

Contents

Guidelines for safe and efficient use	5
Important notice	14 14 15 16 17 18 ur 18
 Connecting your phone to a computer via USB	20 a 21 21 22 22
Getting to know your phone Installing the SIM card and battery Charging your phone Installing the memory card Formatting the memory card	23 25 26 26 27
Your Home screen Touch-screen tips	28 28

Lock your phone	. 28
Unlock screen	. 29
Home	. 29
Adding widgets to your home screen	30
Getting back to a recently used	. 00
application	. 31
Onscreen keyboard	. 33
Entering accented letters	. 33
Google Account Set-up	. 34
Creating your Google account	. 34
Signing in to your Google	
account	. 34
Calls/Contacts	. 36
Making a voice call	. 36
Making a video call	. 36
In Video call Menu	. 37
Calling your contacts	. 37
Answering and rejecting a call	. 37
Adjusting call volume	00
	. 38
Making a second call	. 38 . 38
Making a second call Viewing your call logs	. 38 . 38 . 38
Making a second call Viewing your call logs Call settings	. 38 . 38 . 38 . 38
Making a second call Viewing your call logs Call settings Contacts	. 38 . 38 . 38 . 38 . 40
Making a second call Viewing your call logs Call settings Contacts Searching for a contact	. 38 . 38 . 38 . 38 . 40 . 40
Making a second call Viewing your call logs Call settings Contacts Searching for a contact Adding a new contact	. 38 . 38 . 38 . 38 . 40 . 40 . 40

Messaging/Email	42 Vi
Messaging	42 (
Sending a message	42 8
Changing your message settings	43 A
Setting up your email	43 l
Microsoft Exchange email	1
account	43 A
Others (POP3, IMAP, GME) email	\
account	44 M
Composing and sending email	45 (
Working with account folders	46 1
Adding and editing email	2
accounts	46
Social networking	47 F
Adding your account to your	l
phone	47 5
Viewing and updating your	L
status	47 1
Removing accounts on your	5
phone	48 H
What's New	48 y
Camera	49 ⁺
Getting to know the viewfinder	49 0
Using the focus mode	50 H
Taking a quick photo	50 [\]
Once you've taken the photo	50 Go
Using the advanced settings	51 N
Viewing your saved photos	53 I

Video camera	54
Getting to know the viewfinder	54
Shooting a quick video	55
After shooting a video	55
Using the advanced settings	56
Watching your saved videos	57
Adjusting the volume when	
viewing a video	57
Multimedia	58
Gallery	58
To change how the contents of a	n
album are displayed	58
Music	59
Playing a song	59
Using the radio	60
Searching for stations	60
Listening to the radio	60
Iransferring files using USB mass	5
Storage devices	01
How to save music/video mes to	61
Your priorie	01
old phone to your current phone	62
How to cond data from your phone	102
via Bluetooth	63
	00
Google applications	60
Widµs	CU 65
Gmail	00
UIIIall	00

Contents

Talk Google Search	66 66
Utilities	67 67 67 68 68
The Web	69
Browser	69
Using options	69
Settings	70
Wireless & networks	70
Sound	71
Display	72
Gesture	72
Location & security	73
Applications	74
Accounts & sync	75
Privacy	75
SD card & phone storage	75
Language & keyboard	76
Voice input & output	76
Accessibility	77
Date & time	77
About phone	77
Wi-Fi	78

Sharing your phone's mobile data	а
connection	78
Portable Wi-Fi hotspot settings	79
To share your phone's data	
connection as a portable Wi-Fi	
hotspot	79
To rename or secure your portab	le
hotspot	80
Using SmartShare	81
Enabling Wi-Fi Direct to share	
through SmartShare	82
How to use On-Screen Phone	82
On-Screen Phone icons	83
On-Screen Phone features	83
How to install On-Screen Phone	on
your PC	84
How to connect your mobile pho	ne
to your PC	84
To check the phone to PC	
connection	85
To disconnect your phone from y	our
PC	85
Phone Software update	85
Copyrights and trademarks	87
Technical data	89
Troubleshooting	90

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

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines ((CNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population.

The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR, The SAR limit stated in the international auidelines is 2.0 W/ka*. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the device. Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes

Guidelines for safe and efficient use

as one essential requirement the protection of the health and the safety for the user and any other person.

The highest SAR value for this device when tested for use at the ear is 1.27 W/kg.

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

The highest SAR value for this device when tested for use at the body is 1.43 W/kg.

