



# Multimedia

## Gallery

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

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

1 You can access your saved photos from within the camera mode. Just touch  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 grid 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 grid.




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

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## Music

Your LG-P970h has a built-in music player that lets you play all your favourite tracks. To access the music player, touch Applications tab, then select Music.

### Playing a song

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

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

Touch and hold any song in the list. It will display **Play, Add to playlist, Use**

**as 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.

## Using the radio

Your LG-P970h has a built-in FM radio so you can tune in to your favourite stations and listen on the go.

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

## Searching for stations

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

- 1 On the home screen, touch **Applications** tab and select **FM Radio**.
- 2 Touch the **Scan FM radio stations**.
- 3 If there are pre-set channels, you will see a pop-up with 'All channels will be reset. Continue?'. If you choose **OK**,

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

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

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

## Listening to the radio

- 1 On the home screen, touch **Applications** tab and select **FM radio**.
- 2 Touch the channel number of the station you want to listen to.
- 3 Touch  icon. You can listen to the radio via built-in speaker.

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## Transferring files using USB mass storage devices

### To transfer files using USB devices:

- 1 Connect the LG-P970h 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 checkmark to touch **Turn on USB storage**.

## How to save music/video files to your phone

- 1 Connect your phone to the PC using the USB cable.
- Touch and drag down the status bar on the home screen. Select **USB connected > Turn on USB storage > Open folder to view files**.
  - If you haven't installed LG Android Platform Driver on your PC, you will need to set it manually. For more information, refer to 'Transferring files using mass storage devices'.

- 2 Save music or video files from your PC to the phone's removable storage.
  - You may copy or move files from your PC to the phone's removable storage using a card reader.
  - If there is a video file with a subtitle file (.smi or .srt file with the same name as the video file), place them in the same folder to display the subtitle automatically when playing the video file.
  - When downloading music or video files, copyright must be secured. Please note that a corrupted file or file with a wrong extension may cause damage to your phone.

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

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

- 1 Download Mobile Sync for Android at [www.lg.com](http://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-P970h 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.

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## 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.

# Google applications

- 1 First, set up a Google account. Enter your user name and password.
- 2 After signing in, your contacts, email and calendar in your Google account will automatically synchronise with your LG-P970h.

## 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-P970h 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.

# 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.



- 7 If you want to repeat the alarm, set **Repetition** and set **Reminders** if necessary.
- 8 Touch **Done** to save the event in the calendar. A coloured square in the calendar will mark all days that have saved events. An alarm will sound at the event start time to help you stay organised.

## Recording a sound or voice

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

- 1 On the home screen, touch **Applications** tab and select **Voice Recorder**.
- 2 Touch  **Record** to begin recording.
- 3 Touch  **Stop** to end recording.
- 4 Touch  **Play** to listen to the recording.
- 5 Touch **List** to access your album. You can listen to the saved recording.

**TIP!** Touch **Speaker** button to set the speaker mode.

Touch  to **Rename** and **Set as**.

Go to the menus by touching long the record file.

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

## Sending the voice recording

- 1 Once you have finished recording, you can send the audio clip by touching **Share**.
- 2 Choose from **Bluetooth**, **Email**, **Gmail** and **Messaging**. When you select **Email**, **Gmail** and **Messaging**, the voice recording will be added to the message that you write, and it will be sent normally.

# The Web

## Browser



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

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


**TIP!** Press the G-key to zoom in or out of the web page. When press long to zoom in, you can view the image 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 **Applications** 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.

## < Incoming calls >

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

## < Notifications >

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

## < Feedback >

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

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

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

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

## Display

**Brightness** – Adjust the brightness of the screen.

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

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

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

**Display font** - Change the display font.

## Gesture

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

# Settings

## Location & security

### < My Location >

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

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

### < Screen unlock >

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

### TIP! To lock your screen by using the Pattern Lock

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

### < SIM card lock >

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

### < Passwords >

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

### < Device administration >

**Select device administrators** – Add or remove device administrators.

## < Credential storage >

**Use secure credentials** – Select to allow applications to access your phone's encrypted store of secure certificates and related passwords and other credentials. You use credential storage to establish some kinds of 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**.

# Settings

## Accounts & sync

### <General sync settings >

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

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

### < Manage accounts >

List of all Google accounts and other accounts you've added to your phone. If you touch an account in this screen, its account screen opens.

## Privacy

### < 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.




## Wi-Fi

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


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

### Turn on Wi-Fi

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


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

### To connect to Wi-Fi

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

# Settings

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

Icon	Description
	Portable Wi-Fi hotspot is active

For the latest information about tethering and 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 **Applications** 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 **Tethering & 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.

# Settings

## On-Screen Phone icons

-  Connects or disconnects your mobile phone to/from your PC.
-  Rotates the On-Screen Phone window (only available at applications that support rotation).
-  Changes the On-Screen Phone preferences.
-  Exits the On-Screen Phone program.
-  Minimises the On-Screen Phone window.

## On-Screen Phone features

- Real-time transfer and control: displays and controls your mobile phone screen when connected to your PC.
- Mouse control: allows you to control your mobile phone by using the mouse to click and drag on your PC screen.
- 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-P970h" from the device list and click "Next". You can rename the device if you wish.

# Settings

- 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.

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

## 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.

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