LG
Life's Good

ENGLISH

USER GUIDE
LG-P970

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CE0168 ①

P/N: MFL67204201(1.0) H

www.lg.com

Wi-Fi (WLAN)	This equipment may be operated in all European countries.
	The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France, Russia and Ukraine.

Bluetooth QD ID B017629

LG-P970 User Guide - English

- Some of the contents of this manual may not apply to your phone depending on your phone's software or your service provider.
- This handset is not recommended for the visually impaired because of its touch-screen keypad.

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Contents

Guidelines for safe and efficient use

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

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information This mobile phone model LP-P970 has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

• The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardised methods with the phone transmitting at its highest certified power level in all used frequency bands.

• While there may be differences between the SAR levels of various LG phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

• The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) is 2W/kg averaged over 10g of tissue.

• The highest SAR value for this model phone tested by DASY4 for use at the ear is 1.27 W/kg (10g) and when worn on the body is 1.43 W/Kg(10g).

• SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the Institute of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over 1g of tissue.

Guidelines for safe and efficient use

Product care and maintenance

> ⚠ **WARNING**
>
> Only use batteries, chargers and accessories approved for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone and may be dangerous.

- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- Repairs under warranty, at LG 's discretion, may include replacement parts or boards that are either new or reconditioned, provided that they have functionality equal to that of the parts being replaced.
- Keep away from electrical appliances such as TVs, radios and personal computers.

- The unit should be kept away from heat sources such as radiators or cookers.
- Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- Switch off the phone in any area where you are required to by special regulations. For example, do not use your phone in hospitals as it may affect sensitive medical equipment.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock and can seriously damage your phone.
- Do not charge a handset near flammable material as the handset can become hot and create a fire hazard.
- Use a dry cloth to clean the exterior of the unit (do not use solvents such as benzene, thinner or alcohol).
- Do not charge the phone when it is on soft furnishings.

- The phone should be charged in a well ventilated area.
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object as it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use accessories like earphones cautiously. Do not touch the antenna unnecessarily.

Efficient phone operation

Electronics devices

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

- Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over pacemakers, for example, in your breast pocket.
- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs etc.

Guidelines for safe and efficient use

Road safety

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

- Do not use a hand-held phone while driving.
- Give full attention to driving.
- Use a hands-free kit, if available.
- Pull off the road and park before making or answering a call if driving conditions require you to do so.
- RF energy may affect some electronic systems in your vehicle such as car stereos and safety equipment.
- If your vehicle is equipped with an air bag, do not obstruct it with installed or portable wireless equipment. This can cause the air bag to fail or cause serious injury due to improper performance.

- If you are listening to music whilst out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is of particular importance when near roads.

Avoid damage to your hearing

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

NOTE: Excessive sound pressure from earphones can cause hearing loss.

Glass Parts

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

Blasting area

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

Potentially explosive atmospheres

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

In aircraft

Wireless devices can cause interference in aircraft.

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

Children

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

Guidelines for safe and efficient use

Emergency calls

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

Battery information and care

- You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- Use only LG batteries and chargers. LG chargers are designed to maximise the battery life.
- Do not disassemble or short-circuit the battery.
- Keep the metal contacts of the battery clean.

- Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times before it needs replacing.
- Recharge the battery if it has not been used for a long time to maximise usability.
- Do not expose the battery charger to direct sunlight or use it in high humidity, such as in the bathroom.
- Do not leave the battery in hot or cold places, as this may deteriorate battery performance.
- There is risk of explosion if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions. Please recycle when possible. Do not dispose as household waste.

- If you need to replace the battery, take it to the nearest authorised LG Electronics service point or dealer for assistance.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.
- Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.

Disposal of your old unit

1 When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.

2 All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

3 The correct disposal of your old unit will help prevent potential negative consequences for the environment and human health.

4 For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

Disposal of waste batteries/accumulators

1 When this crossed-out wheeled bin symbol is attached to batteries/accumulators of a product it means they are covered by the European Directive 2006/66/EC.

2 This symbol may be combined with chemical symbols for mercury (Hg), cadmium (Cd) or lead (Pb) if the battery contains more than 0.0005% of mercury, 0.002% of cadmium or 0.004% of lead.

3 All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

4 The correct disposal of your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.

5 For more detailed information about disposal of your old batteries/accumulators, please contact your city office, waste disposal service or the shop where you purchased the product.

Important notice

Please check to see if any problems you have 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 available space on your phone memory is less than 10%, your phone can't receive new messages. You will need to check your phone memory and delete some data, such as applications or messages to make more memory available.

To manage the application:

1 On the home screen, touch **Applications** tab and select **Settings** > **Applications** > **Manage applications**.

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

3 Tap **Uninstall** and touch OK to uninstall application you desired.

2. Optimising battery life

You can extend your battery's life by turning off features that you don't need constantly running in the background. You can also monitor how applications and system resources consume battery power.

To extend the life of your battery:

• Turn off radio communications that you aren't using. If you aren't using Wi-Fi, Bluetooth or GPS, turn them off.

• Turn down 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 cause your battery's life to be reduced.

To check the battery charge level:

1 On the home screen, touch **Applications** tab and select **Settings** > **About phone** > **Status**.

Important notice

2 The battery status (charging, discharging) and level (as a percentage of fully charged) are displayed at the top of the screen.

To monitor and control what uses the battery:

1 On the home screen, touch **Applications** tab and select **Settings** > **About phone** > **Battery use.**

2 The top of the screen displays battery usage time. This is either how long since your phone was last connected to a power source or if connected to a power source, how long since your phone was last run on battery power. The body of the screen lists applications or services using battery power from greatest amount to least.

3. Installing an open source OS

If you install an open source OS on your phone and you do not use the OS provided by the manufacturer, this may cause your phone to malfunction.

⚠ WARNING

If you install and use an OS other than the one provided by the manufacturer, your phone is no longer covered by the warranty.

⚠ WARNING

To protect your phone and personal data, download applications only from trusted sources, such as Android Market. If some applications are not properly installed on your phone, your phone may not work properly or serious errors may occur. You will need to uninstall those applications and all of its data and settings from the phone.

4. Using unlock pattern

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

You can draw your own unlock pattern by connecting four or more dots.
If you set a pattern, the phone screen will lock. To unlock the phone, draw the pattern you have set on the screen.

Caution: When you set an unlock pattern, you need to create your Gmail account first.

⚠ WARNING
Precautions to take when using the Pattern Lock

It is very important that you remember the unlock pattern you set. You have 5 opportunities to enter your unlock pattern, PIN or password. If you have used all five chances, you can try again after 30 seconds.

If you can't recall your unlock pattern, PIN or password:

If you have tried to log on to your Google account on the phone and failed to use correct pattern five times, tab the Forgot pattern button. You will then be required to sign in with your Google account to unlock your phone.

Important notice

5. 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 implement other security features, so you must configure your phone to connect to them.

Turn off Wi-Fi when you're not using it to extend the life of your battery.

To turn Wi-Fi on and connect to a Wi-Fi network:

1 On the home screen, touch **Applications** tab and select **Settings** > **Wireless & networks** > **Wi-Fi settings**.

2 Touch **Wi-Fi** to turn it on and begin scanning for available Wi-Fi networks.

• List of available Wi-Fi networks is displayed. Secured networks are indicated by a lock icon.

3 Touch a network to connect to it.

• If the network is open, you are prompted to confirm that you want to connect to that network by touching **Connect**.

• 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 Wi-Fi status.

6. Opening and switching applications

Multi-tasking is easy with Android because open applications keep running even when you open another application. There's no need to quit an application before opening another. Use and switch among 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 the application you use:

1 On the home screen, touch **Applications** tab and select **Settings**> **Applications**> **Manage applications**.

2 Scroll to the desired application and touch **Force Stop** to stop using it.

TIP!
Getting back to a recent Application

Touch and hold the **Home** key. A screen will appear listing the applications you have used recently.

7. Installing the LG PC suite on your PC

To synchronise your phone with your PC via a USB cable, you need to install the LG PC suite program on your PC.

You can download this program from the LG website (http://www.lg.com). Go to http://www.lg.com and select your region, country & language. Visit the LG website for more information on installing and using the program.

The PC suite is saved in the microSD memory card found as part of the in-box contents and you can simply copy it to your PC.

Important notice

LG PC SUITE

The LG PC Suite IV is a program that helps you connect your mobile phone to a PC using a USB data communication cable, so that you can use the functions of your mobile phone on your PC.

Major functions of the LG PC Suite IV

- Create, edit and delete phone data conveniently
- Synchronise data from a PC or phone (contacts, calendar, message (SMS), bookmark)
- Transfer multimedia files (photo, video, music) conveniently with a simple drag & drop between your PC and your phone
- Transfer messages from your phone to your PC

- S/W update without losing your data

LG-P970 does not support:
- PC Connection via Bluetooth
- To-do in Calendar
- Java Application

For more information, please refer to the user's guide for LG PC Suite IV. This can be found in the Help menu after installing LG PC Suite IV.

To Install the LG PC Suite to your PC

1 Insert your microSD memory card in your phone. (It may already be inserted on your phone.)
2 Before connecting the USB data cable, make sure that the **Mass storage** mode is enabled on your phone. (On the **Applications** tab, choose **Settings** > **Applications** > **Development** > uncheck **USB debugging**.)

3 Connect your phone to your PC using the USB data cable.

4 Touch **Turn on USB storage**.

(1) You can view the mass storage content on your PC and transfer the files.

(2) Copy the 'LGPCSuiteIV' folder on your mass storage device to your PC.

(3) Run 'LGInstaller.exe' file on your PC and follow the instructions.

* When LG PCSuite IV installation is completed, disable **Mass storage** mode to run the LG PCSuite IV.