* The SAR limit for mobile devices used by the public is 2.0 watts/ kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band.

FCC SAR information

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada.

These requirements set a SAR limit of 1.6 W/kg averaged over 1 gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is 1.18 W/kg and when properly worn on the body is 0.51 W/kg. Additionally, this device was tested for typical body-worn operations with the back of the phone kept 2 cm (0.79 inches) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 2 cm (0.79 inches) must be maintained between the user's body and the back of the phone.

* FCC Notice & Caution Noticel

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Change or Modifications that are not specifically approved by the manufacturer could void the user's authority to operate the equipment.

Product care and maintenance

\Lambda 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.

Guidelines for safe and efficient use

- 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.

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.

Guidelines for safe and efficient use

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.

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.

Guidelines for safe and efficient use

Driver Safety Tips

Your wireless telephone gives you the powerful ability to communicate by voice - almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

- Use a hands free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
- Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

 Use your wireless phone to call emergency services for yourself or others.

In the case of fire, traffic accident or medical emergencies;

- Australia: Dial 0-0-0,
- New Zealand: Dial 1-1-1,
- International: Dial 1-1-2,
- other local emergency number.

Remember, it is a free call on your wireless phone for emergency services.

 Use your wireless phone to help others in emergencies, if you see an auto accident crime in progress or other serious emergency where lives are in danger, call the emergency number, as you would want others to do for you.

- Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
- If possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when you will not be driving.
- Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

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. 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.

A 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.

Important notice

A 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. If you haven't created a Google account on the phone or you forgot it, you need to perform a factory reset.

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.

Important notice

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. As the PC suite is embedded in the

internal memory on your phone, and you can simply copy it to your PC.

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, call log, memo)
- 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

- · Use your phone as a Modem
- 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

- 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)
- 2 Connect your phone to your PC using the USB data cable.

Important notice

3 Touch Turn on USB storage.

- 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:

- Install your microSD card on 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.

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**.
- Touch Turn off in the dialog that opens.

A 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 Home screen, press Menu key and touch Settings > SD card & phone storage > Unmount SD card.

Important notice

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 the **Power** key for 3 seconds, touch Power off and touch Ok.



▲ 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.

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.



Getting to know your phone

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:

 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.



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.

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 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 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.

Your Home screen

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 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. The **Applications** icon will change to the rubbish bin icon .
- 2 Drag and drop an application icon to the rubbish bin icon **1**.

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

Getting back to a recently used application

- 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 **Back** key to return to the current application.

Notification drawer

The notification drawer runs across the top of your screen.



Touch and slide the notification drawer down with your finger.



Or on the home screen touch **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.



Your Home screen

Ic	on	Description		lcon	Description	lcon	Description
	0	No SIM card		×	Ringer is silenced	\Diamond	Data is syncing
3	jı	No signal			Vibrate mode		Download
4	d	Flight mode			Battery fully		Innisned
6		Connected to a			charged		New email
97	6	Wi-Fi network		(%	Battery is charging	\mathbb{M}	New Gmail
6	2	Wired headset		E	Data in and out	talk	New Google Talk
	5	Call in progress			Phone is	6	message
9	0	Call hold	<	Ð	connected to PC	$\frac{\cdot}{2}$	New message
9	Co	Speakerphone			Downloading		Song is playing
	~	Phone		\geq	data	1	Upcoming event
0	Q	microphone is		Û	Uploading data		FM radio
	La			3	GPS is acquiring	0	turned on in the
6	75	Missed call			Receivina		background
	*	Bluetooth is on		B	location data	a	Portable Wi-Fi
R	٩.	Connected to a			from GPS	•	hotspot is active
	P	Bluetooth device			On-Screen Phone	0	Portable hotspot
4	i)	System warning			connected	•	is active
8	D	Alarm is set			3 more		
0	0	New voicemail	Γ		displayed		

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.

 $\frac{120}{12}$ Asc 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.

Tap to insert the emoticon you prefer when writing a message.

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 advantage 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.)

After sign in, you can use Gmail, Google Calendar and Android Market; download applications from Android Market; back up your settings to Google servers; 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 want to use the backup feature to restore your settings to this phone from another phone that was running Android OS or later, you must sign into your Google account now, during setup.
 If you wait until after setup is complete, your settings will not be restored.
- 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 stomake 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.
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 volume(side) key to mute the incoming call.

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

When screen locked:

When your phone rings, Drag Decline icon **r** 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 send the message during a meeting.

