LG-P990 User Guide - English

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.

Part 15 Class B Compliance

This device and its accessories comply with part15 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 & its accessories may not cause harmful interference.

(2) This device & its accessories must accept any interference received,

    including interference that may cause undesired operation.

Body-worn Operation

This device has been tested for typical body-worn operations

with the distance of 0.79inches (2.0cm) from the user's body.

To comply with FCC RF exposure requirements, a minimum separation distance

of 0.79inches(2.0cm) must be maintained from the user's body.

Additionally, Belt clips, holsters & other body-worn accessories may not contain

metallic components.

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 and touch power off.

Earpiece

Proximity sensor

Power/Lock key
Powers your phone on/off by pressing and holding the key. Turns off the screen and locks.

Home key
Returns to home screen from any screen.

Menu key
Check what options are available.

Back key
Returns to the previous screen.

Search key
Search the web and contents in your phone.

⚠ **WARNING**

Placing a heavy object on the phone or sitting on, it can damage its LCD and touch screen functionalities.
Do not cover the protective film on the LCD's p roximity sensor. This can cause the sensor to malfunction.

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

TIP! If LG-P990 has errors when you use it or you can not turn it on, remove battery, install it again and turn it on after 5 seconds.

NOTE: LG-P990 does not support Video call.

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Getting to know your phone

Stereo earphone connector

Power/Lock key

Charger, micro USB cable connector

Volume keys

On the home screen: controls ringer volume.

- During a call: controls your earpiece volume.
- When playing a track: controls volume continuously.

Back cover

Camera lens

microSD memory card slot

Battery

SIM card slot

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 on your hand firmly. With the other hand, firmly press your thumb on the back cover. And lift off the battery cover with your forefinger.

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

Getting to know your phone

3 Insert the battery into place by aligning the gold contacts on the phone and the battery.

4 Replace the back cover of the phone.

Charging your phone

Slide back the cover of the charger connector on the side of your LG-P990. Insert the charger, and plug it into an electrical outlet. Your LG-P990 must be charged until you can see   .

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

Installing the memory card

To store multimedia files such as captured images by using a built-in camera, you must insert a memory card to your phone.

NOTE: The LG-P990 supports upto a 32 GB memory card.

To insert a memory card:

1 Turn the phone off before inserting or removing the memory card. Remove the back cover.

2 Open the slot protection and insert the memory card into the slot. Make sure the gold contact area is facing downwards.

3 Close the slot protection.

Getting to know your phone

⚠️**WARNING**

Do not insert or remove the memory card when the phone is on. Otherwise, it may damage the memory card as well as your phone, and the data stored on the memory card may be corrupted.

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 the card are deleted when you format the card.

1 On the home screen, touch **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 since all the files will have been deleted.

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

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.

Proximity sensor

When receiving and making calls, this sensor automatically turns the backlight off and locks the touch keypad by sensing when the phone is near your ear. This extends battery life and prevents the touch keypad from activating unintentionally during calls.

Lock your phone

When you are not using LG-P990, press the **Power** key to lock your phone. This helps prevent accidental presses 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 with the lock screen to conserve the battery.

NOTE: If there are any programs running when you set the pattern, they may be still running in lock mode. It is recommended to exit all programs before entering the lock mode to avoid

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Your Home screen

unnecessary charges. (e.g., phone call, web access and data communications)

> **TIP! Setting unlock pattern**
> You can draw your own unlock pattern by connecting four or more dots.
> If you set a pattern, the phone's screen is locked. To unlock the phone, draw the pattern you set on the screen.
>
> **Caution:** When you set an unlock pattern, you need to create your Google Mail account first.
>
> **Caution:** If there are more than 5 pattern drawing errors in a row, you cannot unlock the phone. In this case, your personal information and downloaded data will be deleted.

Unlock screen

To wake up your phone, press the **Power** key. The lock screen will appear. Touch the unlock icon and drag your finger to the right to unlock your home screen. The last screen you were working on opens.

Silent Mode

From the notification drawer, touch to be . Or, if you don't use unlock pattern, simply drag to the right.

Home

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

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

Touch to open your contacts.

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 desire application, simply touch its icon from the applications list.

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

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

Touch to access the mobile internet service.

Adding widgets to your home screen

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

To remove an application icon from the 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 **Add to Home screen** 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 home screen, on the **Applications** menu, touch and hold an application you want to add to home screen.