NOTE: Please do not remove or delete other program file installed on your memory card as this may cause damage to the pre-installed applications on your phone.

8. Connecting your phone to a computer via USB

To transfer files in your microSD card using USB devices:

1 Install your microSD card in your phone. (It may already be inserted on your phone.)

2 Before connecting the USB data cable, make sure that the **Mass storage** mode is enabled on your phone. (On the **Applications** tab, choose **Settings** > **Applications** > **Development** > uncheck **USB debugging**.)

3 Use the USB cable with your phone to connect the phone to a USB port on your computer. Touch **Turn on USB storage**. You will receive notification that the USB is connected.

Important notice

When the phone is connected as USB storage, you will receive a notification. You phone's microSD card is mounted as a drive on your computer. You can now copy files to and from the microSD card.

NOTE: When uninstalling PC Suite IV, USB and Bluetooth Drivers are not automatically removed. Therefore, they must be uninstalled manually.

TIP! To use the microSD card on you phone again, you need to open the notification drawer and touch **Turn off USB storage.** During this time, you can't access the microSD card from your phone, so you can't use applications that rely on the microSD card, such as camera, gallery and music functions.To disconnect your phone from the computer, carefully follow your computer's instructions for correctly disconnecting USB devices, to avoid losing information on the card.

1 Safely disconnect the USB device on your computer.
2 Open the notification drawer and touch **Turn off USB storage**.
3 Touch **Turn off** in the dialog that opens.

⚠ WARNING

Do not insert or remove the microSD card when the phone is on. Otherwise, it may damage the microSD card as well as your phone, and the data stored on the microSD card may be corrupted. To remove the microSD card safely, from the home screen, touch the **Menu** key and touch **Settings > SD card & phone storage > Unmount SD card.**

9. Unlock screen when using data connection

Your display will go dark if untouched for a period of time when using data connection. To turn on your LCD screen, just touch it.

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

Make sure you disconnect your phone and PC via data cable as it might cause errors on your PC.

11. Hold your phone upright

Please hold your phone straight and upright, as with a normal phone The LG-P970 has an internal antenna. Be careful not to scratch or damage the back of the phone, as this will cause loss of performance. While making/receiving calls or sending/receiving data, try to avoid holding the lower part of the phone where the antenna is located. This may affect call quality.

12. If the screen freezes

If the phone does not respond to user input or the screen freezes:
Remove the battery, insert it again and switch on the phone. If it still does not work, please contact the service centre.

Getting to know your phone

To turn on the phone, press and hold the **Power** key for 3 seconds.

To turn off the phone, press and hold the **Power** key for 3 seconds, touch **Power off** and touch OK.

Earpiece

Proximity Sensor

Home key
- Return to home from any screen.

Menu key
- Check what options are available.

Power/Lock key
- Switch your phone on/off by pressing and holding this key.
- Turn off and lock the screen.

Back key
- Return to the previous screen.

Search key
- Search the web and contents in your phone.

Microphone

⚠ **WARNING:** Placing a heavy object on the phone or sitting on it can damage its LCD and touch screen functions.
Do not cover the protective film on the LCD's proximity sensor.
This may cause the sensor to malfunction.

TIP! Touch the **Menu** key whenever you tap an application to check what options are available.

TIP! If the LG-P970 displays error messages when you use it, or if you cannot turn it on, remove the battery, put it back in, then turn it on after 5 seconds.

Microphone

Charger, micro USB cable connector

Stereo earphone connector

Power/Lock key
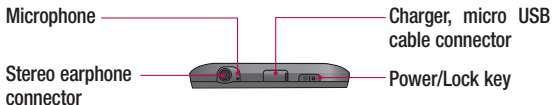
Volume keys
- On the home screen: control ringer volume.
- During a call: control your earpiece volume.
- When playing a track: control volume continuously.

3D Motion Gesture key (G-key)
- Easy to activate features instantly by tilting, shaking or tapping the phone.
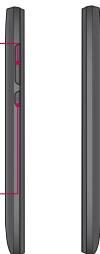
Back cover

microSD memory card slot

Camera lens

Battery

SIM card slot

Speaker
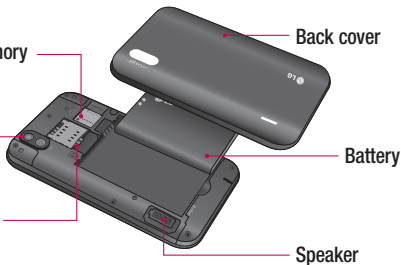
Getting to know your phone

Installing the SIM card and battery

Before you can start exploring your new phone, you'll need to set it up. To insert the SIM card and battery:

1 To remove the back cover, hold the phone firmly in your hand. With the other hand, firmly press down the centre of the battery cover, while pulling the top away with your forefinger. Then lift off the battery cover.

2 Slide the SIM card into the SIM card holder. Make sure the gold contact area on the card is facing downwards.

3 Insert the battery into place by aligning the gold contacts on the phone and the battery.
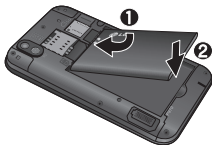
4 Replace the back cover of the phone.

Charging your phone

The charger connector on the top of your LG-P970. Insert the charger and plug it into an electrical socket. Your LG-P970 must be charged until you can see 🔋.

NOTE: The battery must be fully charged initially to extend battery lifetime.

Installing the memory card

To store multimedia files, such as photographs created with the built-in camera, you must insert a memory card into your phone.

To insert a memory card:

1 Turn off your phone before inserting or removing the memory card. Remove the back cover.
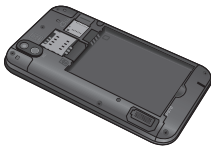
2 Insert the memory card into the slot. Make sure the gold contact area is facing downwards.

Getting to know your phone

Formatting the memory card

Your memory card may already be formatted. If it isn't, you must format it before you can use it.

NOTE: All files on your memory card are deleted when you format it.

1 On the home screen, touch the **Applications** tab to open the applications menu.

2 Scroll and touch **Settings**.

3 Scroll and touch **SD card & phone storage**.

4 Touch **Unmount SD Card**.

5 Touch **Format SD card**, then confirm your choice.

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6 If you set the pattern lock, input the pattern lock and select **Erase Everything.** The card will then be formatted and ready to use.

NOTE: If there is content on your memory card, the folder structure may be different after formatting, as all the files will have been deleted.

TIP! If your memory card is already unmounted, you can use the following steps to format it. Touch **Applications > Settings > SD card & phone storage > Format SD Card.**

⚠ WARNING

Do not insert or remove the memory card when the phone is on. Otherwise, you may damage the memory card as well as your phone and the data stored on the memory card may be corrupted. To remove the memory card safely, please select **Applications > Settings > SD card&phone storage > Unmount SD card.**

Your Home screen

Touch-screen tips

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

Touch - To choose a menu/option or open an application, touch it.

Touch and hold - To open an options menu or grab an object you want to move, touch and hold it.

Drag - To scroll through a list or move slowly, drag across the touch screen.

Flick - To scroll through a list or move quickly, flick across the touch screen (drag quickly and release).

Flip - Pause or mute in incoming call, Music/video player or alarm menus.

Tilting & Panning - Zoom in/out and navigate through lists.

Tapping - Control music and move the cursor on a text page by tapping one of the four sides of the phone.

NOTE:

• To select an item, touch the centre of the icon.

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

• Use the tip of your finger to touch the option you want. Be careful not to touch any other keys.

Lock your phone

When you are not using the LG-P970, press the **Power** key to lock your phone. This helps to prevent accidental touching of the keys and saves battery power.

If you do not use the phone for a while, the home screen or other screen you are viewing is replaced by the lock screen to conserve the battery.

NOTE: If there are any programs running when you set the pattern, they may continue running in lock mode. It is recommended that you

Your Home screen

exit all programs before entering lock mode to avoid unnecessary charges (e.g. phone call, web access and data communications).

Unlock screen

> **TIP!** Press the G-key on the left side of the phone, keep it pressed, then shake the phone twice. The camera preview will automatically be launched.

To wake up your phone, press the **Power** key. The lock screen will appear. Touch and slide up the lock screen to unlock your home screen. The last screen you were working on will open.

Home

Simply swipe your finger to the left or right to view them.
You can also customise each panel with widgets, shortcuts to your favourite applications, folders and wallpapers.

> **TIP!** Once the G-key is held down, tilting the phone left or right allows you to view the wallpaper quickly.

NOTE: Some screen images may be different depending on your phone provider.

In your home screen, you can view quick keys on the bottom of the screen. The quick keys provide easy, one-touch access to the functions you use the most.

 Touch the **Phone** to bring up the touch-dialling pad to make a call.

 Touch the **Contacts** to open your contacts.

 Touch the **Messaging** icon to access the messaging menu. Here, you can create a new message.

 Touch the **Applications** tab at the bottom of the screen. You can then view all your installed applications. Just touch to scroll through your applications.

To open the desired application, simply touch the icon in the applications list.

NOTE: Preloaded applications may be different depending on your phone's software or your service provider.

Adding widgets to your home screen

You can customise your home screen by adding shortcuts, widgets, or folders to it. For more convenience when using your phone, add your favourite widgets to the home screen.

To add a desired icon to your home screen:

1. On the home screen, touch the **Menu** key and select **Add**. Or long touch the empty part of the home screen.
2. On the **Edit Mode** menu, touch the type of item you want to add.

3. For example, select **Folders** from the list and tap it. Select **Contacts with phone numbers** from the list and tap it.
4. You will see a new folder's icon on the home screen. Drag it to the desired location on the desired panel and release your finger from the screen.

TIP! To add an application icon to the home screen on the **Applications** menu, touch and hold the application you want to add.

