

CE 0168

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MMBB0347501 (1.1)

Bluetooth QD ID B014814



Some of the contents in this manual may differ from your phone depending on the software of the phone or your service provider.

And this handset is not recommended for blind disability person due to touch screen keypad.



KS660 User Guide

Congratulations on your purchase of the advanced and compact KS660 phone by LG, designed to operate with the latest digital mobile communication technology.

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Getting to know your phone

End/Power key

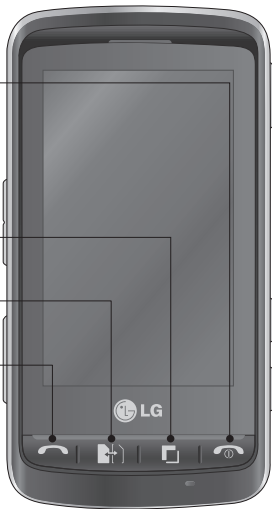
Ends or rejects a call.
Turns the phone on/off. Press
once to return to the standby
screen.

Multitasking key

SIM card selection key

Call key

Dials a phone number and
answers incoming calls.



⚠ WARNING: Placing a heavy object on the phone or sitting on it while it is in your pocket can damage the phone's LCD and touch screen functionality.



**Charger, Cable,
Handsfree connector**

TIP: To connect the USB cable, wait until the phone has powered up and has registered to the network.

Lock/Unlock key

Capture button

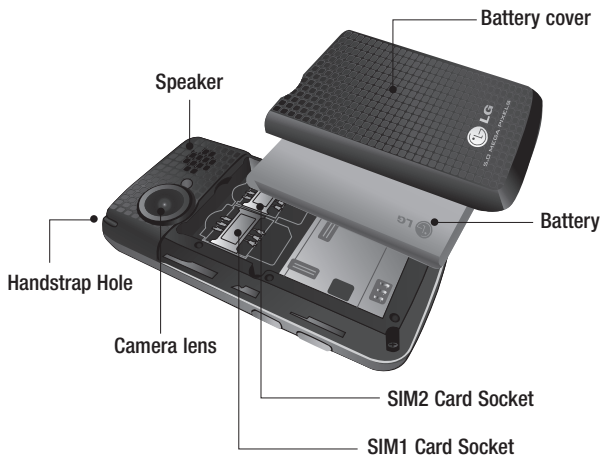


Side keys

- **When the screen is idle:** volume of key tone.
- **During a call:** volume of the earpiece.
- **When playing a BGM track**
 - **Short press:** controls the volume.

**Micro SD memory card
socket**

Open view



Installing the SIM and battery

1 Remove the battery cover

Slide the battery cover towards the bottom of the phone and away from it.



⚠ WARNING: Do not use your fingernail when removing the battery.

2 Remove the battery

Using the cut-out at the top and lift it from the battery compartment.



⚠ WARNING: Do not remove the battery when the phone is switched on, as this may damage the phone.

Installing the SIM and battery

3 Install the SIM card

Slide the SIM card into the SIM card holder making sure that the gold contact area on the card is facing downwards. To remove the SIM card, pull it gently in the opposite direction.



5 Charging your phone

Lift and twist the charger socket cover of the on the side of your KS660. Insert the charger and plug it into a mains electricity socket. Your KS660 needs to be charged until "Battery full" appears on screen.



4 Install the battery

Insert the bottom of the battery first into the bottom edge of the battery compartment. Ensure that the battery contacts align with the terminals on the phone. Press down the top of the battery until it clicks into place.

Memory card

Installing a memory card

You can expand the memory space on your phone by using a MicroSD memory card.



NOTE: A memory card is an optional accessory.

- 1 Open the memory card slot cover on the right hand edge of the phone.
- 2 Slide the memory card into the slot until it clicks into place.
- 3 Replace the cover.



Formatting the memory card

Your memory card may already be formatted. If your card isn't formatted, you will need to format it before you can begin using it.

- 1 From the standby screen select , then touch  and choose **Phone settings**.
- 2 Touch **Memory manager** then choose **External memory**.
- 3 Touch **Format** and then confirm your choice.
- 4 Enter the password, if one is set, and your card will then be formatted and ready to use.

NOTE: If your memory card already has content, it will automatically be filled in the correct folder; for example, videos will be stored in the My Videos folder.