To add an desired icon to your home screen:

1 Touch and hold that icon you want to remove. The **Applications** icon will be change as the trash icon 🗑.

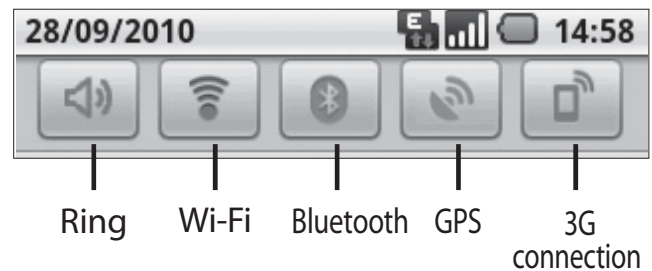**2** Drag and drop an application icon to the trash icon 🗑.

NOTE: You cannot delete the preloaded applications. (Only their icons can be deleted from the screen.)
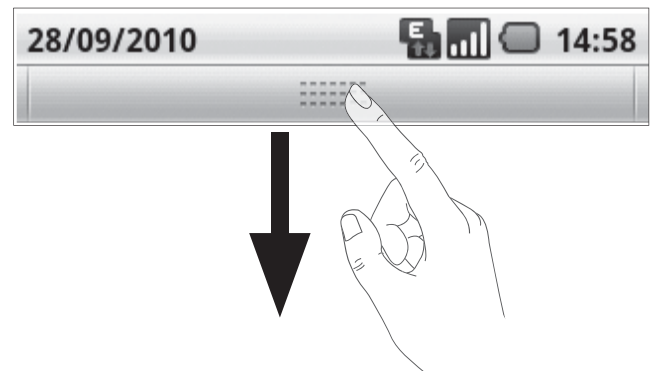
Getting back to a recently used applications

1 Touch and hold the **Home** key. The screen will show you a pop up with icons of applications that you've 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.

28/09/2010   14:58

Ring   Wi-Fi   Bluetooth   GPS   3G connection

Touch and slide the notification drawer down with your finger.

28/09/2010   14:58

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're likely to see in the status bar.

[Status bar]

Icon	Description
	No SIM card
	No signal
	Connected to a Wi-Fi network
	Wired headset
	Call forward
	Call hold
	Speakerphone

Icon	Description
	Phone microphone is muted
	Missed call
	Bluetooth is on
	Connected to a Bluetooth device
	System warning
	Alarm is set
	New voicemail
	Airplane mode
	Ringer is silenced
	Vibrate mode
	No microSD card
	Battery fully charged
	Battery is charging
	Data in
	Data out
	Data in and out

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[icon] Tap to view the settings menu.

[icon] Tap to switch to the numeric and symbol keyboard.

[icon] Tap to create a new line in the message field.

[icon] Tap to hide or show the onscreen keyboard.

[icon] Tap to delete the previous character.

[icon] [icon] Go forward or backword between letters.

[icon] Tap to enter a space.

XT9 predictive mode

The onscreen keyboard has predictive text to help you type quickly and accurately. XT9 predictive mode uses a built-in dictionary to recognise words based on the key number sequences you touch. Simply touch the number key associated with the letter you want to enter, and the dictionary will predict the word you want to use.

Abc mode

This mode allows you to enter letters by touching the key labelled with the required letter once, twice, three or four times until the letter is displayed.

123 Mode

This mode allows you to enter numbers in a text message (a telephone number, for example) more quickly. Touch the keys corresponding to the required digits before manually switching back to the appropriate text entry mode.

Entering accented letters

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

After the corresponding letter character disappears, touch the same key repeatedly until you see the special character you want.

Example

To input, touch and hold the "a" key.

After the letter "a..." disappears, keep your finger touched on the screen and slide left or right to select the desired character.

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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're prompted to create one.

Creating your Google account

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

1 Enter your e-mail address and password, then tap **Sign in**. Wait for signing in.
2 After sign in, you can use Google Mail 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. (It depends on your synchronisation settings.)

After sign in, you can use Google Mail, Google Calendar,

Android Market and Google Map; 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, work only 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 such applications first. When you sign in, your contacts, Google Mail 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 Google Mail 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 call

1 Touch [icon] to open the keypad.

2 Enter the number on the keypad. To delete a digit, touch the **Clear** icon [icon].

3 Touch the **Call** icon [icon] to make a call.

4 To end a call, touch **End** icon [icon].

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

Calling your contacts

1 Touch [icon] 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

When screen locked:

When your phone rings, drag the **Answer** icon [icon] to the right.

Drag **Decline** icon [icon] to the left reject an incoming call. Touch **Excuse messages** icon between "Answer" and "Decline" if you want to send one. If the caller is unknown, this **Excuse messages** icon is not shown.

When screen unlocked:

When your phone ring, touch the **Answer** icon [icon]. Touch **Decline** icon [icon] to reject an incoming call.

