideal if you want to be in the photo.
📍	Activate this to use your phone's location-based services. Take pictures wherever you are and tag them with the location. If you upload tagged pictures to a blog that supports geo-tagging, you can see the pictures displayed on a map.
🔊	Selects a shutter sound.

Camera

🔘	Select what action to take when pressing the Volume Keys. Choose from **Capture** or **Zoom**.
⬜	Select the location where you want to save your images.
❓	Tap this whenever you want to know how a function works. This icon will provide you with a quick help guide.
🔄	Restore all camera settings back to default.

TIP!
- When you exit the camera, some settings return to their defaults, such as white balance, color effect, timer and scene mode. Check these before you take your next photo.
- 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.
2 Holding the phone horizontally, point the lens towards the subject you want to photograph.
3 Tap 🔘 to capture the photo.

Once you've taken a photo

Tap the image preview at the bottom of the screen to view the last photo you captured. Choose to view the photo with the Gallery.

📷	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.

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

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

Tap the **Menu Key** 🔳 to open the following advanced options.

Set image as – Tap to use the photo as a **Contact photo**, **Home screen wallpaper**, **Lock screen wallpaper**, or **Wallpaper**.

Move – Tap to move the photo to another album.

Copy – Tap to copy the selected photo and save it to another album.

Rename – Tap to edit the name of the selected photo.

Rotate left/right – Tap to rotate the picture to the left or right.

Crop – Tap to crop your photo.

Edit – Tap to edit the photo.

Camera

◢	Adjusts light and shade to your photo.
FX	Applies artistic effects to your photos.
◉	Improve color quality in various lighting conditions.
◳	Applies additional options to your photos.

Slideshow – Displays a slideshow using all of your photos.

Add location – Add location information to your photo.

Details – Displays information about the photo.

Viewing your saved photos

You can access your saved photos when in camera mode. Just tap the image preview at the bottom of the screen and your Gallery will be displayed.

• To view more photos, scroll left or right.

• To zoom in or out, double-tap the screen or place two fingers and spread them apart (move your fingers closer together to zoom out).

Video camera

To open the video camera, tap **Camera** 📷 on the Home screen, then tap 📹 to switch to video mode.

Getting to know the viewfinder

- **❶ Settings** – Tap to open the settings menu.
- **❷ Camera mode** – Tap to switch to camera mode.
- **❸ Record** – Starts recording.
- **❹ Gallery** – Tap to view the last video you recorded. This enables you to access your Gallery and view your saved videos from within video mode.

NOTE: While recording a video, place two fingers on the screen and pinch to use the Zoom function.

Video camera

Using the advanced settings

Using the viewfinder, tap ⚙ to open the advanced options. After selecting the option, tap the **Back Key** ⟵.

WVGA	Tap to set the size (in pixels) of the video you are recording.
🔲	This defines and controls the amount of sunlight entering the video.
AWB	Improves white balance in various lighting conditions.
🎨	Choose a color effect to use for your video.
🚫	Activate this to use your phone's location-based services for geo-tagging purposes.
🔘	Select what action to take when pressing the Volume Keys. Choose from **Record** or **Zoom**.
⬛	Select the location where you want to save your videos.
❓	Tap this whenever you want to know how a function works. This icon will provide you with a quick help guide.
🔄	Restore all video camera settings back to default.

Recording a quick video

1 Open the **Camera** application and tap the **Video mode** button .
2 The video camera viewfinder appears on the screen.
3 Hold your phone, point the lens towards the subject you wish to capture in your video.
4 Tap once to start recording.
5 A timer showing the length of the video is displayed.
6 Tap to stop recording.

After recording a video

Tap the image preview at the bottom of the screen to view the last video you recorded.

	Tap to record another video immediately.
	Tap to send your video to others or share it via social network services.
	Tap to delete the video.

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

Video camera

Watching your saved videos

1 In the viewfinder, tap the image preview at the bottom of the screen.

2 Your Gallery will appear on the screen.

3 Tap a video to play it automatically.

Adjusting the volume when viewing a video

To adjust the volume of a video while it is playing, use the Volume Keys on the left side of the phone.

LG Unique Function

QuickMemo

The QuickMemo feature allows you to create memos and capture screen shots.
You can use QuickMemo to easily and efficiently create memos during a call, with a saved picture or on the current phone screen.

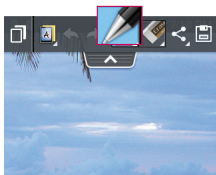1 Access the **QuickMemo** feature by pressing both Volume Keys for one second on the screen you want to capture.
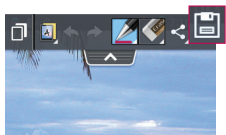
OR
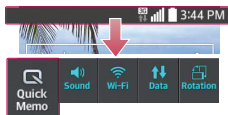
OR

Drag the Status Bar down and and tap ▣ on the Quick Settings Bar.

LG Unique Function

**2** Create a memo using the toolbar options.

3 Tap 🖫 in the Edit menu to save the memo to the QuickMemo album in your Gallery.

NOTE: Please use a fingertip while using the QuickMemo function. Do not use your fingernail.

Using the QuickMemo options

The following options are available when using QuickMemo.

🖾	Allows you to choose a background.
◀ ▶	Undo or redo previous actions.
🖉	Selects the pen type, pen color, and cropping tool.
🖎	Erases the memo that you created.

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![share icon]	Tap to send your memo to others or share it via social network services.
![save icon]	Saves the memo in the **Gallery**.

