



P970g/P970h User Guide

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

Part 15.21 statement

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

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:-Reorient or relocate the receiving antenna.-Increase the separation between the equipment and receiver.-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.-Consult the dealer or an experienced radio/TV technician for help.

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules and ICES-003 Class B digital apparatus requirements for Industry Canada. Operation is subject to the following two conditions:(1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that may cause undesired operation.

Body-worn Operation

This device has been tested for body-worn operations with the distance of 2.0cm (0.79 inches) between the user's body and the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 2.0cm (0.79 inches) must be maintained from the user's body. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 2.0cm (0.79 inches) separation distance between the user's body and the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Conformité aux normes FCC Part 15 Class B

Cet appareil et ses accessoires sont conformes aux normes FCC Part 15 Class B de la Federal Communications Commission et à la norme NMB-003 classe B d'Industrie Canada sur les appareils numériques. Son fonctionnement est sujet aux deux conditions suivantes : (1) Cet appareil et ses accessoires ne doivent pas provoquer de brouillage préjudiciable, et (2) cet appareil et ses accessoires doivent accepter toutes les interférences reçues, y compris celles pouvant causer un fonctionnement indésirable.

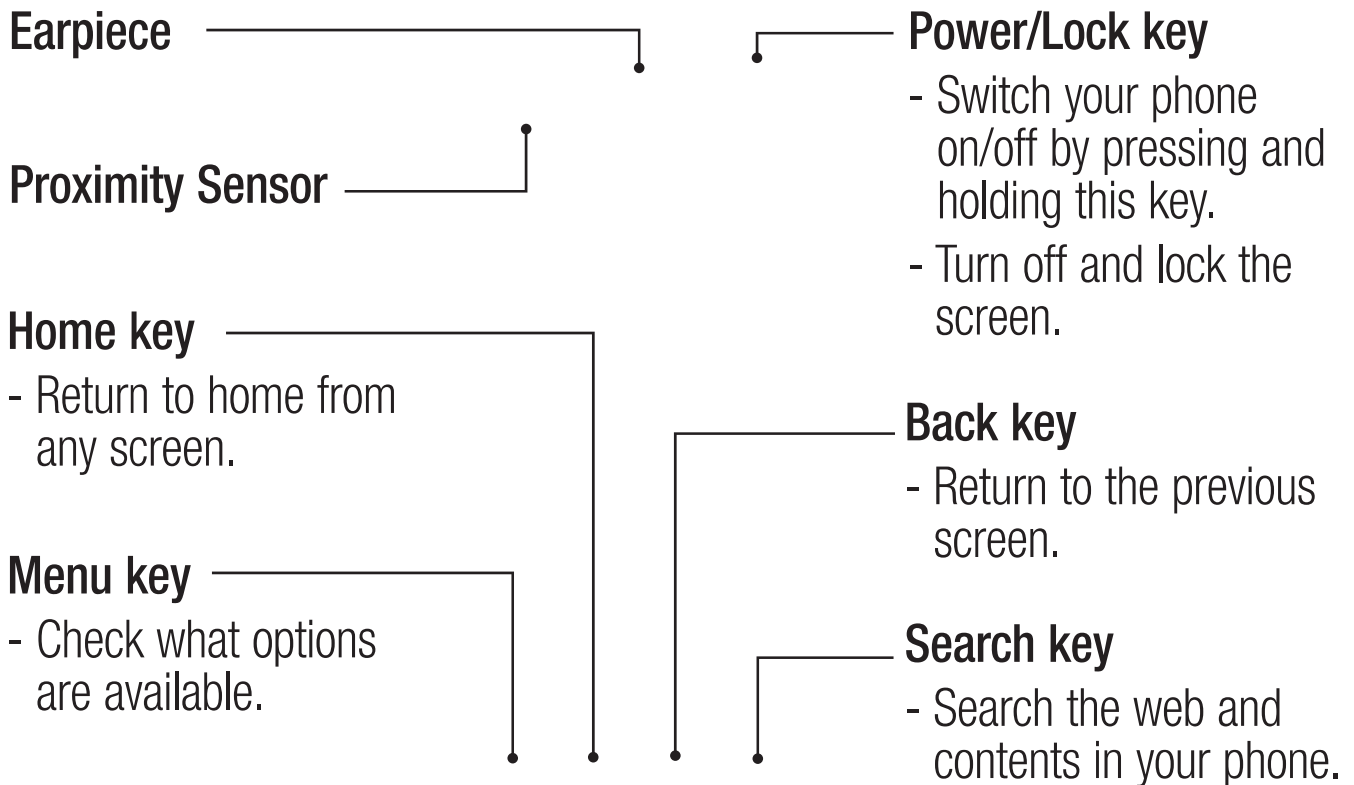
Utilisation comme appareil portatif

Ce téléphone a été testé en vue d'une utilisation type comme appareil portatif, avec une distance de 2 cm (0,79 po) entre l'arrière de l'appareil et le corps de l'utilisateur. Pour satisfaire aux exigences de la FCC/IC en matière d'exposition aux radiofréquences, on doit maintenir une distance d'au moins 2 cm (0,79 po) entre le corps de l'utilisateur et l'arrière du téléphone. Les pinces de ceinture, les étuis et autres accessoires semblables d'autres marques et contenant des composantes métalliques ne doivent pas être utilisés. Les accessoires portatifs qui empêchent le maintien d'une distance de 2 cm (0,79 po) entre le corps de l'utilisateur et l'arrière du téléphone et qui n'ont pas été testés en vue d'une utilisation type comme accessoires portatifs peuvent ne pas satisfaire aux limites d'exposition aux radiofréquences stipulées par la FCC/IC et, par conséquent, ne doivent pas être utilisés.

Getting to know your phone

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

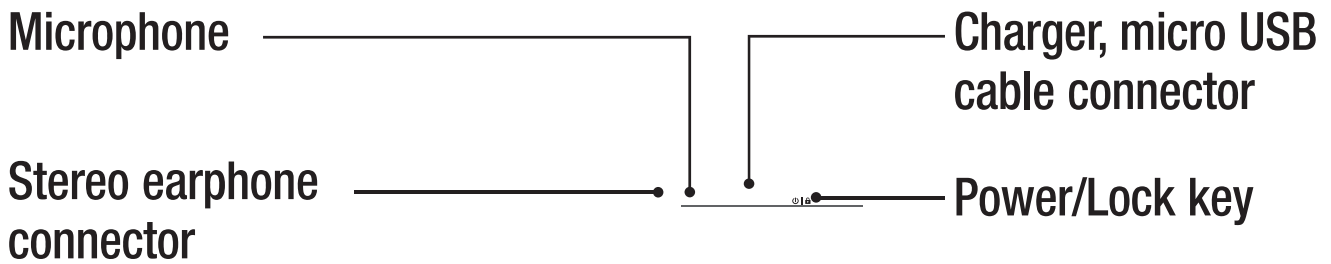
To turn off the phone, press the **Power** key for 3 seconds, touch Power off and touch Ok.



⚠ 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-P970h 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.