Touch **Excuse messages** icon between "Answer" and "Decline" if you want to send one. If the caller is unknown, this **Excuse messages** icon is not shown.

Adjusting call volume

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

Making a second call

1 During your initial call, touch 📷 .
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 📷 to toggle between calls.
   NOTE: You can touch 📷 to make a conference call.
6 To end active calls, touch **End call**. To end all calls at the same time, touch the **Menu** key and select **End all calls.**
   NOTE: You will be charged for each call you make.

Viewing your call logs

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

View a complete list of all dialed, received, and missed voice 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 **Clear call log** 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 **Applications** tab to open the applications menu.
2 Scroll and touch **Settings**.
3 Tap **Call settings**, and choose options that you want to adjust.

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Calls/Contacts

< Fixed Dialing 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 >

Set up your voicemail number.

Voicemail service – Allows you to select your carrier's voicemail service or another service, such as Google Voice.

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 >

TTY mode – Allows you to set TTY mode to communicate with other TTY devices.

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.

Call forwarding – You can configure how your calls are forwarded when you're on the phone, when you don't answer, and so on. Choose from **Always forward, Forward when busy, Forward when unanswered,** or **Forward when unreachable**.

Then enter the number to forward to.

NOTE: Diverting calls will incur charges. Please contact your network operator for details.

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

Call costs – View the charges applied to your calls. (This service is network dependent; some operators do not support this function.)

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

Additional 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.)

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 contact** and then **Create new contact**.
2 If you want to add a picture to the new contact, touch . Choose from **Take a 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 its
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 the **Favorites** tab and
choose a contact to view its
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/E-mail

Messaging

Your LG-P990 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 **Type to compose** below to start entering your message.

4 Touch the **Menu** key to open the options menu. Choose from **Call**, **Add subject**, **Attach**, **Send**, **Insert smiley**, **Discard**, **Templates**, **All threads** and **Add to Contacts**.

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

6 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 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.

Messaging/E-mail

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

Changing your message settings

Your LG-P990 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**.

< Storage settings >

Delete old messages – Touch to place a checkmark and allow the phone to delete older messages in a thread when the Text message limit or Multimedia message limit is reached.

Uncheck to keep all messages.

Text message limit – Touch to set the number of messages to save per thread of text messages.

Multimedia message limit – Touch to set the number of messages to save per thread of multimedia messages.

<Text message (SMS) settings>

Delivery reports – Activate to receive confirmation that your messages have been delivered.

Manage SIM card messages – Manage the messages stored on your SIM card.

Validity period – Choose how long your messages are stored in the message centre.

Text message centre – Enter the details of your message centre.

<Multimedia message (MMS) settings>

Delivery report – Choose to request a delivery report.

Delivery report allow – Choose to allow the sending of delivery confirmation message.

Read reports – Choose to request a read report for each message you send.

Read report allow – Choose to allow the sending of read confirmation message.

Auto-retrieve – Activate to retrieve messages automatically.

Roaming auto-retrieve – Activate to retrieve messages while roaming.

Set priority – Choose the priority level of your MMS.

Validity period – Choose how long your message is stored in the message centre.

Creation mode

- **Restricted:** In this mode, the MMS Client device only creates and sends messages with content belonging to the Core MM Content Domain.
- **Warning:** In this mode, the MMS Client device guides the user in creating and sending messages with content belonging to the Core MM Content Domain. This guidance is provided through warning dialogs.

- **Free:** In this mode, the MMS Client allows the user to add any content to the message.
- **Receive advertisement** – Allows receiving advertisement messages.

< Info. Service settings >

Choose whether to receive, block, or view or edit channels to receive information service messages (cell broadcast messages). Also choose the languages of information service messages.

< Service message >

Choose whether to receive or block service messages.

< Notification settings >

Activate to display message notifications in the status bar.

Also select a ringtone and activate vibrate to alert you of new messages.

Messaging/E-mail

Opening your email and email accounts screen

You can use the **Email** application to read email from services other than Google Mail. The **Email** application supports the following account types: POP3, IMAP and Exchange.

1 On the home screen, touch **Applications** tab and tap **Email** to view the mail boxes for each email account. Or, you can also touch **Email** on the home screen to access directly.

2 The first time you open the **Email** application, a setup wizard opens to help you add an email account.

3 After the initial setup, **Email** displays the contents of your **Inbox** (if you have only one account) or the **Accounts** screen (if you have multiple accounts).

The Accounts screen

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

1 Open the **Email** application. If you're not on the email account screen, touch the **Menu** Key and touch **Accounts**.

2 Select the email service provider.

     - Touch to open your **Combined Inbox**, with messages sent to all of your accounts.