Calls/Contacts

Adjusting call volume

To adjust the in-call volume during a call, use volume up & down key 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 sto 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 at 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.

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

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.)

Calls/Contacts

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 to 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 1 open your contacts.
- 2 Touch Search and enter the contact name using the keypad.

Adding a new contact

- 1 On the home screen, touch 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 . Choose from Capture picture or Pick from gallery.
- 3 Select the contact type by touching .
- 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.

Favourite contacts

You can classify frequently called contacts as favourites.

To add a contact to your favourites:

- 1 On the home screen, touch I
- Touch a contact to view their details.
- 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 I
- 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.

- Touch "Enter message" below to start entering your message.
- 4 Touch **Send** to send your message.

TIP! You can touch in 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.

A WARNING

The 160-character limit may vary from country to country depending on how the SMS is coded and the language.

A 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.

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 **MS Exchange** or **Others**.

Microsoft Exchange email account

Email address – Enter the account email address.

User name – Enter the account username.

Password – Enter the account password.

Domain – Enter the account domain(Optional)

Server address - Enter the server address

Use SSL – Choose whether to use

SSL for Microsoft Exchange.

Touch Next button to connect the server.

Setup complete page will appear and you need to enter "name" for account display and My name.

Now the account will appear in the list of accounts in your Email folder.

Messaging/Email

Others (POP3, IMAP, GME) email account

Email address – Enter the account email address.

Password – Enter the account password.

Choose whether to enable Push Email account. Once you select to enable, it will connect the server directly.

Setup complete page will appear and you need to enter "name".

Now the account will appear in the list of accounts in your Email folder.

If you don't see push Email account, you have to set up the account manually.

Incoming server – Enter the incoming email server address.

Port number – Normally each account's default number will be displayed.

Secure type - TLS/SSL/Off.

Outgoing server – Enter the outgoing email server address. Port number – Normally each account's default number will be displayed.

SMTP Secure type - TLS/SSL/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 hard on email account to move the account icon in homescreen. Touch the icon to go to inbox directly.

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

To open your Combined Inbox:

If you have configured email to send and receive email from more than one account, you can view all messages sent to all accounts in your **Combined Inbox**.

- 1 Touch Email.
- 2 Touch Combined Inbox (in the Accounts screen). Messages in the Combined Inbox are colourcoded along their left sides, by account, using the same colours that are used for your accounts in the Accounts screen.

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 Cc or Bcc other contacts/email addresses.

- 4 Enter the text of the message.
- 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 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 5 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 vou're connected to a network again. If it contains any pending messages, the Outbox is displayed on the Accounts screen.

Messaging/Email

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**, **Drafts**, **Rubbish Bin and Junk 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.
- 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.
- You can update your current status with comments or uploading photos.

Social networking

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 solution, 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.

 $\ensuremath{\textbf{Convert}}$ - You can convert to the internal camera from the external one.



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

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.

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.

Camera

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.

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.

Taking a quick photo

- 1 Open the Camera application.
- 2 Holding the phone horizontally, point the lens towards the subject you want to photograph.
- 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, 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.

Edit Touch to edit the photo you captured.

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 vou 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

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.

Camera

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.

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.

Viewing your saved photos

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

TIP! Press the G-key to zoom In/Out of the photo. Once vou 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.

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



Touch to see slide show. Touch Menu and select the options you want.



Touch to share the contents.

Touch to delete a photo.



Touch More for more options

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.

Edit - Touch to edit the image using various tools.

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.
- $\ensuremath{\textit{Convert}}$ You can convert to the internal camera from the external one.



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

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.

 $\ensuremath{\textit{Flash}}$ - 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.

Shooting a quick video

- Open the Camera application and slide the camera mode button down to the Video position. The shutter icon (a) will change to (a).
- 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.
- Touch the stop video icon (a) to stop recording.

TIP! Your LG-P970 features 4GB video capability.

After shooting a video

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

Play Share

Play Touch to play the video.

nare Touch to share your video via Bluetooth, Email, Gmail, Messaging or YouTube.

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

- Edit Touch to edit the video you recorded.
- 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.

Video camera

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 settinas.

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

Watching your saved videos

- 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.

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



Touch to see slide show. Touch Menu and select the options you want.



Touch to share the contents. Touch to delete a photo.

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. Edit - Touch to edit the image using various tools.