To remove an application icon from the home screen:

1. Touch and hold the icon you want to remove.
2. Drag and drop an application icon to the bin icon .

NOTE: You cannot delete the preloaded applications. (Only their icons can be deleted from the screen.)

Your Home screen

Getting back to a recently used application

1. Touch and hold the **Home** key. The screen will show you a pop up with icons of applications that you have used recently.
2. Touch an icon to open its application. Or touch the **Back** key to return to the current application.

Notification drawer

The notification drawer runs across the top of your screen.

![16/03/2011 16:14 status bar with icons]

Ring Wi-Fi Bluetooth GPS Data enabled
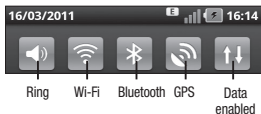
Touch and slide the notification drawer down with your finger.

![16/03/2011 16:15 status bar with downward arrow gesture]
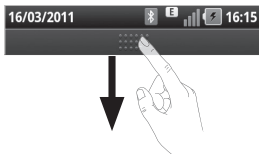
Or on the home screen touch the **Menu** key and select **Notifications**. Here you can check and manage Wi-Fi, Bluetooth, GPS status as well as other notifications.

Viewing the status bar

The status bar uses different icons to display phone information, such as signal strength, new messages, battery life and active Bluetooth and data connections.

Below is a table explaining the meaning of icons you are likely to see in the status bar.

![16/03/2011 16:14 status bar]

[Status bar]

Icon	Description
	No SIM card
	No signal
	Flight mode
	Connected to a Wi-Fi network
	Wired headset
	Call in progress
	Call hold
	Speakerphone
	Phone microphone is muted
	Missed call
	Bluetooth is on
	Connected to a Bluetooth device
	System warning
	Alarm is set
	New voicemail

Icon	Description
	Ringer is silenced
	Vibrate mode
	Battery fully charged
	Battery is charging
	Data in and out
	Phone is connected to PC via USB cable
	Downloading data
	Uploading data
	GPS is acquiring
	Receiving location data from GPS
	On-Screen Phone connected
	3 more notifications not displayed

Icon	Description
	Data is syncing
	Download finished
	New email
	New Gmail
	New Google Talk message
	New message
	Song is playing
	Upcoming event
	FM radio turned on in the background
	Portable Wi-Fi hotspot is active
	SmartShare On
	SmartShare sharing request

Your Home screen

Onscreen keyboard

You can enter text using the onscreen keyboard. The onscreen keyboard appears automatically on the screen when you need to enter text. To manually display the keyboard, simply touch a text field where you want to enter text.

Using the keypad & entering text

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

123? ABC Tap to switch to the numeric and symbol keyboard. You can also touch and hold this tab to view the settings menu.

⊕ Tap to view or change the writing language.

space Tap to enter a space.

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

✕ Tap to delete the previous character.

↓ Tap to hide the onscreen keyboard.

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 special characters are shown. And select the special character you want.

Google Account Set-up

The first time you open the 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 On the home screen, touch **Applications** tab 🎛 to open the applications menu.

2 Tap **Gmail** and tap **Next > Create** to start the Gmail set up wizard.

3 Touch a text field to open the touch keyboard and enter your name and username for your Google account. When entering text, you can move to the next text field by touching **Next** on the keyboard.

4 When you have finished inputting your name and username, tap **Next**. Your phone is communicating with Google servers and checking 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 Enter your email address and password, then tap **Sign in**. Wait for signing in.

2 After sign in, you can use Gmail and take advantages of Google services on your phone.

3 Once you have set up your Google account on your phone, your phone will be automatically synchronised with your Google account on the web. (This depends on your synchronisation settings.)

Google Account Set-up

After sign in, you can use Gmail, Google Calendar and Android Market; download applications from Android Market; and take advantage of other Google services on your phone.

IMPORTANT!

• Some applications, such as Calendar, only work with the first Google Account you add. If you plan to use more than one Google Account with your phone, be sure to sign into the one you want to use with these applications first. When you sign in, your contacts, Gmail messages, calendar events and other information from these applications and services on the web are synchronised with your phone. If you don't sign into a Google account during setup, you will be prompted to sign in or to create a Google account the first time you start an application that requires one, such as Gmail or Android Market.

• If you have an enterprise account through your company or other organisation, your IT department may have special instructions on how to sign into that account.

Calls/Contacts

Making a voice call

1 Touch 📞 to open the keypad.
2 Enter the number on the keypad. To delete a digit, touch **Clear** icon ⌫.
3 Touch **Call** icon 📞 to make a call.
4 To end a call, touch **End** icon 📵.

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

> **TIP!** To bring up the keypad during a call, touch **Dialpad**.

Making a video call

1 Touch 📞 to open the keypad.
2 Enter the phone number as before.
3 Touch the **Video call** icon 📹 to make a video call.

4 If you do not want to use the speaker phone, touch **Speaker** and ensure you have the headset plugged in.
5 While the video call is connecting, you will see your own image; after the other party has answered, their image will be displayed on the screen. Adjust the inner camera position if necessary.
6 To end a video call, touch **End**.

Private: You can change the image instead of showing the current private image.

Dialpad: Type in a number.

Hold: Mute the sound and pause the video.

Mute: Mute the sound.

Speaker: Speaker on or off.

Calls/Contacts

In Video call Menu

Capture - You can capture an image of the other.

Use secondary camera - Switch the camera.

Calling your contacts

1 Touch 👤 to open your contacts.
2 Scroll through the contact list or enter the first letter(s) of the contact you want to call by touching **Search**.
3 In the list, touch the contact you want to call.

Answering and rejecting a call

> **TIP!** Flip your phone or press the volume (side) key to mute the incoming call.
> Press the volume (side) key to mute the incoming call also.

> **TIP!** Press the G-key and shake your phone to answer a call.
> On a call press the G-key and shake to quit the call.

When screen locked:

When your phone rings, Drag decline icon 📞 to the left to decline/reject an incoming call.

When screen is unlocked:

When your phone rings, touch the **Accept** icon 📞. Touch decline icon 📞 to Decline/Reject an incoming call.

TIP! Excuse messages

When you want to decline/reject a call, you can send a message quickly by dragging **Excuse msg** on the screen. This is useful if you need to reply the message during a meeting.

Adjusting call volume

To adjust the in-call volume during a call, use volume up & down keys on the left side of the phone.

Making a second call

1 During your initial call, touch **Add call** .
2 Dial the number or search your contacts to select the number you want to call.
3 Touch the **Call** icon to connect the call.
4 Both calls will be displayed on the call screen. Your initial call will be locked and put on hold.
5 Touch the list of holding on to toggle between calls.
   NOTE: You can touch **Merge calls** to make a conference call.
6 To end active calls, touch **End** icon .

Viewing your call logs

On the home screen, touch and choose **Call log** tab.

View a complete list of all dialled, received and missed calls.

> **TIP!** Touch any single call log entry to view the date, time and duration of the call.

> **TIP!** Touch the **Menu** key, then touch **Delete All** to delete all the recorded items.

Call settings

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

1 On the home screen, touch the **Applications** tab to open the applications menu.
2 Scroll and touch **Settings**.

Calls/Contacts

3 Tap **Call settings** and choose options that you want to adjust.

< Fixed Dialling Numbers >

Select **Fixed Dialling Numbers** to turn on and compile a list of numbers that can be called from your phone. You'll need your PIN 2 code, which is available from your operator. Only numbers within the fixed dial list can be called from your phone.

< Voicemail >

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

Voicemail settings – If you are using your carrier's voicemail service, this option allows you to enter the phone number to use for listening to and managing your voicemail.

< Other call settings >

Call forwarding – You can configure how your calls are forwarded when you're on the phone, when you don't answer and so on.

Other call settings – This lets you change the following settings:

- **Caller ID:** Choose whether to display your number on 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. (Depends on your network provider.)
- **Select line:** Allow two different phone numbers in your SIM to select and use.

Call barring – Select when you would like calls to be barred. Enter the call barring password. Please check with your network operator about this service.

Call costs – View the charges applied to your calls. (This service is

network dependent; some operators do not support this function.)

Call duration – View the duration of all calls including all, dialed, received calls and the last call.

Excuse messages – When you reject a call, you can send a message quickly by using this function. This is useful if you need to reply the message during a meeting.

Video call settings – Change your video call settings.

Contacts

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

Searching for a contact

1 On the home screen, touch [icon] to open your contacts.
2 Touch **Search** and enter the contact name using the keypad.

Adding a new contact

1 On the home screen, touch [icon], and enter the new contact's number, then touch the **Menu** key, touch **Add to contacts.** Select **Create new contact** or **Add to existing**.
2 If you want to add a picture to the new contact, touch [icon]. Choose from **Capture picture** or **Pick from gallery**.
3 Select the contact type by touching [icon].
4 Touch a text field to open the touch keyboard and enter a new contact's name.
5 Touch a category of contact information and enter the details about your contact.
6 Touch **Done** to save the contact.

Calls/Contacts

Favourite contacts

You can classify frequently called contacts as favourites.

To add a contact to your favourites:

1 On the home screen, touch 👤 to open your contacts.

2 Touch a contact to view their details.

3 Touch the star to the right of the contact's name. The star turns gold.

To remove a contact from your favourites list:

1 On the home screen, touch 👤 to open your contacts.

2 Touch **Groups** tab and select **Favourites**. Touch a contact to view their details.

3 Touch the gold star to the right of the contact's name. The star turns grey and the contact is removed from your favourites.

Messaging/Email

Messaging

Your LG-P970 combines SMS and MMS into one intuitive, easy-to-use menu.