     - Touch to open a list of just your starred messages.

     - Touch the folder icon to open the account's folders.

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 color coded along their left sides, by account, using the same colors that are used for your accounts in the **Accounts** screen.

Only your account's most recent emails are downloaded to your phone. To download more (earlier) email messages, touch **Load more messages** at the bottom of the emails list.

Reading your messages

Touch the message you want to read. The message opens in a screen that includes information about who sent it, the date it was sent, and other related information. You can touch that status indicator to open **Quick Contact**.

Responding to a message

You can reply to it, forward it or even just delete it.

To mark a message as unread:

You can set a message to appear as though it has not been read – for example, to remind yourself to read it again later.

• While reading a message, touch the **Menu** key and touch **Mark as unread**.

To delete a message:

• While reading a message, touch the **Delete** key, or touch the **Menu** key and then select **Delete**.

For many types of accounts, deleted messages are moved to a **Trash** folder, so you can retrieve them in case they were deleted by mistake.

Starring messages

You can add stars to important messages to make it easy to keep track of them.

To star a message:

- While reading a message, touch the star ⭐ in its header.

- From a list of messages in a folder, touch a message's star. The star ⭐ turns gold.

To unstar a message:

- Touch the star ⭐ again.

To view your starred messages:

- Touch **Starred**.
  A folder opens with your starred messages.

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 the **Menu** key and touch **Attach** to send a photo with the message.

6 Touch **Send.**
If you're not ready to send the message, 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 airplane mode, the messages that you send are stored in your **Outbox** folder until you're connected to a network again. If it contains any pending

messages, the **Outbox** is displayed on the **Accounts** screen.

Please note that messages sent using an Exchange account will not be located on the phone; they will, however, be located on the Exchange server itself. If you want to see your sent messages in the **Sent** folder (or with the **Sent** label), you will often need to open the **Sent** folder/label and select **Refresh** from the options menu.

Working with account folders

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

Adding and editing email accounts

To add an email account:

1 Touch the **Menu** key and touch **Add account**.
2 Touch **Next**. Or, if you need to enter email account settings.
3 Enter a name for the account, confirm how you want your name to appear in outgoing mail, then touch **Done.**

To change an account's settings:

1 Open the **Accounts** screen.
2 Touch and hold the account whose settings you want to change. 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 **Remove account** 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 real-time.

If you don't have an account, you can visit their sites to set it up.

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

Adding your account to your phone

1 On the home screen, touch **Applications** tab to open the applications menu.
2 Choose any SNS application you want to use.
3 Enter your e-mail address and 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 a social networking widget on your home screen, the widget will show your status when your phone updates from the network.
> You can also access the social community directly by touching up the widget.

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 SNS or sync all data to contacts.
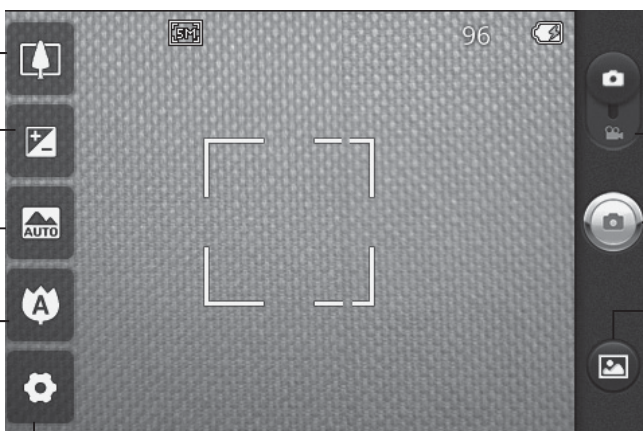
Removing accounts on your phone

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

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

Camera

Getting to know the viewfinder

Brightness – This defines and controls of the amount of sunlight entering the image. Slide the brightness indicator along the bar, towards "-" for a lower brightness image, or towards "+" for a higher brightness image.

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

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

Taking a photo

Gallery – This enables you to access your saved photos from within the camera mode. Simply touch, and your gallery will appear on the screen.

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

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

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

NOTE: You need to insert a memory card first to take a picture. Without inserting a memory card, you will not be able to take a picture nor save the picture you had taken.

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> **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 as 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.

NOTE: Zoom is not supported in Face tracking mode.

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 as **Bluetooth**, **Email**, **Facebook for LG, Google Mail**, **Messaging, MySpace for LG, Picasa** or **Twitter for LG.**

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

Camera

Set as	Touch to set the image as **Contact icon** or **Wallpaper**.
Rename	Touch to edit the name of the selected picture.
Edit	Touch to edit the image using various tools

🗑 Touch to delete the image.