Menu map

Touch  in the standby screen to open a **Top menu**. From here you can access further menus: **Communicate**, **Entertainment**, **Utilities** and **Settings**.



Communicate



Dialling



Speed dials



Contacts



Call history



New message



New Email



Messaging



Entertainment



Gallery



My stuff



Camera



Video camera



Muvue studio



Music



FM radio



Games & apps



Utilities



Browser



Organiser



Alarms



Voice recorder



Drawing Panel



Tools



STK (SIM Tool Kit)



Settings



Dual SIM card



Profiles



Screen settings



Phone settings



Call settings



Touch settings



Connectivity



Bluetooth

Your standby screen

From your standby screen you can access all the menu options, make a quick call and view the status of your phone as well as many other things.

Touch screen tips



The home screen is also a great place to get accustomed to the touch screen.

To select an item, touch the icon accurately. Your KS660 will vibrate slightly when it recognises you've touched an option.

To scroll through lists, touch the last item visible and slide your finger up the screen. The list will move up so more items are visible.

- There's no need to press too hard, the touchscreen is sensitive enough to pick up on a light, yet firm, touch.
- Use the tip of your finger to touch the option you want. Be careful not to touch any other options around it.
- When the screen back light is off, press the Unlock/Lock key on the right hand side to bring back the home screen.

- Don't cover the phone with a case or cover. The touchscreen won't work with any material covering it.
- There are two types of idle screen. Flick left or right to change your idle screen types on the standby screen.

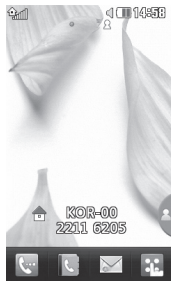
- 1 Widget idle - When you touch , the mobile widget panel appears.
- 2 Speed dial idle - When you touch , the speed dial list appears. You can drag and click what you need right away in both idle types.

Your standby screen

Widget idle




Speed dial idle



The quick keys

The quick keys provide easy, one-touch access to your most used functions.



Touch to bring up the touch dialling pad to make a call. Input the number as you would using a normal key pad and touch **Call** or press the  hard key.



Touch to open your address book. To search for the number you want to call, enter the name of the contact at the top of the screen using the touchpad. You can also create new contacts and edit existing ones.



Touch to access the Messaging options menu. From here you can create a new SMS or MMS, or view your message folder.













Touch to open the full Top menu which is divided into four vertical sub-menus. Touch each sub-menu's tab to view further options.















Your standby screen

The status bar

The status bar uses various icons to indicate things like signal strength, new messages and battery life, as well as telling you whether your Bluetooth or GPRS is active.

Below is a table which explains the meaning of the icons you're most likely to see in the status bar.


Icon	Description
	Multitasking
	Network signal strength (number of bars will vary)
	No network signal
	Remaining battery life
	Battery empty
	New text message
	New voice message
	Message inbox is full
	Message sending failed
	Multimedia message sending failed


Icon	Description
	An alarm is set
	Customised Profile in use
	Normal profile in use
	Outdoor profile in use
	Silent profile in use
	Headset profile in use
	Calls are diverted
	EDGE in use
	Roaming
	Flight mode is on
	Bluetooth is active
	BGM play
	BGM pause
	Memory card is enable to use

Changing your Status from the status bar

Touch the status bar to open the Status Summary. It shows the current Time, Network, SVC ID, Battery, Handset memory, External Memory, Profile, MP3 and Bluetooth status. Here you can set Profile type, play/pause MP3 and activate/deactivate Bluetooth.

Using the Multitasking function

Press the multitasking hard key  to open the Multitasking menu. From here you can view all the applications you have running and access them with one touch.




When you have an application running in the background (e.g. a game or the FM radio),  will appear in the status bar.

The Dual SIM-card

This menu enables you to change the primary and secondary SIM-card in places without transfer them manually. For more information, see Settings.

Calls



Making a call

- 1 Touch  to open the keypad.
- 2 Key in the number using the keypad. To delete a digit touch the clear key.
- 3 Press the  Hard key or touch call to initiate the call.
- 4 To end the call press the  hard key.



TIP! To enter + for making an international call, press and hold


 .