Sending a message

1 Touch icon on the home screen and touch **New message** to open a blank message.

2 Enter a contact name or call number in the **To** field. As you enter the contact name, matching contacts appear. You can touch a suggested recipient. You can add multiple contacts.

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

3 Touch **Enter message** below to start entering your message.

4 Touch **Send** to send your message.

   TIP! You can touch icon to attach the file you want to share with your message.

5 The message screen opens, with your message after your name. Responses 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 how the SMS is coded and the language.

> ⚠ **WARNING**
>
> If an image, video or audio file is added to an SMS message, it will be automatically converted into an MMS message, and you will be charged accordingly.

NOTE: If you get an SMS message during a call, there will be ring notification.

Messaging/Email

Changing your message settings

Your LG-P970 message settings are predefined, so you can send messages immediately. You can change the settings based on your preferences.

Touch **Messaging** icon on the home screen and touch the **Menu** key, then tap **Settings**.

Setting up your email

Touch **Applications** tab and select **Email**. If the email account is not set up, you need to start the email set up wizard.

> **TIP!** If an email account is already set up, the wizard is not activated automatically.

You can select mailbox type between **MS Exchange** and **Others**.

Microsoft Exchange email account

Email address – Enter the email address.

User name – Enter the account's user name.

Password – Enter the account's password.

Domain – Enter the account's domain (optional).

Server address – Enter the server address.

Use SSL – Choose whether to use SSL for Microsoft Exchange.

Touch the **Next** button to connect to the server.

Setup complete screen will appear and you need to enter "name" for account display and my name.

Now the account will appear in the list of accounts.

Others (POP3, IMAP, GME) email account

Email address – Enter the email address.

Password – Enter the account's password.

Choose whether to enable Push Email account. Once you select to enable, it will connect to the server immediately.
Setup complete screen will appear and you need to enter "name".

Now the account will appear in the list of accounts.

Incoming server – Enter the incoming email server address.

Port number – Each account's default number will be displayed.

Secure type – Choose from TLS, SSL and Off.

Outgoing server – Enter the outgoing email server address.

Port number – Each account's default number will be displayed.

SMTP Secure type – Choose from TLS, SSL and Off.

The Accounts screen

The **Accounts** screen lists your **Combined Inbox** and each of your email accounts.

• Touch **Application** tab and select **Email**. The **Account list** screen appears.

> **TIP!** In account lists touch and hold an email account to move the account icon in your home screen. Touch the icon to go to the **Inbox** directly.

You can touch an account to view its **Inbox**. The account from which you send email by default is indicated with a checkmark.

Messaging/Email

Composing and sending email

To compose and send a message:

1 While in the **Email** application, touch the **Menu** key and touch **Compose**.

2 Enter an address for the message's intended recipient. As you enter text, matching addresses are offered from your contacts. Separate multiple addresses with commas.

3 Touch the **Menu** key and touch **Add Cc/Bcc** to be able to add Cc or Bcc other contacts/email addresses.

4 Enter the text of the message body.

5 Touch **Attach** to attach the file you want to share with your message.

6 Touch **Send.**
If you're not ready to send the message, touch the **Menu** key and touch **Save as draft** draft to save it in a **Drafts** folder. Touch a draft message in a **Drafts** folder to resume working on it. Your message will also be saved as a draft if you touch the **Back** key [back arrow icon] before sending it. Touch **Discard** to abandon and delete a message, including any saved drafts. If you aren't connected to a network, for example, if you're working in flight mode, the messages that you send are stored in your **Outbox** folder until you're connected to a network again. If it contains any pending messages, the **Outbox** is displayed on the **Accounts** screen.

Please note that messages sent using an Exchange account will not be located on the phone; they will, however, be located on the Exchange server itself.

If you want to see your sent messages in the **Sent** folder (or with the **Sent** label), you will often need to open the **Sent** folder/label and select **Refresh** from the options menu.

> **TIP!** When a new email has arrived at the inbox, notification with sound, vibration will work. Tap the email notification to disappear that.

Working with account folders

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

Adding and editing email accounts

To add an email account:

1 Touch the **Applications tab** and select **Email**.
2 Select **MS Exchange** or **Others**.
3 Enter a name confirm how you want your name to appear in outgoing mail, then touch **Done.**

To change account settings:

1 Open the **Accounts** screen.
2 Touch and hold the account which you want to change the settings of. In the menu that opens, touch **Account settings**.

To delete an email account:

1 Open the **Accounts** screen.
2 Touch and hold the account you want to delete.
3 Touch **Delete** in the menu that opens and **OK** in the dialog box to confirm.

Social networking

With your phone, you can enjoy the social networking and manage your micro-blog in on-line communities. You can update your current status upload photos and view your friends' status updates.

If you don't have an account, you can visit the website to set one up.

NOTE: Additional costs may be incurred when connecting and using online services. Check data charges with your network provider.

Adding your account to your phone

1 On the home screen, touch the **Applications** tab to open the applications menu.

2 Choose any social networking client application you want to use among Facebook, Twitter, and MySpace.

3 Enter your email address and the password that you set up on your community, then tap **Log in**.

4 Wait while your details are checked with your community.

5 If you tap your community, you can see the current status of your social community.

> **TIP!** If you add 'My Status' widget on your home screen, it will show your status and help you update your status directly on the social community.
>
> You can also add 'Social Feeds' widget on your home screen which shows any updates and news from the social community.

Viewing and updating your status

1 Choose a community you want to access.

2 You can see the current status of your social community.

3 You can update your current status with comments or uploading photos.

NOTE: This is dependent on network services.

> **TIP!** You can use information about friends only in the social networking site or sync all data to contacts.

Removing accounts on your phone

1 Choose **Applications** > **Settings** > **Accounts & sync**.

2 Choose the account you want to delete, then touch **Remove account**.

What's New

Show notifications for a Missed call, an Unread message, Voice mail, Email, Twitter, Facebook, MySpace by priority. Notifications for a certain period of time are shown.

1 Choose **Applications** > **What's New**.

2 By tapping the button, you can choose either list view or category view.

Camera

Getting to know the viewfinder

Zoom - Zoom in or zoom out. Alternatively, you can use the side volume keys.

Convert - You can convert to the internal camera from the external one.
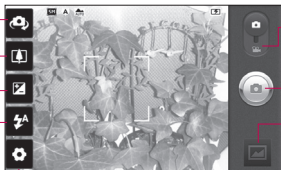
Video mode - Slide down this icon to switch to video mode.

Taking a photo

Gallery - Touch to view the last photo you captured. This enables you to access your gallery and view saved photos from within camera mode.

Settings - Touch this icon to open the settings menu. See Using the advanced settings.

Flash - Allows you to turn on the flash when taking a photo in a dark place.

Brightness - This defines and controls the amount of sunlight entering the image. Slide the brightness indicator along the bar, towards "-" to lower the brightness of the image or towards "+" to increase it.

TIP! You can close all the shortcut options to give a clearer viewfinder screen. Just touch the centre of the viewfinder once. To recall the options, touch the screen again.

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 Touch the shutter icon 🔘.
4 The camera brings the image into focus. When the image is in focus, the focus indicators in each corner turn green and the camera takes a picture.

Once you've taken the photo

Your captured photo will appear on the screen.

| Share | Touch to share your photo via **Bluetooth**, **Picasa, Messaging, Facebook for LG, MySpace for LG, Twitter for LG, Gmail,** or **Email.** |

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

TIP! If you have a social networking site account and set it up on your phone, you can share your photos to your community.

Set as	Touch to set the image as **Contact icon** or **Wallpaper**.
Rename	Touch to edit the name of the selected picture.
🗑	Touch to delete the image.
📷	Touch to take another photo immediately.
🖼	Touch to view the last photo you captured.

Using the advanced settings

In the viewfinder, touch 🔧 to open all advanced options.

You can change the camera setting by scrolling the wheel. After selecting the option, touch the **Back** key.

Focus – Touch this icon to select the options menu. See Using the focus mode.

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Camera

Image size – Touch to set the size (in pixels) of the picture you are taking.

Scene mode – Choose from **Normal**, **Portrait**, **Landscape**, **Sports**, **Sunset** and **Night**.

ISO – The ISO rating determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera will be. This is useful under darker conditions when you cannot use the flash.

White balance – Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent** and **Cloudy**.

Colour effect – Choose a colour tone for your new photo. Choose from **None, Sepia, Black & white, Negative, Vivid, Negative sepia, Blue, Emboss** and **Solarise**.

Timer – The self-timer allows you to set a delay before a picture is taken after the shutter is pressed.

Shot mode – Select various shooting modes from the options.

Image quality – Choose from **Super fine**, **Fine** and **Normal**. The finer the quality, the sharper the photo. However, the file size will increase as a result, which means you'll be able to store fewer photos in the memory.

Auto review – If you set **Auto review** to on, it will show you the picture you have just taken automatically.

Shutter sound – Select one of the four shutter sounds.

Tag location – Activate 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 geotagging, you can see the pictures displayed on a map.

NOTE: This function is only available when location service is activated.

⟳ Restore all camera default settings.

❓ Touch whenever you want to know how this function operates. This is to provide you with a quick guide.

TIP! When you exit the camera, some settings will return to default. Check camera settings before you take your next photo.

TIP! The settings menu is superimposed over the viewfinder, so when you change elements of the image colour or quality, you will see a preview of the image change behind the settings menu.

Using the focus mode

You can select the focus mode using the following options;

Auto – Set the camera to focus automatically.

Macro – Macro mode allows you to take extreme close-ups. If you are trying to take a close-up shot but the focus box remains red, try turning the macro mode on.

Continuous

Face tracking – If you set Face tracking and take a photo, your camera detects and focuses on human faces automatically.

Manual – Set the camera to focus manually.