Viewing the saved QuickMemo

Open the **Gallery** and select the **QuickMemo** album.

Multimedia

Gallery

You can store multimedia files in the internal and external memory for easy access to all your multimedia files. Use this application to view multimedia files like pictures and videos.

• From the Home screen, tap ▦ > **Apps** tab (if necessary) > **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

Open the Gallery to display your available albums. When another application, such as Email, 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 ⬤.

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.

Editing photos/videos

When viewing an photo/video, tap the **Menu Key** ▤ and use the advanced editing options.

Deleting images

Use one of the following methods:
- In an album, tap ▯ and select photos/videos by tapping them, then tap **Delete**.
- When viewing a photo/video, tap ▯.

Setting a photo as the wallpaper

When viewing a photo, tap the **Menu Key** ▤ and select **Set image as** to set the image as the Home screen or Lock screen wallpaper.

Multimedia

Videos

Your phone has a video player that lets you play all of your favorite videos.

Playing a video

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Videos** 📺.
2 Select the video you want to play.

⏸	Tap to pause video playback.
▶	Tap to resume video playback.
⏩	Touch and hold to fast-forward in 3 second increments. Tap once to fast-forward 10 seconds.
⏪	Touch and hold to rewind in 3 second increments. Tap once to rewind 10 seconds.
🔊	Tap to adjust the video volume.
▣	Tap to change the ratio of the video screen.
🔓	Tap to lock a video screen.

To change the volume while watching a video, press the Volume Keys on the left side of the phone.

Touch and hold a video in the list. The **Share**, **Delete** and **Details** options will be displayed.

NOTE: While watching a video, slide the left side of the screen up and down to adjust the brightness. Slide the right side of the screen up and down to adjust the volume.

Music

Your phone has a music player that lets you play all your favorite tracks. To access the music player, from the Home screen, tap ▦ > **Apps** tab (if necessary) > **Music** 🎵 .

Playing a song

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Music** 🎵 .
2 Tap the **Songs** tab.
3 Select the song you want to play.

You Tube	Tap to find the the song on YouTube.
⭐	Tap to add the song to your Favorites playlist.
✖	Tap to set shuffle mode.
🔁	Tap to set repeat mode.
🔊	Tap to adjust the music volume.
❚❚	Tap to pause playback.

Multimedia

▶	Tap to resume playback.
▶▶ᴵ	Tap to skip to the next track on the album or in the playlist. Touch and hold to fast-forward in 3 second increments.
ᴵ◀◀	Tap to go back to the beginning of the song. Tap twice to return to the previous song. Touch and hold to rewind in 3 second increments.
☰	Tap to see the current playlist.
☰	Tap to go to the library.

To change the volume while listening to music, press the Volume Keys on the left side of the phone.

Touch and hold any song in the list to access **Play**, **Add to playlist**, **Share**, **Set as ringtone**, **Delete**, **Details**, and **Search**.

> **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.
> • 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

Setting your alarm

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Alarm/Clock** 🕐 > ⊕.

2 Set the time and select **AM** or **PM**.

3 Set **Repeat**, **Snooze duration**, **Vibration**, **Alarm sound**, **Alarm volume**, **Auto app starter**, **Puzzle lock** and **Memo**.

4 Tap **Save** to save the alarm.

NOTE: To change alarm settings, tap the **Menu Key** ▤ on the Alarms screen and select **Settings**.

Using your calculator

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Calculator** ▦.

2 Tap the number keys to enter numbers.

3 For simple calculations, tap the function you want to perform (➕, ➖, ✖ or ➗) followed by ═.

NOTE: For more complex calculations, tap the **Menu Key** ▤, select **Scientific calculator**, then choose the desired functions.

NOTE: To check your previous calculation history, tap the **Menu Key** ▤, select **Calculation history**.

Utilities

Adding an event to your calendar

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Calendar** 🗓.

2 Tap ◢ and choose from **Day, Week, Month, Year,** or **Agenda** to change the month view.

3 Tap the date for which you wish to add an event and touch ⊕.

4 Tap the **Event name** field and enter the event name.

5 Tap the **Location** field and enter the location. Check the date and enter the time you wish your event to start and finish.

6 If you wish to add a note to your event, tap the **Description** field and enter the details.

7 If you wish to repeat the alarm, set **REPEAT** and set **REMINDERS**, if necessary.

8 Tap **Save** to save the event in the calendar.

Voice Recorder

Use the voice recorder to record voice memos or other audio files.

Recording a sound or voice

1 From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Voice Recorder** 🎙.

2 Tap ● to begin recording.

3 Tap ■ to end the recording.

4 Tap ▶ to listen to the recording.

NOTE: Tap ☰ to access the list of recordings. You can listen to the saved recording. The available recording time may differ from actual recording time.

POLARIS Viewer 5

POLARIS Viewer 5 let you view various types of electronic documents such as MS Office, PDF, Text, and more.

• From the Home screen, tap ▦ > **Apps** tab (if necessary) > **POLARIS Viewer 5** 📄.

Google+

Use this application to stay connected with people via Google's social network service.

• From the Home screen, tap ▦ > **Apps** tab (if necessary) > **Google+** 👤.

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

Utilities

Voice Search

Use this application to search webpages using voice.
1 From the Home screen, tap > **Apps** tab (if necessary) > **Voice Search** .
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.
• From the Home screen, tap > **Apps** tab (if necessary) > **Downloads** .