Making a call from your contacts

- 1 From the standby screen touch  to open the address book.
- 2 Enter the first few letters of the contact you would like to call.
- 3 From the filtered list, touch the contact you'd like to call and select the number to use if you have more than one saved.
- 4 Touch .

Answering and rejecting a call



When your phone rings press the  hard key or touch  to answer the call.


Tap  to mute the ringing. This is great if you've forgotten to change your profile to Silent for a meeting.


Press the  hard key or touch  to reject an incoming call.


In-call options


 **Speaker** - Touch  to turn on the speaker phone.

 **Mute** - Touch  to turn off the microphone so the person you are talking to cannot hear you.

 **Options** - Choose from a list of further in-call options, including **Go to messages**, so you can check your messages, **Go to contacts** to add or search contacts during a call. You can also end the call from here by touching **End call**.

 - Choose to search your contacts during a call.




+ - Choose to add another person to the call.

 - Choose to open a numerical keypad for navigating menus with numbered options. For example, when dialling call centres or other automated telephone services.

TIP! To scroll through a list of options or your list of contacts, touch the last item visible and slide your finger up the screen. The list will move up so more items become visible.





Speed dialling

You can assign a frequently-called contact to a speed dial number.

- 1 From the standby screen touch  and select  and tap .
- 2 Your Voicemail is already set to speed dial 1. You cannot change this. Touch any other number to assign it a speed dial contact.
- 3 Your address book will open. Select the contact you'd like to assign to that number by touching their phone number once. To find a contact tap the search field box and enter the first letter of the name of the contact required.

Calls

Making a second call

- 1 During your initial call, touch  and select the number you want to call.
- 2 Dial the number or search your contacts.
- 3 Press  to connect the call.
- 4 Both calls will be displayed on the call screen. Your initial call will be locked and the caller put on hold.
- 5 To change between the calls, touch  and choose **Swap call** or press the number of the held call.
- 6 To end one or both calls press  and select **End** followed by **All**, **Held** or **Active**.

TIP! You can combine your calls by selecting **Accept** then **Join**. Check that your network provider supports conference calling.

NOTE: You will be charged for each call you make.

Turning off DTMF

DTMF allows you to use numerical commands to navigate menus within automated calls. DTMF is switched on as default.

To turn it off during a call (to make a note of a number for example) touch  and select **DTMF off**.




Viewing your call logs

TIP! To scroll through a list of options, touch the last item visible and slide your finger up the screen. The list will move up so more items are visible.

Touch  and select  and tap .

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

Using call divert

- 1 Touch , select  and choose .
- 2 Touch **Call divert**.
- 3 Choose whether to divert all calls, when the line is busy, when there is no answer or when you are not reachable.
- 4 Input the number you'd like to divert to.
- 5 Touch **Request** to activate.

NOTE: Charges are incurred for diverting calls. Please contact your network provider for details.

TIP! To turn off all call diverts, choose **Deactivate all** from the **Call divert** menu.

Using call barring

- 1 Touch , select  and choose .
- 2 Touch **Call barring**.
- 3 Choose any or all of the six options:
All outgoing
Outgoing international
Outgoing international calls except home country
All incoming
Incoming when abroad
Deactivate all
- 4 Enter the call barring password. Please check with your network operator for this service.

TIP! Select **Fixed dial number** to turn on and compile a list of numbers which can be called from your phone. You'll need your PIN2 code from your operator. Only numbers included in the fixed dial list can be called from your phone.

Calls

Changing the common call setting

- 1 Touch , select  and choose .
- 2 Touch **Common setting**. From here you can amend the settings for:

Call reject - Slide the switch to **On** to highlight the Reject list. You can touch the text box to choose from all calls, specific contacts or groups, or those from unregistered numbers (those not in your contacts). Touch **Save** to change the setting.

Send my number - Choose whether your number will be displayed when you call someone.

Auto redial - Slide the switch left for **On** or right for **Off**.

Answer mode - Choose whether to answer the phone using the send key or any key.

Minute minder - Slide the switch left to **On** to hear a tone every minute during a call.

BT answer mode - Select **Hands-free** to be able to answer a call using a Bluetooth headset, or select **Handset** to press a key on the handset to answer a call.




Save new number - Select **Yes** to save a new number.

Contacts




Searching for a contact

There are two ways to search for a contact:

From the standby screen


- 1 From the standby screen touch  to open the address book. Select the contact from the list that you want to make a call.
- 2 Touch  or press the  hard key to initiate the call.