Camera

Viewing your saved photos

1 You can access your saved photos from within the camera mode. Just touch [icon] and your gallery will appear on the screen. Touch the photo on the screen. You will then see **Slideshow** and **Menu**.

[icon] Touch to see slide show. Touch **Menu** and select the options you want.

[icon] Touch to share the contents.

[icon] Touch to delete a photo.

[icon] Touch **More** for more options below.

Details - Find out more information about the contents.

Set as - Set as contact icon or wallpaper.

Crop - Crop your photo. Move your finger across the screen to select the area.

Rotate - Rotate left or right.

TIP! In the thumbnail list you can move quickly by holding the G-key and tilting right or left.

TIP! Press the G-key to zoom In/Out of the photo. Once you are zoomed into a photo, hold down the G-key and tilt the phone to move around a photo.

TIP! Tapping the left or right side of the phone while photo is viewing allows you to go to the previous/next photo.

Video camera

Getting to know the viewfinder

Zoom - Zoom in or zoom out. Alternatively, you can use the side volume keys. Before starting to record a video, you can use the zoom function. You can't control the zoom function during recording.

Convert - You can convert to the internal camera from the external one.

Camera mode - Slide up this icon to switch to camera mode.

Start recording

Gallery - Touch to view the video you recorded last. This enables you to access your gallery and view your saved videos from within the video mode.

Settings - Touch this icon to open the settings menu. See Using the advanced settings.

Flash - Allows you to turn on the flash when taking a photo in a dark place.

Brightness - This defines and controls the amount of sunlight entering the video. Slide the brightness indicator along the bar, towards "-" to lower the brightness of the video or towards "+" to increase it.

Video camera

Shooting a quick video

1 Open the **Camera** application and slide the camera mode button down to the **Video** position. The shutter icon (📷) will change to (🎥).

2 The video camera viewfinder will appear on the screen.

3 Holding the phone horizontally, point the lens towards the subject of the video.

4 Touch the start video icon (🎥).

5 Rec will appear at the bottom of the viewfinder with a timer showing the length of the video.

6 Touch the stop video icon (⏹) to stop recording.

NOTE: A stored video file cannot exceed 4GB.

After shooting a video

A still image representing your video will appear on the screen.

Play	Touch to play the video.
Share	Touch to share your video via **Bluetooth**, **Email**, **Gmail**, **Messaging** or **YouTube.**

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

Rename	Touch to edit the name of the selected video.
🗑	Touch to delete the video you just made and confirm by touching **Yes**. The viewfinder will reappear.
📹	Touch to shoot another video straight away.
▤	Touch to view the last video you recorded.

Using the advanced settings

Using the viewfinder, touch 🔧 to open all the advanced options. Adjust the video camera settings by scrolling the wheel. After selecting the option, touch the **Back** key.

Video size – Touch to set the size (in pixels) of the video you record. Choose your video image size from HD (1280x720), TV (720x480), VGA (640x480), QVGA (320x240) or QCIF (176x144).

White balance – The white balance ensures that white areas in your video are realistic. To enable your camera to adjust the white balance correctly, you may need to determine the light conditions. Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent** and **Cloudy**.

Colour effect – Choose a colour tone to use for your new view. Choose from **None, Sepia, Black&White, Negative, Vivid, Negative sepia, Blue, Emboss** and **Solarize**.

Video quality – Choose from **Super fine, Fine** and **Normal.**

Video duration – Set a duration limit for your video. Choose between **Normal** and **MMS** to limit the maximum size to send as an MMS message.

Voice – Choose **Mute** to record a video without sound.

Auto review – If you set this to **On**, it will automatically show you the video you have just recorded.

🔄 Reset all the video camera settings.

❓ Touch whenever you want to know how this function operates. This is to provide you with a quick guide.

Video camera

Watching your saved videos

1 In the viewfinder, touch .

2 Your gallery will appear on the screen.

3 Touch a video once to bring it to the front of the gallery. It will start to play automatically.

> **TIP!** Flip your phone to pause the playing video.

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.

Multimedia

Gallery

You can also save your files to your external memory card. The advantage of using a memory card is that you can free up space on your phone memory.

Touch **Applications** tab, then select **Gallery**.

1 You can access your saved photos from within the camera mode. Just touch [icon] and your gallery will appear on the screen. Touch the photo on the screen. You will then see **Slideshow** and **Menu**.

[icon] Touch to see slide show. Touch **Menu** and select the options you want.

[icon] Touch to share the contents.

[icon] Touch to delete a photo.

[icon] Touch **More** for more options below.

   Details - Find out more information about the contents.

   Set as - Set as contact icon or wallpaper.

Crop - Crop your photo. Move your finger across the screen to select the area.

Rotate - Rotate left or right.

To change how the contents of an album are displayed

You can view the images and videos in your albums in a chronological grid or in stacks, sorted by the date and the location where they were taken.

[icon] Drag the Album View switch to the left to view the album contents in a chronological grid.

[icon] Drag the Album View switch to the right to view the contents of the album in stacks.

Multimedia

Music

Your LG-P970 has a built-in music player that lets you play all your favourite tracks. To access the music player, touch **Applications** tab, then select **Music**.

Playing a song

1 On the home screen, touch **Applications** tab and select **Music**.
2 Touch **Songs**.
3 Select the song you want to play.
4 Touch ▌▌ to pause the song.
5 Touch ▶▶ to skip to the next song.
6 Touch ◀◀ to go back to the first part of the song. Touch ◀◀ twice to go back to the previous song.

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

Touch and hold any song in the list. It will display **Play, Add to playlist, Use as phone ringtone, Delete, Share, Search** and **Details** as options.

> **TIP!** Double tapping left side on the phone during playing music, you can go to the previous song. Double tapping right side on the phone during playing music, you can go to the next song.

> **NOTE:** Music file copyright 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, please check the laws of the relevant country concerning the use of such material.

Using the radio

Your LG-P970 has a built-in FM radio so you can tune in to your favourite stations and listen on the go.

NOTE: You must attach your headphone to listen to the radio. Insert that into the headphone jack.

Searching for stations

You can tune in to radio stations by searching for them manually or automatically. They will then be saved to specific channel numbers, so you don't have to keep re-tuning it.

1 On the home screen, touch **Applications** tab and select **FM Radio**.

2 Touch the **Scan FM radio stations**.

3 If there are pre-set channels, you will see a pop-up with 'All channels will be reset. Continue?'. If you choose **OK**,

all the pre-set channels will be deleted and auto scan will start.

4 During auto scanning, touch **Stop scanning** if you want to stop scanning. Only channels scanned before you stop scanning will be saved.

NOTE: You can also manually tune in to a station using the wheel displayed.

Listening to the radio

1 On the home screen, touch **Applications** tab and select **FM radio**.

2 Touch the channel number of the station you want to listen to.

3 Touch 🎧 icon. You can listen to the radio via built-in speaker.

Multimedia

Transferring files using USB mass storage devices

To transfer files using USB devices:

1 Connect the LG-P970 to a PC using a USB cable.

2 If you haven't installed LG Android Platform Driver on your PC, you need to choose **Settings >SD card & phone storage** > turn on **Mass Storage only.**

3 Touch **Turn on USB storage**.

4 You can view the mass storage contents on your PC and transfer the files.

NOTE:

• You need to install your microSD card first. Without a microSD card, you cannot use USB mass storage.

• After using USB mass storage function, if you want to synchronise your phone with your PC using the LG PC suite, you need to touch **Settings** > **Applications** > **Development** > uncheck **USB debugging**, then touch the checkbox to touch **Turn on USB storage**.

How to save music/video files to your phone

1 Connect your phone to the PC using the USB cable.

• Touch and drag down the status bar on the home screen. Select **USB connected** > **Turn on USB storage** > Open folder to view files.

• If you haven't installed LG Android Platform Driver on your PC, you will need to set it manually. For more information, refer to 'Transferring files using mass storage devices'.

2 Save music or video files from your PC to the phone's removable storage.

- You may copy or move files from your PC to the phone's removable storage using a card reader.

- If there is a video file with a subtitle file (.smi or .srt file with the same name as the video file), place them in the same folder to display the subtitle automatically when playing the video file.

- When downloading music or video files, copyright must be secured. Please note that a corrupted file or file with a wrong extension may cause damage to your phone.

How to move contacts from your old phone to your current phone

Export your contacts as a CSV file from your old phone to your PC using a PC sync program.

1 Download PC Sync for Android at www.lg.com and install it on your PC. Run the program and connect your Android mobile phone to the PC using a USB cable.

2 Select the **Contacts** icon. Go to **File** > **Import** and select the CSV file saved in the PC.

3 If the fields in the imported CSV file are different from the ones in PC Sync for Android, you need to map the fields. After mapping the fields, click OK. Then the contacts are added in PC Sync for Android.

4 If the connection for the LG-P970 phone (using the USB cable) is detected by PC Sync for Android, click "Sync" or "Sync contacts" to synchronise the contacts saved in the PC to your phone and save them.

Multimedia

How to send data from your phone via Bluetooth

You can send data via Bluetooth by running a corresponding application, rather than from the Bluetooth menu as with normal mobile phones.

- **Sending pictures:** Run the **Gallery** application and select **Picture** > **Menu**. Click **Share** and select **Bluetooth** > Check **if Bluetooth is turned on** and select **Scan for devices** > Choose the device you want to send data from the list.

- **Exporting contacts:** Run the **Contacts** application. Touch the address you want to export to. Touch the **Menu** and select **Share** > **Bluetooth** > Check **if Bluetooth is turned on** and select **Scan for devices** > Choose the device you want to send data from the list.