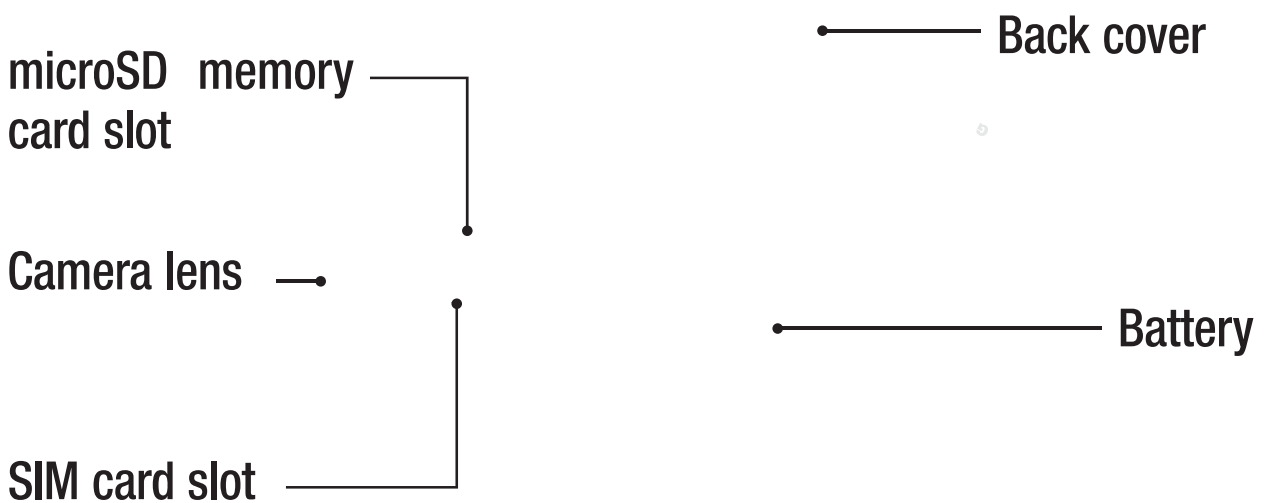


Volume keys

- On the home screen: control ringer volume.
- During a call: control your earpiece volume.
- When playing a track: control volume continuously.

3D Motion Gesture key (G-key)

- Easy to activate features instantly by tilting, shaking or tapping the phone.



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-P970h, press the **Power** key to lock your phone. This helps to prevent accidental touching of the keys and saves battery power.

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

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

Your Home screen

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

Unlock screen

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

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

Home

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

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

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

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



Touch the **Dial** icon 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.

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 .

Your Home screen

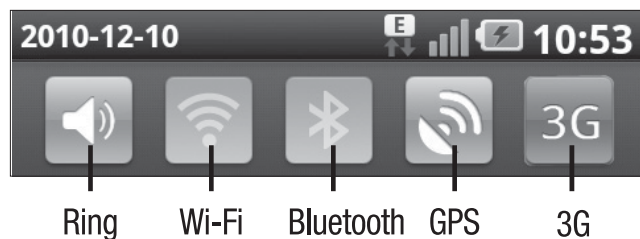
NOTE: You cannot delete the preloaded applications. (Only their icons can be deleted from the screen.)

Getting back to a recently used application

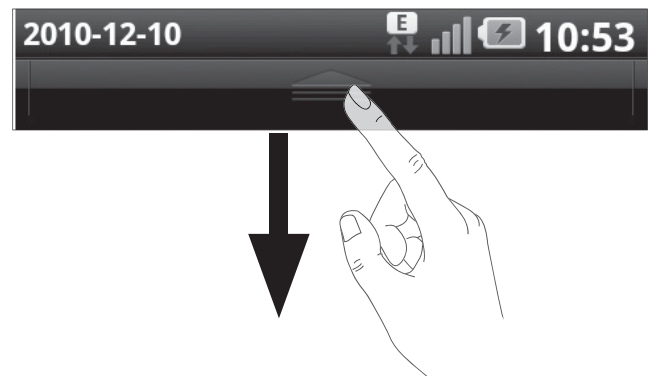
- 1 Touch and hold the **Home** key. The screen will show you a pop up with icons of applications that you have used recently.
- 2 Touch an icon to open its application. Or touch **Back** key to return to the current application.

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.
















[Status bar]

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

| Icon | Description |
|---|--|
|  | System warning |
|  | Alarm is set |
|  | New voicemail |
|  | Ringer is silenced |
|  | Vibrate mode |
|  | Battery fully charged |
|  | Battery is charging |
|  | Data in and out |
|  | Phone is connected to PC via USB cable |
|  | Downloading data |
|  | Uploading data |
|  | GPS is acquiring |
|  | Receiving location data from GPS |

Your Home screen


| Icon | Description |
|---|--------------------------------------|
|  | On-Screen Phone connected |
|  | 3 more notifications not displayed |
|  | Data is syncing |
|  | Download finished |
|  | New email |
|  | New Gmail |
|  | New Google Talk message |
|  | New message |
|  | Song is playing |
|  | Upcoming event |
|  | FM radio turned on in the background |



| Icon | Description |
|---|----------------------------------|
|  | Portable Wi-Fi hotspot is active |
|  | Portable hotspot is active |


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.