From the main menu

- 1 Touch , select .
- 2 Touch , select **Contacts**, then **Search**.
- 3 You see a list of contacts, typing in the first letter of a contact's name will jump the menu to that alphabetical area of the list.



TIP! The alphabetical keypad is displayed once you tap the blank square.

Adding a new contact

- 1 From the standby screen touch  and touch **Add contact**.
- 2 Choose whether to save the contact to your Handset or SIM(SIM 1/SIM 2).
- 3 Enter the first and last name of your new contact. You do not have to enter both, but you must enter one or the other.
- 4 You can enter up to five different numbers per contact. Each entry has a preset type **Mobile**, **Home**, **Office**, **Pager**, **Fax** and **General**. When you have finished, touch **Close**.
- 5 Add an email address.
- 6 Assign the contact to one or more groups. Choose from **No group**, **Family**, **Friends**, **Colleagues**, **School** or **VIP**.
- 7 You can also add a **Ringtone**, **Birthday**, **Anniversary**, **Homepage**, **Home address**, **Company name**, **Job title**, **Company address** and a **Memo**.
- 8 Touch **Save** to save the contact.

Contacts

Creating a group


- 1 Touch .
- 2 Touch **Contacts** then **Groups**.
- 3 Touch .
- 4 Select **Add group**.
- 5 Enter a name for your new group.
You can also assign a ringtone to the group.
- 6 Touch **Save**.

NOTE: If you delete a group, the contacts which were assigned to that group will not be lost. They will remain in your address book.

Changing your contact settings

You can adapt your contact settings so that your address book suits your own preferences.

TIP! To scroll through a list of options, touch the last item visible and slide your finger up the screen. The list will move up so more items are visible.

- 1 From the standby screen touch .
- 2 Touch **Contacts**, then **Settings**.
- 3 From here you can adjust the following settings:

Contact list settings - Choose whether to view contacts saved to your Handset & SIM1 & SIM2 or Handset, SIM1 and SIM2 each.

You can also choose to show the first name or last name of a contact first.

Copy - Copy your contacts between your SIM cards(SIM1 or SIM2) and your handset. Choose to do this one at a time, or all at once. If you select one at a time, you'll need to select each contact to copy one by one.

Move - This works in the same way as Copy, but the contact will only be saved to the location you've moved it to. So if you move a contact from the SIM to the handset it will be deleted from the SIM memory.

Send all contacts via Bluetooth -

Send all of your contacts to another device using Bluetooth. You will be prompted to turn on Bluetooth if you select this option.

Backup contacts - See Backing up and restoring your phone's information in PC Sync part.

Restore contacts - See Backing up and restoring your phone's information in PC Sync part.

Clear contacts - Delete all your contacts. Touch **Yes** if you are sure you want to wipe your address book.

Viewing information

- 1 From the standby screen touch .
- 2 Touch **Contacts**, then **information**.
- 3 From here you can view your **Service dial numbers**, your **Own number**, your **Memory info**. (how much memory space you've got left) and **My business card**.





TIP! If you've yet to add a business card for yourself, select **My business card** and enter all your details as you would for any contact. Touch **Save** to finish.


Messaging


Messaging

Your KS660 combines SMS, MMS and email into one intuitive and easy to use menu.





There are two ways to enter the messaging centre:

- 1 Touch  from the standby screen.
- 2 Touch  from the standby screen, then select  and choose .

 **WARNING:** You will be charged per 1 page text message for each person that you send the message to.

 **WARNING:** If an image, video or sound is added to an SMS it will be automatically convert to an MMS and you will be charged accordingly.

Sending a message

- 1 Touch  to open a blank message.
- 2 From here you can send an SMS or MMS. To send an email, touch  from the standby screen, then select  and .
- 3 Touch **Insert**, to add an image, video, sound or template.
- 4 Touch **To** at the top of the screen to enter the recipient's number, or touch the search icon to open your address book. You can add multiple contacts. Touch **Send** when ready.


Entering text


There are five ways to enter text:


Keypad, Keyboard, Handwriting-Screen, Handwriting-Box, Handwriting-Double Box.


You can choose your input method by tapping  and **Input method**.

Tap the screen once, the keyboard appears.