📷 Touch to take another photo immediately. Your current photo will be saved.

🖼 Touch to view a gallery of your saved photos.

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.

Image size – Touch to set the size (in pixels) of the picture you take. Select a pixel value from the numerical options: **5M (2592X1944), 3M (2048x1536), 2M (1600x1200), 1M (1280x960), VGA (640x480), QVGA (320x240)**.

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. Select from ISO values of **Auto**, **400, 200** and **100**.

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

Color effect – Choose a colour tone for your new photo. Choose from **Off, Mono, Negative, Solarize,** and **Sepia**.

NOTE: You can change a colour picture to black and white or sepia, but you cannot change a black-and-white or sepia picture to colour.

Timer – The self-timer allows you to set a delay after the shutter is pressed. Select **Off**, **3 seconds**, **5 seconds**, or **10 seconds**. This is ideal if you want to be included in a photo.

Shot mode – Choose from **Normal, Continuous shot, Beauty shot, Art shot, Face effect** and **Cartoon.**

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 on, it will show you the picture you just had 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 provide you a quick guide.

TIP! When you exit the camera, all settings will return to their defaults, except image size and image quality. Any nondefault 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

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

> **TIP!** Flick left or right to view other photos or videos.

[icon] Touch to see slide show.

[icon] Touch **Menu** and select options you want. You can share the contents or delete a photo. Touch **More** for more options below.

Detail - Check information of contents.

Set as - Set as contact icon or wallpaper.

Crop -Crop your photo. Move your finger across the screen to select the area.
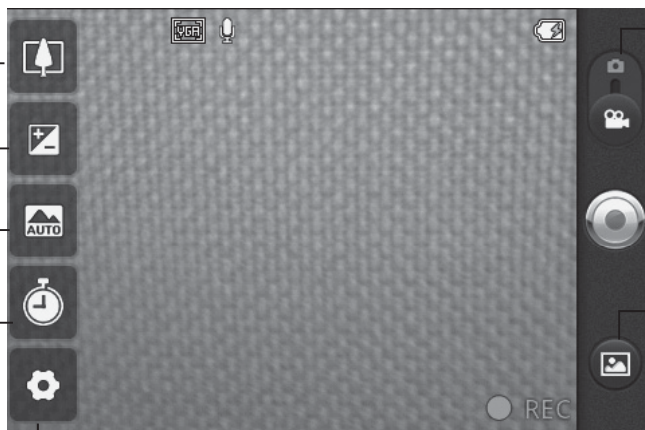
Rotate - Rotate left or right.

Edit - Touch to edit the image using various tools.

Video camera

Getting to know the viewfinder

Brightness – This defines and controls of the amount of sunlight entering the Video. Slide the brightness indicator along the bar, towards "-" for a lower brightness Video, or towards "+" for a higher brightness Video.

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

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

Start recording

Gallery - This enables you to access your saved videos from within the video mode. Simply touch, and your gallery will appear on the screen.

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

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

Scene mode – Set the camera to adjust to the environment. Choose from **Auto** or **Night**.

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's 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 ⦿ stop recording.

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 as **Bluetooth**, **Email**, **Google Mail**, **Messaging** or **YouTube.**

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

Rename   Touch to edit the name of the selected video.

🗑   Touch to delete the video you just made, and confirm by touching **Yes**. The viewfinder will reappear.

📹   Touch to shoot another video right away. Your current video will be saved.

🖼   Touch to access the media player and view the saved videos.

Using the advanced settings

Using the viewfinder, touch ⚙ to open all the advanced options. Adjust the video camera setting 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 VGA (640x480), QVGA (320x240) or QCIF (176x144).

White balance – The white balance ensures any the 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**.

Color effect – Choose a colour tone to use for your new view. Choose from **Off, Mono, Negative, Solarize,** and **Sepia**.

> **TIP!** You can change a video shot in colour to black and white or sepia, but you cannot change a black-and-white or sepia video to colour.

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

Audio recording – Choose **Mute** to record a video without sound.

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

- Reset all the video camera settings.
- Touch whenever you want to know how this function operates. This is provide you a quick guide.

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 starts to play automatically.

Adjusting the volume when viewing a video

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

Your photos and videos

Editing your photos

You can do lots of great things to your photos to change them, add to them or live them up.

1 Open the photo you want to edit and touch the **Menu** key and select **More** > **Edit**.

2 Touch the options to alter your photo:

[Crop icon] Crop your photo. Choose a square or circular crop area and move your finger across the screen to select the area.

Tools Select the option you want to use.

[Draw icon] Draw something on your photo, freehand. Select the line thickness from the four options, then the colour you want to use.