- **Sending multi-selected contacts:** Run the **Contacts**

application. To select more than one contact touch the **Menu** key and touch the **Menu** key and touch **Share**. Select the contacts you want to send or touch **Select all** > **Share** > **Bluetooth** > Check **if Bluetooth is turned on** and select **Scan for devices** > Choose the device you want to send data from the list.

- **Connecting to FTP (Only the FTP server is supported on this handset):** Select **Settings** > **Wireless & networks** > **Bluetooth settings**. Then, select the **Discoverable** checkbox and search for other devices. Find the service you want and connect to the FTP server.

> **TIP!** The version is Bluetooth 3.0 and certified by Bluetooth SIG. It is compatible with other Bluetooth SIG certified devices.

NOTE: If you want to search for this phone from other devices, go to **Settings > Wireless & networks > Bluetooth settings.** Then, select the **Discoverable** checkbox. The checkbox is cleared after 120 seconds.

NOTE: Supported profiles are SDAP, HFP, HSP, OPP, PBAP (server), FTP (server), A2DP and AVRCP.

Google applications

1 First, set up a Google account. Enter your user name and password.

2 After signing in, your contacts, email and calendar in your Google account will automatically synchronise with your LG-P970.

Maps

Check your current location and traffic and receive directions to your destination. Your phone must be connected to Wi-Fi or 3G/GPRS.

NOTE: Google Maps does not cover all cities and countries.

Market

Android Market lets you download useful applications and games. If you install applications and games from Android Market, they appear in the LG-P970 menu.

You can check others' comments regarding an application or you can post your own comments.

Gmail

Gmail is configured when you first set up your phone. Depending on your synchronisation settings, Gmail on your phone is automatically synchronised with your Google account on the web.The inbox conversations list is your default Gmail view.

Touch the **Menu** key, then touch **Refresh** to send or receive new emails and to synchronise your emails with your Google account on the web. With the **Menu** key, you can compose an email, add accounts, go to labels, search and so on.

Talk

Google Talk is Google's instant messaging program. It lets you communicate with other people who also use Google Talk.

Touch the **Menu** key and select available options as below: **All friends, Add friend, Search, Sign out, Settings** and so on.

Google Search

Google Mobile Web Search allows you to search for websites.

Utilities

Setting your alarm

1 On the home screen, touch **Applications** tab and select **Alarm/Clock**.

2 If you want to add a new alarm, touch **New alarm**.

3 Set the alarm and touch **Save** to turn on.

> **TIP!** Flip your phone to snooze the Alarm if you set the snooze duration or else it will stop.

NOTE: To delete the alarm on alarm list screen, touch the **Menu** key and select **Delete/Delete all**.

Using your calculator

1 On the home screen, touch **Applications** tab and select **Calculator**.

2 Touch the number keys to enter numbers.

3 For simple calculations, touch the function you want (+, −, x or ÷), followed by =.

4 For more complex calculations, touch **Advanced panel**, then choose sin, cos, tan, log and so on.

Adding an event to your calendar

1 On the home screen, touch **Applications** tab and select **Calendar**.

2 First, you must create a Google account to use **Calendar**.

3 To check the date, touch the date. Touch and hold if you want to add a new event. then touch **New event**.

4 Touch **What**, then enter the event name. Check the date and enter the time you want your event to begin and finish.

5 Also touch **Where**, then enter the location.

6 If you would like to add a note to your event, touch **Description** and enter the details.

7 If you want to repeat the alarm, set **Repetition** and set **Reminders** if necessary.

8 Touch **Done** to save the event in the calendar. A coloured square in the calendar will mark all days that have saved events. An alarm will sound at the event start time to help you stay organised.

Recording a sound or voice

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

1 On the home screen, touch **Applications** tab and select **Voice Recorder**.

2 Touch ◯ **Record** to begin recording.

3 Touch ◻ **Stop** to end recording.

4 Touch ▶ **Play** to listen to the recording.

5 Touch **List** to access your album. You can listen to the saved recording.

TIP! Touch **Speaker** button to set the speaker mode.
Touch ▣ to **Rename** and **Set as**.
Go to the menus by touching long the record file.

Notice: The available recording time may differ from the real time.

Sending the voice recording

1 Once you have finished recording, you can send the audio clip by touching **Share**.

2 Choose from **Bluetooth, Email, Gmail** and **Messaging**. When you select **Email, Gmail** and **Messaging,** the voice recording will be added to the message that you write, and it will be sent normally.

The Web

Browser

Browser gives you a fast, full-colour world of games, music, news, sports, entertainment and much more, right on your mobile phone. Wherever you are and whatever you're into.

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

TIP! Press the G-key to zoom in or out of the web page. When press long to zoom in, you can view the browser page with panning.

Using options

Touch the **Menu** key to view options.

New window: Open a new window.

Bookmarks: Add/show bookmark, show most visited site and history.

Windows: Show all your open windows.

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Refresh: Touch to refresh the web page.

Forward: Goes to the page you connected to after the current page. The **Back** key takes you to the previous page.

More
- **Add bookmark:** Add the current web page as a bookmark.
- **Find on page:** If you enter a letter or word, it will mark all the letters you entered from the web page.
- **Select text**: Touch and select the lines you want to copy. Long touch any input box then you can paste it.
- **Page info**: Show the web page information.
- **Share page**: Send the web page.
- **Downloads:** Show downloaded history.
- **Settings:** Change web browser settings.

NOTE: To return the previous web page, touch the **Back** key.

Settings

On the home screen, touch **Application** tab then scroll and touch **Settings**.

Wireless & networks

Here you can manage Wi-Fi, SmartShare and Bluetooth. You can also set mobile networks and airplane mode.

Airplane mode – After setting Airplane mode, all wireless connections will be disabled.

Wi-Fi – Touch to select: This turns on Wi-Fi to connect to available Wi-Fi networks.

Wi-Fi settings – Allows you to set up and manage wireless access points. Set network notification or add a Wi-Fi network. The advanced Wi-Fi settings screen is accessed from the Wi-Fi settings screen. Touch the **Menu** key and touch **Advanced**.

Wi-Fi Direct Settings – Set Wi-Fi Direct device name and scan for other devices. Or be a Group owner

to allow legacy Wi-Fi devices to connect.

> **TIP!** How to obtain the MAC address
>
> To set up a connection in some wireless networks with MAC filters, you may need to enter the MAC address of your LG-P970 into the router.
>
> You can find the MAC address in the following user interface: Touch **Applications > Settings > Wireless & networks > Wi-Fi settings** and touch the **Menu** key. Then select **Advanced > MAC address**.

SmartShare settings – Allows you to change device name and select content type to be shared.

Bluetooth – Touch to select: Turns on Bluetooth to connect to Bluetooth devices.

Bluetooth settings – Set device name & discoverable mode, scan for other devices. Or check a list

Settings

of Bluetooth devices that you've previously configured and those detected when the phone last scanned for Bluetooth devices.

Portable hotspot – Share your phone's mobile connection as a portable Wi-Fi hotspot.

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

On-Screen Phone settings – Allows you to change the On-Screen Phone password (the default password is "0000"). On-Screen Phone allows you to view your mobile phone screen from a PC via a USB or Bluetooth connection. You can also control your mobile phone from your PC using the mouse or keyboard.

Sound

< General >

Silent mode – Allows you to silence all sounds (including call and notification ringtones) except the audio from music, videos and any alarms you have set. (You must silence media and alarms in their own applications.)

Notice: After setting silent mode it is not available to use **Settings** > **Sound** > **Volume** menu.

Vibrate – Allows you to set your phone to vibrate when you receive an incoming call.

Volume – Allows you to set the volume for ringtones, media and alarms. If you un-select the option to use the same volume for both calls and notifications, you can set both volumes separately.

< Incoming calls >

Phone ringtone – Allows you to set your default incoming call ringtone.

< Notifications >

Notification ringtone – Allows you to set your default notification ringtone.

< Feedback >

Audible touch tones – Allows you to set the phone to play tones when using the dial keypad to dial numbers.

Audible selection – Allows you to set your phone to play a sound when you touch buttons, icons and other onscreen items that react to your touch.

Screen lock sounds – Allows you to set your phone to play a sound when locking and unlocking the screen.

Haptic feedback – Allows you to set your phone to vibrate briefly when you touch the soft keys and perform other actions.

Display

Brightness – Adjust the brightness of the screen.

Auto-rotate screen – Allows you to set the orientation to automatically switch to landscape mode or portrait mode when you turn the phone sideways or upright.

Animation – Allows you to set animated transitions when navigating from screen to screen.

Screen timeout – Allows you to adjust the delay time before the screen automatically turns off. For the best battery performance, use the shortest convenient timeout.

Display font - Change the display font.

Gesture

Adjust the gesture settings for text input field, home screen, alarm, music, Video player, incoming call, Gallery, Camera and Browser.

Settings

Location & security

< My Location >

Use wireless networks – If you select **Use wireless networks**, your phone will determine your approximate location using Wi-Fi and mobile networks.

Use GPS Satellites – If you select **Use GPS satellites**, your phone will be determine your location to street-level accuracy.

< Screen unlock>

Set up screen lock – Set unlock pattern to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern. You can set a **PIN** or **Password** instead of a **Pattern,** or leave it as **None**.

> **TIP!** To lock your screen by using the Pattern Lock
> 1 The first time you do this, a short tutorial about creating an unlock pattern appears.
> 2 You are prompted to draw and redraw your own pattern. The next time you turn on your phone or wake up the screen, you will be prompted to draw your unlock pattern to unlock the screen.

< SIM card lock >

Set up SIM card lock – Set up SIM card lock or change SIM PIN.

< Passwords >

Visible passwords – Select to show passwords as you type them or deselect to hide passwords as you type them.

< Device administration >

Select device administrators – Add or remove device administrators.