  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.

 Tap to enter a space.

 Tap to create a new line in the message field.

 Tap to delete the previous character.

 Tap to hide the onscreen keyboard.

Entering accented letters

When you select French or Spanish as the text entry language, you can enter special French or Spanish characters (e.g. á).

For example, to input "á", touch and hold the "a" key until the special characters are shown. And select the special character you want.

Google Account Set-up

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

Creating your Google account

- 1 On the home screen, touch **Applications** tab  to open the applications menu.
- 2 Tap **Gmail** and tap **Next > Create** to start the Gmail set up wizard.
- 3 Touch a text field to open the touch keyboard and enter your name and username for your Google account. When entering text, you can move to the next text field by touching **Next** on the keyboard.
- 4 When you have finished inputting your name and username, tap **Next**. Your phone is

communicating with Google servers and checking username availability.

- 5 Enter and re-enter your password. Then follow the instructions and enter the required and optional information about the account. Wait while the server creates your account.

Signing in to your Google account

- 1 Enter your email address and password, then tap **Sign in**. Wait for signing in.
- 2 After sign in, you can use Gmail and take advantages of Google services on your phone.
- 3 Once you have set up your Google account on your phone, your phone will be automatically synchronised with your Google account on the web. (This depends on your synchronisation settings.)





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  to make a call.
- 4 To end a call, touch **End** icon .

TIP! To enter “+” to make international calls, touch and hold down .

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 to mute the incoming call.
Press volume(side) key to mute the incoming call also.

When screen locked:

When your phone rings, Drag Decline icon  to the left to Decline/Reject an incoming call.

When screen is unlocked:

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

TIP! Excuse messages





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

Adjusting call volume


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

Calls/Contacts

Making a second call

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

Viewing your call logs

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

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

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

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

Call settings

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

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

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


Adding a new contact

- 1 On the home screen, touch , 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  to open your contacts.
- 2 Touch a contact to view their details.
- 3 Touch the star to the right of the contact's name. The star turns gold.

To remove a contact from your favourites list:

- 1 On the home screen, touch  to open your contacts.
- 2 Touch **Groups** tab and select **Favourites**. Touch a contact to view their details.
- 3 Touch the gold star to the right of the contact's name. The star turns grey and the contact is removed from your favourites.

Messaging/Email

Messaging

Your LG-P970h combines SMS and MMS into one intuitive, easy-to-use menu.

Sending a message


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

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

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

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

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

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

5 The message screen opens, with your message after your name. Responses appear on the screen. As you view and send additional messages, a message thread is created.

WARNING

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

WARNING

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

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

Changing your message settings

Your LG-P970h 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. connect the server. Once you select to enable, it will connect the server directly.

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.

If you don't push Email account, you have to set up the account manually. Choose mailbox type POP3 or IMAP4.

Incoming server – Enter the incoming email server address.

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

Secure type – TLS/SSL/Off (IMP4)

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 an 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 colour-coded 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  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

Messaging/Email

messages that you send are stored in your **Outbox** folder until you're connected to a network again. If it contains any pending messages, the **Outbox** is displayed on the **Accounts** screen.

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

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

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

Working with account folders

Each account has **Inbox, Outbox, Sent, 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 for the account, 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.
- 4 Touch **OK** in the dialog box to confirm that you want to delete the account.

Social networking

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

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

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

Adding your account to your phone

- 1 On the home screen, touch the **Applications** tab to open the applications menu.
- 2 Choose any social networking client application you want to use among Facebook, Twitter, and MySpace.
- 3 Enter your email address and the password that you set up on your community, then tap **Log in**.