 Touch to turn on T9 predictive text.

 You can choose writing languages.

 Tap to change numbers, symbols and text keypad.

Use  to scroll through the different keyboard types in each text entry mode (for example, capitals or lowercase).

T9 predictive

T9 mode uses a built-in dictionary to recognise words you're writing based on the key 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.

For example, press 8, 3, 5, 3, 7, 4, 6, 6, 3 to write 'telephone'.


Abc manual

In Abc mode you must touch the key repeatedly to enter a letter. For example, to write 'hello', touch 4 twice, 3 twice, 5 three times, 5 three times again, then 6 three times.

Keyboard

In Keyboard mode the screen flips to landscape and a full keyboard appears on screen.

Simply touch each letter to write your message and press:

 to switch to upper case

Handwriting recognition

In Handwriting mode you simply write on the screen and your KS660 will convert your handwriting into your message. Select **Handwriting-Screen** or **Handwriting-Double Box** depending on your preferred view.


TIP! You may find it easier to use the stylus in this mode, please remember to press lightly to protect your screen from damage.

Handwriting recognition translates stylus gestures into letters, numbers or other character, and displays these characters as text. Handwriting recognition is only active where text can be entered.

Messaging

Setting up your email





You can stay in touch on the move using email on your KS660. It's quick and simple to set up a POP3 or IMAP4 email account.

- 1 Touch  then tap .
- 2 Select  then scroll menu to **Messaging settings**.
- 3 Touch **Email** then **Email accounts**.
- 4 Touch **Add account**.
- 5 Setup Wizard will help you set up your email settings.
- 6 You can check and edit settings by selecting the account in the list. You can also check the additional settings that were filled in automatically when you created the account.
- 7 You can change your default email account by touching Activate.



Retrieving your email

You can automatically or manually check your account for new emails.

To check manually:



- 1 Touch  then select  and .
- 2 Touch Mailbox.
- 3 Touch the account you want to use then .
- 4 Choose **Retrieve** and your KS660 will connect to your email account and retrieve your new messages.

Sending an email using your new account

- 1 Touch  in the  and a new email will open.
- 2 You can enter the recipient's address and write your message. You can also attach images, videos, sounds or other file types.
- 3 Touch **Send** and your email will be sent.

Changing your email settings

You can change your email settings according to your own preferences.

- 1 Touch  then select  .
- 2 Touch **Messaging settings and Email** and then you can adapt the following settings:

Allow reply Email - Choose to allow the sending of 'read, confirmation' messages.

Request reply Email - Choose whether to request read confirmation messages.

Retrieve interval - Choose how often your KS660 checks for new email messages.

Retrieve amount - Choose the number of emails to be retrieved at any one time.

Include message in Fwd & Reply - Choose to include the original message in your reply.

Include attachment - Choose to include the original attachment in any reply.

Auto Retrieval in Roaming -

Choose whether to retrieve your messages automatically or not.

New email notification - Choose whether to be alerted to new emails.

Signature - Create an email signature and switch this feature on.

Priority - Choose the priority level of your email messages.

Message folders

You'll recognise the folder structure used on your KS660, which is fairly self-explanatory.

Inbox - All the messages you receive are placed into your inbox. From here you can view, delete and more, see **Managing your messages** below for details.

Mailbox - All the emails you receive on your KS660 will be placed in your mailbox.

Messaging

Drafts - If you don't have time to finish writing a message, you can save what you've done so far here.

Outbox - This is a temporary storage folder while messages are being sent or stores the messages that are failed to sent.



Sent items - All the messages you have sent are placed in this folder.

My Folders - Create folders to store your messages.

Changing your text message settings

Your KS660 message settings are pre-defined so that you can send messages immediately. These settings can be changed according to your preferences.

TIP! To scroll through a list of options, touch the last item visible and slide your finger up the screen. The list will move up so more items are visible.

Touch  then choose **Messaging settings** on the . Select **Text message**. You can make changes to:

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

Delivery report - Slide the switch left to receive confirmation that your messages have been delivered.

Validity period - Choose how long your messages are stored at the message centre.




Message types - Convert your text into **Text, Voice, Fax, X.400** or **Email**.

Character encoding - Choose how your characters are encoded. This impacts the size of your messages and therefore data charges.

Send long text as - Choose to send long messages as Multiple SMS or as MMS.