< Credential storage >

Use secure credentials – Select to allow applications to access your phone's encrypted store of secure certificates and related passwords and other credentials. You use credential storage to establish some kinds of Wi-Fi connections. If you have not set a password for credential storage, this setting is dimmed.

Install from SD card – Allows you to install encrypted certificates from a microSD card.

Set password – Allows you to set or change the password for your secure credential storage. Your password must have at least eight characters.

Clear storage – Deletes all secure certificates and related credentials and erases the secure storage's own password.

Applications

Unknown sources – Permits installation of applications that you obtain from websites, email or other locations other than Android Market.

⚠️ **WARNING**
To protect your phone and personal data, download applications only from trusted sources, such as Android Market.

Manage applications – Manage and remove installed applications.

Running services – Allows you to view and control currently running services and applications. This option displays what processes each running service needs and how much memory it is using.

Development – Allows you to set options for application development, such as **USB debugging**, **Stay awake** and **Allow mock locations.**

Settings

Accounts & sync

< General sync settings >

Background data – Permits applications to synchronise data in the background, whether or not you are actively working in them. Un-selecting this setting can save battery power and lowers (but does not eliminate) data use.

Auto-sync – Permits applications to synchronise, send and receive data on their own schedule.

< Manage accounts >

List of all Google accounts and other accounts you've added to your phone.

If you touch an account in this screen, its account screen opens.

Privacy

< Personal data >

Factory data reset – Erases all of your personal data from internal phone storage, including information about your Google account, any other accounts, your system/application data and settings, any downloaded applications and your DRM licence. Resetting the phone does not erase any system software updates you have downloaded or any files on your microSD card, such as music or photos. If you reset the phone in this way, you are prompted to re-enter the same information as when you first started Android.

SD card & phone storage

< USB connection mode >

Your phone can be used as a mass storage device. You can set the default USB connection mode setting to **Mass storage only**.

< SD card >

Check total space and available space. Touch **Unmount SD card** for safe removal. **Format SD card**, if you want to delete all data from the microSD card. You must unmount a microSD card before you can format it.

< Internal phone storage >
Check the **Available space**.

Language & keyboard
Use the **Language & keyboard** settings to select the language and region for the text on your phone and for configuring the onscreen keyboard, including words that you've added to its dictionary.

Voice input & output
< Voice input >
Voice recogniser settings –
Use the **Voice recogniser settings** to configure the Android voice input feature.

- **Language:** Opens a screen where you can set the language you use when entering text by speaking.
- **SafeSearch:** Opens a dialog where you can set whether you want Google SafeSearch filter to block some results.

- **Block offensive words:** When un-selected, Google voice recognition will recognise and transcribe words many people consider offensive, when you enter text by speaking. When selected, Google voice recognition replaces those words in transcriptions with a place holder comprised of hash symbols (#).

< Voice output >

Text-to-speech settings –
Use the **Text-to-speech settings** to configure the Android text-to-speech synthesiser for applications that can take advantage of it.

NOTE: If you don't have speech synthesiser data installed, only the **Install voice data setting** is available.

- **Listen to an example:** Plays a brief sample of the speech synthesiser using your current settings.

Settings

- **Always use my settings:** Check to use the settings on this screen in place of speech synthesiser settings settings available in other applications.
- **Default engine:** Opens a dialog where you can set the text-to-speech application you want to use if you have more than one installed.
- **Install voice data:** If your phone does not have speech synthesiser data installed, this connects to Android Market and guides you through the process of downloading and installing the data. This setting is not available if the data is already installed.
- **Speech rate:** Opens a dialog where you can select how quickly you want the synthesiser to speak.
- **Language:** Opens a dialog where you can select the language of the text you want the synthesiser to read. This is particularly useful in combination with **Always use**

my settings to ensure that text is spoken correctly in a variety of applications.
- **Pico TTS:** Configure the Pico TTS settings.

Accessibility

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

NOTE: Requires additional plug-ins to become selectable.

Dock settings

LG-P970 supports a car dock. You can use the **Dock** settings, to set your preferences for how the phone and the dock interact.

WARNING: Only works on the dock for LG-P970.

Audio - Available when LG-P970 is inserted in a car dock. For a car dock, opens Car Home application. Your settings apply only to the dock for LG-P970.

Dock insertion sound - Check to play a sound when inserting or removing the phone from a dock.

Date & time

Use **Date & time** settings to set your references for how dates are 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.

About phone

View legal information and check phone status and software version.

Wi-Fi

With Wi-Fi, you can use high-speed Internet access within the coverage of the wireless access point (AP).

You can enjoy wireless internet with Wi-Fi, without extra charges.

Turn on Wi-Fi

From the home screen, open the notification drawer and touch 📶 on.

Or touch **Application** > **Settings** > **Wireless & networks,** then turn **Wi-Fi** on.

To connect to Wi-Fi

Choose Wi-Fi network you want to connect to. If you see 📶 , you need to enter password to connect.

NOTE:
• If you are out of Wi-Fi area and choose 3G connection, additional charges may be applied.
• If your phone changes to sleep mode, even when connected to Wi-Fi, the Wi-Fi connection will be disabled automatically. In this case, if your phone has access to 3G data, it may be connected to the 3G network automatically, and additional charges may be applied.)

Settings

• The LG-P970 supports WEP, WPA/WPA2-PSK and 802.1x EAP. security. If your Wi-Fi service provider or network administrator sets encryption for network security, fill in the key in the pop-up window. If encryption is not set, this pop-up window will not be shown. You can obtain the key from your Wi-Fi service provider or network administrator.

Sharing your phone's mobile data connection

You can also share your phone's data connection with up to five devices at once, by turning your phone into a portable Wi-Fi hotspot.

When your phone is sharing its data connection, an icon appears in the status bar and as an ongoing notification in the notifications drawer.

Icon	Description
📶	Portable Wi-Fi hotspot is active

For the latest information about portable hotspots, including supported operating systems and other details, visit http://www.android.com/tether.

NOTE: Additional costs may be incurred when connecting and using online services. Check data charges with your network provider.

Portable Wi-Fi hotspot settings

On the home screen, touch the **Application** tab and select **Settings**.

Touch **Wireless & networks** and select **Portable hotspot**.

Choose options that you want to adjust.

Portable Wi-Fi hotspot – Check to share your phone's mobile network data connection as a portable Wi-Fi hotspot.

Help – Opens a dialog with information about portable Wi-Fi hotspots as well as information about where to learn more.

To share your phone's data connection as a portable Wi-Fi hotspot

1 On the home screen, touch the **Applications** tab and select **Settings**.

2 Touch **Wireless & networks** and select **Portable hotspot**.

3 Check **Portable Wi-Fi hotspot**.

• After a moment, the phone starts broadcasting its Wi-Fi network name (SSID), so you can connect to it with up to five computers or other devices. An ongoing notification 🔵 is added to the status bar and notifications drawer.

• When **Portable Wi-Fi hotspot** is selected, you can change its network name or secure it.

4 Unselect **Portable Wi-Fi hotspot** to stop sharing your data connection via Wi-Fi.

To rename or secure your portable hotspot

You can change the name of your phone's Wi-Fi network name (SSID) and secure its Wi-Fi network.

1 On the home screen, touch the **Applications** tab and select **Settings**.

2 Touch **Wireless & networks** and select **Portable hotspot**.

3 Ensure **Portable Wi-Fi hotspot** is selected.

4 Touch **Portable Wi-Fi hotspot settings**.

5 Touch **Configure Wi-Fi hotspot**.

Settings

- The **Configure Wi-Fi hotspot** dialog opens.
- You can change the network SSID (name) that other computers see when scanning for Wi-Fi networks.
- You can also touch the **Security** menu to configure the network with Wi-Fi Protected Access 2 (WPA2) security with a pre-shared key (PSK).
- If you touch the **WPA2 PSK** security option, a password field is added to the **Configure Wi-Fi hotspot** dialog. If you enter a password, you will need to enter that password when you connect to the phone's hotspot with a computer or other device. Or touch **Open** in the **Security** menu to remove security from your Wi-Fi network.

> **ATTENTION!**
>
> If you set the security option as **Open**, you can not prevent unauthorised usage of online services by other people and additional charges can be incurred. To avoid unauthorised use, you are advised to keep the security option.

6 Touch **Save**.

Using SmartShare

SmartShare uses DLNA (Digital Living Network Alliance) technology to share digital content through a wireless network.

Both devices must be DLNA certified to support this feature.

To turn SmartShare on and allow sharing contents

1 Touch application tab and select Settings.

2 Choose **Wireless & networks and SmartShare settings**.

3 Touch SmartShare to checkmark and turn the function on.
Touch **Always allow requests** if you would like to automatically accept sharing requests from other devices.

4 Under the Sharing contents section, touch to checkmark the types of content you would like to share.
Choose from **Pictures, Videos,** and **Music**.

5 SmartShare is now activated and ready to share contents.

To share contents from remote content library to other devices

Let your renderer device (e.g. TV) play multimedia contents from your remote content library (e.g. PC).

NOTE: Make sure that the DLNA functionality of your devices is properly configured (e.g. TV and PC)

1 Touch the top right button to or select the device from renderer lists.

2 Touch the top left button and select the device of the remote content library.

3 Touch SmartShare to checkmark and turn the function on.

4 You can browse the content library.

5 Touch and hold a content thumbnail and flick them to the top area with your flinger or touch the play button.

To share contents from your phone to your renderer device (e.g. TV)

NOTE: Make sure that your renderer device is properly configured.

1 While browsing your pictures or videos using the Gallery application, touch and hold to select files.
Then you will be able to select multiple files to be shared.