- 4 Wait while your details are checked with your community.
- 5 If you tap your community, you can see the current status of your social community.

TIP! If you add 'My Status' widget on your home screen, it will show your status and help you update your status directly on the social community.

You can also add 'Social Feeds' widget on your home screen which shows any updates and news from the social community.

Viewing and updating your status

- 1 Choose a community you want to access.
- 2 You can see the current status of your social community.
- 3 You can update your current status with comments or uploading photos.

NOTE: This is dependent on network services.

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

Removing accounts on your phone

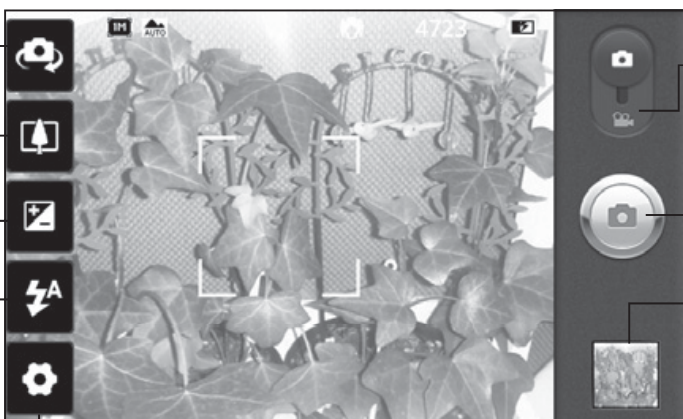
- 1 Choose **Applications > Settings > Accounts & sync.**
- 2 Choose the account you want to delete, then touch **Remove account.**

Camera

Getting to know the viewfinder

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

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



Video mode - Slide down this icon to switch to video mode.

Taking a photo

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

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

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

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

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

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.
- 3 Touch the shutter icon .

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

Once you've taken the photo

Your captured photo will appear on the screen.

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

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.


Camera

Set as Touch to set the image as **Contact icon** or **Wallpaper**.

Rename Touch to edit the name of the selected picture.

 Touch to delete the image.

 Touch to take another photo immediately.

 Touch to view the last photo you captured.

Using the advanced settings

In the viewfinder, touch  to open all advanced options.

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

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

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

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

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

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

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

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

Shot mode – Select various shooting modes from the options.

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



Stabilisation – Select **On** to compensate for unsteady hands.

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 GPS is active.

-  Restore all camera default settings.
-  Touch whenever you want to know how this function operates. This is to provide you with a quick guide.

TIP! When you exit the camera, all settings will return to their defaults, except image size and image quality. Any non-default settings must be reset, such as colour tone and ISO. Check these 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.


Camera


Viewing your saved photos

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

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

- 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.

Video camera

Getting to know the viewfinder

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

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



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

Start recording

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





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

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

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

Video camera

Shooting a quick video

- 1 Open the **Camera** application and slide the camera mode button down to the **Video** position. The shutter icon  will change to .
- 2 The video camera viewfinder will appear on the screen.
- 3 Holding the phone horizontally, point the lens towards the subject of the video.
- 4 Touch the start video icon .
- 5 REC will appear at the bottom of the viewfinder with a timer showing the length of the video.
- 6 Touch the stop video icon  to stop recording.

TIP! Your LG-P970h features 4GB video capability.

After shooting a video

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

Play

Touch to play the video.

Share

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

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

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.

Using the advanced settings

Using the viewfinder, touch  to open all the advanced options.

Adjust the video camera settings by scrolling the wheel. After selecting the option, touch the **Back** key.

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

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


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


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

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

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


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

 Reset all the video camera settings.

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

Video camera

Watching your saved videos

- 1 In the viewfinder, touch .
- 2 Your gallery will appear on the screen.
- 3 Touch a video once to bring it to the front of the gallery. It will start to play automatically.

TIP! Flip your phone to pause the playing video.

Adjusting the volume when viewing a video

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