[Erase icon] Erase the editing you have done to the picture. You can choose the size of eraser you use.

T Adding writing on a picture.

[Stamp icon] Decorate your photo with stamps. Choose from the different stamps and touch your photo where you want to place them.

Filter Touch to open the filter options.

Image Touch to open further effect options including **Rotate**. There are also more advanced editing options.

Adjust This helps to adjust a picture taken using automatic colour, brightness etc.

Save Save the changes you have made to the photos. Select **Update** to save the changes over the original file, or as a **New file**. If you select **New file**, enter a file name.

Undo Undo the last effect or edit you made to the photo.

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

Share You can share the edited photo as **Bluetooth, Email, Facebook for LG, Google Mail, Messaging, MySpace for LG, Picasa** or **Twitter** for **LG**.

Multimedia

You can store multimedia files to a memory card to have easy access to all your image and video files.

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

> **NOTE:** Make sure you install a memory card into the phone to save photos and access all your pictures. Without a memory card, the phone will not display any photos or videos without Picasa images which are in your Picasa album.

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. Use the Album View switch 🔘 at the top right of the screen to switch between grid and stack view.

🔲🔘 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.

Sending a photo

1 To send a photo, touch a photo you want.

2 Touch **Menu** and select **Share**. Choose from **Facebook for LG, MySpace for LG, Twitter for LG, Messaging, Bluetooth, Email, Picasa** or **Google Mail.**

3 When you choose **Messaging, Email,** or **Google Mail,** your photo will be attached to a message, then you write and send the message normally.

> **TIP!** If you have a SNS account and set it up on your phone, you can share your photo to SNS community.

Multimedia

Sending a video

1 To send a video, touch the video you want.

2 Select **Share**. Choose from **Messaging, Bluetooth, Email, YouTube,** or **Google Mail.**

3 When you choose **Messaging, Email** or **Google Mail,** your video will be attached to a message, then you write and send the message normally.

Music

Your LG-P990 has a built-in music player that lets you play all your favourite tracks. To access the music player, touch **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 ◀◀ two times to go back to the previous song.

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

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

> **NOTE:** Music file copyrights may be protected by international treaties and national copyright laws.
>
> Therefore, it may be necessary to obtain permission or a licence to reproduce or copy music. In some countries, national laws prohibit private copying of copyrighted material. Before downloading or copying the file, please check the national laws of the relevant country concerning the use of such material.

Using the radio

Your LG-P990 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 headphones to listen to the radio. Insert them 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 in.
You can store up to 48 channels on your phone.

To tune in automatically:

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

2 Touch the **Menu** key and touch **Auto scan**.

3 If there are pre-set channels, you will see a pop-up with 'Reset all channels and start Auto scan?'. If you choose **Yes**, all the pre-set channels will be deleted and auto scan will start.

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

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

Resetting channels

Touch the **Menu** key and choose **Reset Channel** to reset the current channel, or choose **Reset All Channels** to reset all the channels.

Listening to the radio

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

Multimedia

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

3 Touch **Listen Via** and you can set **Speaker** or **Wired headset** to listen to the radio.

> **TIP!** To improve radio reception, extend the headset cord, which functions as the radio antenna.

> ⚠ **WARNING**
>
> If you connect a headset not specifically made for radio reception, radio reception may be poor.

Transferring files using USB mass storage devices

To transfer files using USB devices:

1 Connect the LG-P990 to a PC using a USB cable.

2 If you didn't install LG Android Platform Driver on your PC, you need to change settings manually. Choose **Settings > SD card & phone storage > ** activate **Mass storage only**.

3 Touch **Turn on USB storage**.

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

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

• If you installed LG Android Platform Driver, you will see pop up with **'Turn on USB storage'** immediately.

• 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 > SD card & phone storage**, then touch the checkmark to turn off **Mass storage only** mode.

How to save music/video files to the 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 didn't install LG Android Platform Driver on your PC, you need set it manually. For more information, refer to 'Transferring files using mass storage devices'.

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

• You may copy or move files from the 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 the phone.

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

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

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

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

Multimedia

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 of LG-P990 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, not from Bluetooth menu, unlike regular 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 **Multiselect.** Select the contacts you want to send or touch the **Menu** key and touch **Select all** > **Touch Share** > **Bluetooth** > **Select all**. 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.

• **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 2.1 EDR and certified by Bluetooth SIG. It is compatible with other Bluetooth SIG certified devices.

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

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

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-P990.

Google Maps™

Check your current location and traffic and receive directions to your destination. The LG-P990 must be connected to Wi-Fi or 3G/GPRS.