2 Touch Share on the menu and select the SmartShare.

Settings

3 SmartShare is automatically launched with the selected files.

4 Touch the top right button to select the device from renderer lists.

5 Touch the play button to let your renderer device play the files.

NOTE: Follow the same steps to use the Music player to share music files.

NOTICE: Check that your device is connected with your home network using Wi-Fi connection to use this application.

NOTICE: Some DLNA enabled device (e.g. TV) support only the DMP feature of DLNA and will not appear in the renderer device list.

NOTICE: Your device might not be able to play some contents.

Enabling Wi-Fi Direct to share through SmartShare

Wi-Fi Direct cannot be enabled while using other Wi-Fi functions.

Wi-Fi Direct automatically scans nearby Wi-Fi Direct devices and the searched devices will be listed up in the order of arrival and you can select a specific device to share multimedia data through **SmartShare**.

1 On the home screen, touch the **Application** tab and select **Settings**.

2 Touch **Wireless & networks** and select **Wi-Fi Direct Settings**.

3 Ensure **Wi-Fi Direct** is selected.

4 Select a device to connect in the scanned device list.

• **Forced G/O mode** - Touch to activate group owner mode that enables the legacy Wi-Fi devices to connect by scanning your phone.

In this case you must enter the password that is set in the **Menu** > **Advanced** > **Password**.

NOTE: When your phone becomes group owner, it will consume more battery power than being a client. Wi-Fi Direct connection does not provide Internet service. Additional cost may be incurred when connecting and using online services. Check data charges with your network provider.

How to use On-Screen Phone

On-Screen Phone allows you to view your mobile phone screen from a PC via a USB or Bluetooth connection. You can also control your mobile phone from your PC using the mouse or keyboard.

On-Screen Phone icons

- Connects or disconnects your mobile phone to/from your PC.

- Rotates the On-Screen Phone window (only available at applications that support rotation).

- Changes the On-Screen Phone preferences.

- Exits the On-Screen Phone program.

- Minimises the On-Screen Phone window.

On-Screen Phone features

- Real-time transfer and control: displays and controls your mobile phone screen when connected to your PC.

- Mouse control: allows you to control your mobile phone by using the mouse to click and drag on your PC screen.

Settings

- Text input with keyboard: allows you to compose a text message or note using your computer keyboard.
- File transfer (mobile phone to PC): sends files from your mobile phone (e.g. photos, videos, music and Polaris Office files) to your PC. Simply right-click and drag to send a file to your PC.
- File transfer (PC to mobile phone): sends files from your PC to your mobile phone. Simply select the files you wish to transfer and drag and drop into the On-Screen Phone window. The files you send are stored on a micro SD card.
- Real-time event notifications: prompts a pop-up to inform you of any incoming calls or text/multimedia messages, as well as alarm and event notifications.

Notice: The Camera preview and Video are not supported in OSP, so it is not available on the PC.

How to install On-Screen Phone on your PC

Visit LG Home (http://www.lg.com) and go to Support > Mobile Phone Support > Download LG Mobile Support Tool to PC. If you download LG PC Suite IV, the On-Screen Phone program will also be downloaded on your PC. Then you can install the On-Screen Phone on your PC.

How to connect your mobile phone to your PC

USB connection:

1 Open Connection Wizard, select "USB Cable connection" and click "Next".

2 Connect your mobile phone to the PC using a USB cable and click "Next".

3 Enter the On-Screen Phone password and click "Next". The default password is "0000". You can change the password in **Settings > Wireless &**

Networks > **On-Screen Phone Settings**.

4 Click "OK" to exit the window.

Wireless connection with Bluetooth:

1 On your mobile phone, go to **Settings** > **Wireless & networks** > **Bluetooth settings.** Select **Turn on Bluetooth** and select **Discoverable.**

2 If you have previously connected using a cable, run the New Connection Wizard to create a new connection.

3 Run the Connection Wizard on the computer, select "Bluetooth connection", then "Next".

4 The wizard starts searching for Bluetooth-enabled mobile phones. When the mobile phone that you wish to connect to appears, click "Stop" to stop searching.

5 Select "LG-P970" from the device list and click "Next". You can rename the device if you wish.

6 Enter the PIN code (e.g. "0000") and click "Next".

7 On your mobile phone, accept the request and enter the same PIN code, then touch "OK".

8 Enter the On-Screen Phone password and click "Next" (the default password is "0000").

9 Touch "OK" to exit.

To check the phone to PC connection

Once the devices have been connected, drag down the notification bar at the top of the home screen to check the On-Screen Phone connection status.

Settings

To disconnect your phone from your PC

Click [icon] in the top left of the On-Screen Phone window. Or drag down the notification bar at the top of the home screen and select "On-Screen Phone". Touch "Yes" in the Disconnect window.

NOTE: You must restart your phone after shutting down the On-Screen Phone service.

Phone Software update

LG Mobile Phone Software update from internet

For more information on using this function, please visit the http://update.lgmobile.com or http://www.lg.com/common/index.jsp → select country and language.

This feature allows you to update the firmware of your phone to the newer version conveniently from the internet without the need to visit a service centre. This feature is only available if and when LG makes the newer version of the firmware available for your device.

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

NOTE: LG reserves the right to make firmware updates available only for selective 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 update the firmware of your phone to the newer version conveniently via OTA without connecting the USB data cable. This feature is only available if and when LG makes the newer version of the firmware available for your device.

First, you can check the software version currently on your mobile phone: **Settings** > **About phone** > **Software update** > **Software update check**.

You can also rearrange update schedule in 1 hour, 4 hours, 8 hours or 24 hours before updates. In this case, the application will notify you to update when the time is up. Also, you can rearrange or update by manually.

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Accessories

These accessories are available for use with the LG-P970.
(**Items described below may be optional.**)

Charger

Data cable
Connect your LG-P970 and PC.

Battery

User Guide
Learn more about your LG-P970.

Stereo headset

NOTE:

• Always use genuine LG accessories.

• Failure to do this may void your warranty.

• Accessories may vary in different regions.

Technical data

Ambient Temperatures
Max: +55°C (discharging), +45°C (charging)
Min: -10°C

Declaration of Conformity LG Electronics

Suppliers Details

Name

LG Electronics Inc

Address

LG Twin Tower 20,Yeouido-dong, Yeongdeungpo-gu Seoul, Korea 150-721

Product Details

Product Name

GSM 850 / E-GSM 900 / DCS 1800 / PCS 1900 Quad Band and WCDMA Terminal Equipment

Model Name

LG-P970

Trade Name

LG

CE 0168 ①

Applicable Standards Details

R&TTE Directive 1999/5/EC
EN 301 489-01 V1.8.1 / EN 301 489-07 V1.3.1 / EN 301 489-17 V2.1.1 /
EN 301 489-19 V1.2.1 / EN 301 489-24 V1.4.1
EN 300 328 V1.7.1
EN 60950-1:2006+A11:2009
EN 50360:2001 / EN62209-1:2006 / IEC62209-2:2010
EN 301 511 V9.0.2
EN 301 908-1 V4.2.1 / EN 301 908-2 V4.2.1

Supplementary Information

The conformity to above standards is verified by the following Notified Body(BABT)

BABT, Forsyth House, Churchfield Road, Walton-on-Thames, Surrey, KT12 2TD, United Kingdom
Notified Body Identification Number : 0168

Declaration

I hereby declare under our sole responsibility that the product mentioned above to which this declaration relates complies with the above mentioned standards and Directives	Name Issued Date
	Doo Haeng Lee / Director 31. Jan. 2011

LG Electronics Logistics and Services B.V.
Veluwezoom 15, 1327 AE Almere, The Netherlands

Signature of representative

Troubleshooting

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

Message	Possible causes	Possible Corrective Measures
SIM error	There is no SIM card in the phone or it is inserted incorrectly.	Make sure that the SIM card is correctly inserted.
No network connection/ Losing network	Weak Signal outside of GSM network area. Operator applied new services	Move towards a window or into an open area. Check the network operator coverage map. Check if the SIM card is older than 6~12 months. If so, change your SIM at your network provider's nearest branch.
Codes do not match	To change a security code, you will need to confirm the new code by entering it again. The two codes you have entered do not match.	The default code is [0000]. If you forget the code, contact your service provider.
Any application cannot be set	Not supported by service provider or registration required	Contact your service provider.
Calls not available	Dialling error New SIM card inserted Prepaid Charge limit reached	New network not authorised. Check for new restrictions. Contact service provider or reset limit with PIN 2.
Phone cannot be switched on	On/Off key pressed long enough Battery is not charged Battery contacts are dirty	Press the On/Off key down for at least two seconds. Keep charger attached for longer. Clean the contacts. Take out the battery and insert again.

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 under normal temperatures.
	Contact problem	Check the charger and connection to the phone. Check the battery contacts and clean them if necessary.
	No voltage	Plug into a different socket.
	Charger defective	If the charger does not warm up, replace it. Only use original LG accessories.
	Wrong charger. Battery defective.	Replace battery.
Number not permitted	The Fixed Dial Number function is on.	Check settings.
Impossible to receive/ send SMS & Picture	Memory Full	Delete some existing messages in the phone.
Files not open	Unsupported file format	Check the file format that can be supported
SD Card not working	FAT16, FAT32 file system supported	Check SD card file system via card reader Or format SD card using phone
The screen does not turn on when I receive a call.	Proximity sensor problem	If you use any protection tape or case, check if it is covering the area around the proximity sensor. Make sure that the area around the proximity sensor is clean.
No Sound	Vibration or manner mode	Check the settings status of the sound menu to make sure you are not in vibrate or silent mode.
Hang up or freeze	Intermittent software problem	Remove and re-insert battery. Turn on the phone. Try to do a software update service via WEB site.