To change how the contents of an album are displayed

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

- Drag the Album View switch to the left to view the album contents in a chronological arid.
- Drag the Album View switch to the right to view the contents of the album in stacks

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

- On the home screen, touch Applications tab and select Music.
- 2 Touch Songs.
- 3 Select the song you want to play.
- 4 Touch III to pause the song.
- 5 Touch to skip to the next song.
- 6 Touch K to go back to the first part of the song. Touch K 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 ringtone, Delete, Share, Search and File info as options.

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

Multimedia

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 <u>you</u> want to listen to.
- 3 Touch (1) icon. You can listen to the radio via built-in speaker.

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 will need to change settings manually. Choose Settings > Applications > Development > uncheck USB debugging and connect your phone to your PC using the USB data cable.
- 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'.

Multimedia

- 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.

- Download Mobile 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 Menu > 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 Mobile Sync for Android, you need to map the fields. After mapping the fields, click OK. Then the contacts are added in Mobile Sync for Android.
- 4 If the connection for the LG-P970 phone (using the USB cable) is detected by Mobile Sync for Android, click "Sync" or "Sync contacts" to synchronise the contacts saved in the PC to your phone and save them.

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(n) > 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): 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.

Multimedia

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

- 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.

Google applications

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 event, 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.

Utilities

- 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 long touching the record file.

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

Sending the voice recording

- 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.

- 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 **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 flight mode.

Flight mode – After setting Flight 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 of Bluetooth devices that you've previously configured and those detected when the phone last scanned for Bluetooth devices.

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

Mobile network settings – 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.

Settings

< 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.
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 determine your location to streetlevel 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

- 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 VPN and 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.

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

< Backup and restore >

Back up my data – Activate to back up your application data and settings. If you activate Automatic restore, it will restore backed up settings when you reinstall it.

< 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 < 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.

- Always use my settings: Check to use the settings on this screen in place of speech synthesiser settings available in other applications.
- Default engine: Opens a dialog where you can set the text-tospeech 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.

Date & time

Use **Date & time** settings to set your preference 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 solution.

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.)

 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 popup 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.

lcon	Descript	ion		
1	Portable active	Wi-Fi	hotspot	is

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.

- 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 provides you a better way to enjoy multimedia contents with other DLNA(Digital Living Network Alliance) enabled devices.

Share your media contents to other DLNA devices(DMS)

- 1 Touch application tab and select **Settings**.
- 2 Choose Wireless & networks and SmartShare settings.
- **3** Touch the SmartShare checkbox to turn on.

4 You can change your device name, icon and select the sharing content types.

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

- Touch the top right button to select the device from renderer lists.
- Touch the top left button and select one of the remote content library.
- 3 You can browse the remote content library.
- 4 Long touch a content thumbnail and flick them to the top area by your finger or touch play button.

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) supports only DMP feature of DLNA will not appear in the renderer device lists.

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/0 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).

-		
-		
-	c	
	π.	

Changes the On-Screen Phone preferences.

- Exits the On-Screen Phone program.
 - Minimises the On-Screen Phone window

On-Screen Phone features

- Beal-time transfer and control: displays and controls your mobile phone screen when connected to vour PC.
- Mouse control: allows you to control your mobile phone by using the mouse to click and drag on vour PC screen.

- · 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.

To disconnect your phone from your PC

Click 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 \rightarrow select country and language.

This feature allows you to update the firmware of your phone to the latest version conveniently from the internet without the need to visit a service centre.

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.

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

This feature allows you to update the software of your phone to new version conveniently via OTA without the connecting USB data cable. 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.

Copyrights and trademarks

Rights to all technologies and products that comprise this device are the property of their respective owners:

- Bluetooth[®] is a registered trademark of the Bluetooth SIG, Inc.
- microSD and the microSD logo are Trademarks of the SD Card Association.
- Google Search, Maps, Gmail, YouTube, Talk and Market are trademarks of Google, Inc.
- Wi-Fi is a registered trademark of the Wireless Fidelity Alliance, Inc.
- Includes ADOBE"
 FLASH" PLAYER

Contains Adobe[®] Flash[®] Player or Adobe[®] AIR[®] technology by Adobe Systems Incorporated. DivX Mobile

ABOUT DIVX VIDEO: DivX[®] is a digital video format created by DivX, Inc. This is an official DivX Certified[®] device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration. DivX Certified® to play DivX® video up to HD 720p, including premium content.

Copyrights and trademarks

DivX[®], DivX Certified[®] and associated logos are trademarks of DivX, Inc. and are used under licence.Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274

Notice!