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

Touch the **Menu** key to use options:

Search – Enter the place you are looking for.

Directions – This will let you find out the route of your entered place. Touch ⬜ to input the data. Choose from **Contacts** or **Point on Map** or **My current location**.

Layers – You can switch view from **Traffic** to **Satellite** or **Terrain**. Tap **Latitude** then you will see the location of your contacts from Google account.

My Location – Point your current location on the map.

Join Latitude – Share your location with friends you choose and Google.

More – Clear map or find starred items and more.

NOTE: While viewing **Street View** for a location, touch the **Menu** key then touch **Compass Mode** to turn compass mode on.

Market™

Android Market lets you download useful applications and games. If you install applications and games from Android Market, they appear in the LG-P990 menu. You can check downloaded application by tapping **Downloads** tab.

You can check other's comment regarding an application or you can post your comments.

1 Select a category from **Apps** and **Games** to browse its contents. It will show you **Top paid, Top free** and **Just in**.

2 Choose an application to install.

NOTE: When you want to finish the game, use the **Home** or **Back** key. You will return to the home screen. Or use the **Menu** key of the game.

Google Mail™

Google Mail is configured when you first set up your phone. Depending on your synchronisation settings, Google Mail on your phone is automatically synchronised with your Google account on the web. The inbox conversations list is your default Google Mail 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 account, Go to labels**, **Search** and **More**.

Google 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 check available options.

All friends – Join all friends to communicate.

Add friend – Send invitation to chat.

Search – It search any chat that contains your entered word or sentences.

Google applications

 Sign Out – Sign out from chat. When you touch **Talk** icon from the home screen, you will be signed in automatically if you set **Automatically sign in** active.

 Settings – Adjust indicator or notification. etc.

 More – From here, you can close all chats and check invites and blocked list.

Utilities

Setting your alarm

1 On the home screen, touch **Applications** tab and select **Clock**. The clock application opens with the date and time displayed on your home screen.

2 If you want to add a new alarm, touch [alarm clock icon]. Touch an existing alarm to change its time and other attributes or touch **Add alarm** to add a new one.

3 Set the time and touch [checkmark icon] to turn on the alarm. After you set the time, the LG-P990 will let you know how much time is left before the alarm sounds.

4 Set **Repeat, Ringtone** or **Vibrate** and add **Label** to name the alarm. Touch **Done**.

5 To change alarm settings, on the clock screen, touch the **Menu** key and select **Settings**. You can add alarm or adjust snooze duration or alarm volume from settings.

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 the **Menu** key, touch the **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**.

Utilities

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.

Changing your calendar view

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

2 Select the calendar view for a particular day, week, or month.

ThinkFree Office

ThinkFree Office allows you to read documents, and provides limited edit functions for Microsoft Word, Excel and PowerPoint. But You can not edit PDF file.

1 Touch and hold a file, then **Open, Upload, Rename, Move, Copy, Delete, Send** and **Properties** options are available. This is depending on the file type.

Touch the **Menu** key and select the option you want:

New – Add document, Spreadsheet, Presentation or Folder.

Refresh – Refresh datas.

Sort – Sort by name, Date or Size.

Preferences – Adjust ThinkFree Office settings.

Update – Update ThinkFree Office.

About – More information about ThinkFree Office.

Voice recorder

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

Recording a sound or voice

1 On the home screen, touch **Applications** tab and select **Voice Recorder**.
2 Touch [icon] to begin recording.
3 Touch [icon] to end recording.
4 Touch the **Menu** key and select **Use as** to set as the **Phone** ringtone.

NOTE: Touch **Go to list** to access your album. You can listen to the saved recording.

Sending the voice recording

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

LG Air Sync

Using this menu, you can synchronise your PIM data or other contents of your phone with your LG Air Sync account.

1 Touch **LG Air Sync**.
2 If you have no LG Air Sync account, please create account in the phone or visit http://www.lgairsync.com to create your account. If you have an account, key in your ID and Password.
3 If you want to synchronise your PIM data or contents, click the item you want to synchronise or touch Sync now for all PIM data and contents.

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.

Using options

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

New window – Open a new window.

Bookmark – Add/show bookmark, show most visited site and history.

Window – Show all your open windows.

Refresh – Touch to refresh the web page.

Forward – Goes to the page you connected later than current page. This is opposite concept with the **Back** key, which goes to the previous page.

More

• **Add bookmark** – Add the current web page as bookmark.

• **Find on page** – If you enter a letter or any word, it will marks 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** – Set browser settings.

TIP! To return the previous web-page, touch **Back** key.

Adding and accessing bookmarks

1 Touch the **Menu** key then select **Bookmarks**.

2 Touch a bookmark and enter a name for the bookmark followed by its URL.

3 To access the bookmark, simply touch the bookmark. You will be connected to the bookmarked page.

Changing web browser settings

Touch the **Menu** key then select **More > Settings**.

Settings

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

Wireless & networks

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

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

Wi-Fi – Touch to checkmark: 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**.

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-P990 into the router.

You can find the MAC address in the following user interface: Touch **Application > Settings > Wireless & networks > Wi-Fi settings**, and touch the **Menu** key then select **Advanced > MAC Address**.

MediaShare – Touch to checkmark: Turns on MediaShare to share your multimedia contents with your DLNA (Digital Living Network Alliance) enabled devices.

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

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

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 **Menu** key, **Back** key, 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.

Location & security

< My Location >

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

Use GPS Satellites – If you check **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 **PIN** or **Password** instead of **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're prompted to draw and redraw your own pattern.
> The next time you turn on your phone or wake up the screen, you're 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 more administrations.

< Credential storage >

Use secure credentials – Checkmark 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 the 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.

Settings

Your password must have at least 8 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. Unchecking 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 the phone.

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

Privacy

< Backup and restore >

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 and application data and settings, and any downloaded applications. Resetting the phone does not erase any system software updates you've downloaded or any files on your microSD card, such as music or photos. If you reset the phone in this way, you're prompted to reenter the same kind of information as when you first started Android.

SD card & phone storage

< USB connection mode >

Mass storage only – Your phone can be used as a mass storage device if you have a memory card inserted. You can set the **Mass storage only** as a default setting of USB connection mode.

< 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**. Lists the amount of internal phone storage used by the operating system, its components, applications (including those you downloaded), and their permanent and temporary data.

Search

You use the Search settings to configure Google search, including setting which data on your phone you want to be able to search.

Settings

< Web >

Touch **Google search** and you can adjust Google search settings.

Show web suggestions – Check to display suggestions for Google web searches below the Google search box as you type.

Use My Location – Check to include your location when using Google search and other Google services. When you check this option, you're asked whether you consent to allowing Google to use your location when providing these services.

Search history – Check to use suggestions from the web-based Google search history, from your Google account.

Manage search history – Opens browser with a web-based interface for viewing and managing the web search history associated with your Google account.

< Phone >

Searchable items – Opens a screen where you can check and uncheck the kinds of data you can search for on your phone.

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Clear shortcuts – Erases the list of previously chosen search results that appear as suggestions below the Google search box.

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 recognizer settings – You use the **Voice recognizer 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 diallog where you can set whether you want Google SafeSearch filtering to block some results when you use.

- **Google search by voice**: Block no search results (off), only explicit or offensive images (moderate), or both explicit or offensive text and images (strict).
- **Block offensive words:** When unchecked, Google voice recognition will recognise and transcribe words many people consider offensive, when you enter text by speaking. When checked, Google voice recognition replaces those words in transcriptions with a place holder comprised of hash symbols (#).

< Voice output >

Text-to-speech settings – You 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 diallog where you can set the text-to-speech application you want to use, if you have more than one installed.
- **Install voice data:** If your phone does not have speech synthesiser data installed, 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 diallog where you can select how quickly you want the synthesiser to speak.

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Settings

- **Language:** Opens a diallog where you can select the language of the text you want the synthesiser to read. This is particularly useful in combination with the **Always use my settings**, to ensure that text is spoken correctly in a variety of applications.
- **Pico TTS:** Configure the Pico TTS settings.

Accessibility

You 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 references for how dates are displayed. You can also use these settings to set your own time and time zone rather than obtaining the current time from the mobile network.

About phone

View legal information, and check phone status and software version.

Wi-Fi

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

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

Turn on Wi-Fi

From the home screen, open the notification drawer and touch

 on.

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

To connect to Wi-Fi

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

How to use On-Screen Phone

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

On-Screen Phone icons

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

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

 Changes the On-Screen Phone preferences.

 Exits the On-Screen Phone program.

 Minimises the On-Screen Phone window.

On-Screen Phone features

- Real-time transfer and control: displays and controls your mobile phone screen when connected to your PC.
- Mouse control: allows you to control your mobile phone by using the mouse to click and drag on your PC screen.
- 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 ThinkFree 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 it into the On-Screen Phone window. The files you send are stored on a micro SD card.

Settings

- 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.

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 be also downloaded on your PC. Then you can install the On-Screen Phone on your PC.

How to connect your mobile phone to 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 tick **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 appears, click "Stop" to stop searching.

5 Select "LG-P990" 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 → 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.

Settings

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 to software version 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.

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 320 x 240.

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