Open Source Software

To obtain the corresponding source code under GPL, LGPL, MPL and other open source licences, please visit http:// opensource.lge.com/ All referred licence terms, disclaimers and notices are available for download with the source code.

- Wi-Fi[®] and Wi-Fi Protected Access [®] are registered trademarks of the Wi-Fi Alliance. Wi-Fi Direct[™] and Wi-Fi Protected Setup[™] are trademarks of the Wi-Fi Alliance.
-

 <

license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

Technical data

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

- 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.
- Copyright ©2011 LG Electronics, Inc. All rights reserved. LG and the LG logo are registered trademarks of LG Group and its related entities. All other trademarks are the property of their respective owners.
- Google Search, Maps, Gmail, YouTube, Talk and Market are trademarks of Google, Inc.

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. Outside temperature is too hot or cold Contact problem	Charge battery. Make sure phone is charging under normal temperatures. Check the charger and connection to the phone. Check the battery contacts and clean them if necessary.
	No voltage Charger defective Wrong charger. Battery defective	Plug into a different socket. If the charger does not warm up, replace it. Only use original LG accessories. 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.

MOBILE PHONE MANUFACTURER'S WARRANTY

Subject to the terms below, LG Electronics Australia Pty Ltd (LG) will for one (1) year from date of purchase for your LG mobile phone (excluding battery and accessories such as power adapter) and six months from date of purchase for LG battery packs and accessories, authorise a free of charge repair, if, in LG's opinion, the phone, battery or accessories needs repair because of a manufacturing or materials defect, appearing and notified to LG in accordance with this warranty, within such period.

This LG manufacturer's warranty only applies to service within Australia (for mobile phones purchased within Australia only) and New Zealand (for mobile phones purchased within New Zealand only). This warranty is not transferable and applies to the original purchaser only. No LG employee, product retailer or Authorised Service Centre has authority to vary the terms of this warranty. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

This LG manufacturer's warranty is limited to the LG product and excludes third party components used in conjunction with the LG product.

PLACE OF SERVICE

Repairs under the terms of this warranty will be conducted at an LG Authorised Service Centre. Transportation costs to and from the Service Centre are not covered by this Warranty. Service Centres are open during normal business hours, Monday to Friday. LG's Authorised Service Centre may charge an additional fee for service outside these hours.

Before you deliver your product for warranty service it is your responsibility to keep a separate backup copy of the contents, because the data may be lost during repair of the product. You are responsible for reinstalling all content including software programs, data and passwords. Recovery and reinstallation of software programs and user data are not covered under the terms of this manufacturer's warranty.

SERVICES FOR WHICH YOU WILL BE ASKED TO PAY

This LG manufacturer's warranty does not cover:

- · Products where the serial number has been removed or made illegible;
- Maintenance, repair or replacement of parts or consumables due to normal wear and tear.
- · Repair of cosmetic or physical damage;
- Breakage or damage to antennas unless cause by defect in material or workmanship;
- If the battery short circuits or the seals of the battery are broken or show evidence of tampering or the battery was used in equipment in a manner other than that which has been specified;
- Defects or damage resulting from breakage or tampering with the LCD screen
- Accident, neglect, misuse or Act of God.
- Alterations or repairs made by someone other than an LG Authorised Service Centre.
- Unauthorized modifications or other acts, including spills of food or liquid, or external interference which is not a manufacturing or material fault.
- · Use of the product beyond its intended purpose;
- Damage or defects caused by use of or in connection with accessories, software and/or services not manufactured, supplied or authorized by LG.

OTHER RIGHTS

The benefits given by this LG manufacturer's warranty are additional to other rights and remedies that you may have under law.

Australian customers: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

HOW TO CLAIM

To make a claim against this manufacturer's warranty, you must contact LG within one (1) years of purchase on:

By telephone	By post (Australia Only):	
Australia 1300 LG CARE (1300 542 273) 7 Days, 7am-7pm	Warranty Claims LG Electronics Australia PO Box 212	
New Zealand 0800 LG CARE (0800 542 273) 7 Days, 9am-9pm	Horsley Park NSW 2175	

When contacting LG for assistance please provide your name and address, model number, serial number, date of purchase, and a complete description of the problem. This information will help LG provide fast assistance.

LG Electronics Australia Pty Ltd (ABN 98 064 531 264) 2 Wonderland Drive, Eastern Creek NSW 2766 Australia



For warranty service, please keep this warranty certificate and your receipt to validate proof of purchase.