Changing your multimedia message settings

Your KS660 message settings are pre-defined so that you can send messages immediately. These settings can be changed according to your preferences.

Touch , select  then . Choose **Messaging settings** and **Multimedia message**. You can make changes to:

Retrieval mode - Choose **Home** or **Roaming network**. If you then choose Manual you will receive only notifications of MMS and you can then decide whether to download them in full.

Delivery report - Choose to allow and/or request a delivery report.

Read report - Choose to allow and/or request a reply report.

Priority - Choose the priority level of your MMS.

Validity period - Choose how long your message is stored at the message centre.

Slide duration - Choose how long your slides appear on screen.

Creation mode - Choose your message mode.

Delivery time - Choose how long before a message is delivered.

Multi msg centre - Enter the details of your message centre.

Changing your other settings

Touch , choose **Messaging settings** on the  then:


Voicemail - Touch  to add a new Voicemail service. Contact your network operator for more information on the service they provide.

Service message - Choose to receive or block service messages. You can also set your message security by creating trusted and untrusted lists of senders.

Info. service - Choose your reception status, language and other settings.

Camera

Taking a quick photo

- 1 Short press the camera hot key on the right side of the phone.
- 2 the view finder will appear on screen.
- 3 Holding the phone horizontally, point the lens towards the subject of the photo.
- 4 Position the phone so you can see the subject of your photo in the preview screen.
- 5 When the camera has focused on your subject, either press the  on the side of the phone firmly or press the red box on the lower right of the screen to take the photo.

After you've taken your photo

Your captured photo will appear on screen. The name of the image runs along the bottom of the screen together with six icons down the right side.



Touch to move to your gallery.



Touch to send the photo as a message, e-mail or Bluetooth.



Touch to edit the photo.



Touch to set the picture you have taken as Wallpaper.

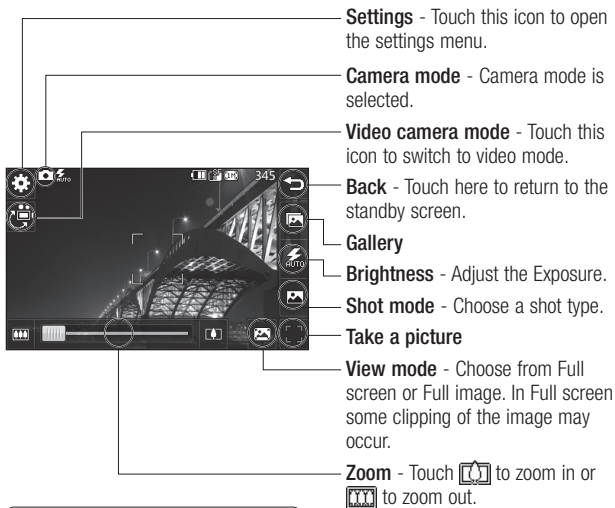


Touch to delete the photo you have just taken and confirm by touching **Yes**. The view finder will reappear.



Touch to take another photo straightaway. Your current photo will be saved.

Getting to know the view finder



TIP! You can bring up the options by tapping the screen. They auto turn off after a few seconds.

Camera

Choosing a shot type

1 Touch  to open the available shot types.


2 Choose from two options:

Normal shot - This is the default shot type, the photo will be taken in the normal way, as outlined in taking a quick photo.

Burst shot - This enables you to take 3/6/9 shots automatically in very quick succession.

Panorama - This shot type is great for taking a photo of a large group of people or for capturing a panoramic view.

Using the advanced settings

From the view finder touch  to open all the advanced settings options.

Preview settings

Exposure - Exposure defines the difference between light and dark (contrast) in an image. A low contrast image will appear foggy, whereas a high contrast image will appear much sharper.

Size - Change the size of the photo to save on memory space or take a picture preset to the correct size for contact.

Colour Effect - Choose a colour tone to apply to the photo you're taking.

White balance - Choose from Auto, Incandescent, Sunny, Fluorescent or Cloudy.

Macro - Switch on to take close up shots.

Self-timer - The self-timer allows you to set a delay after the capture button is pressed before the camera takes the picture. Choose from **Off**, **3 seconds**, **5 seconds** or **10 seconds**. Great for that group photo you want to be part of.

ISO - ISO determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera will be. This is useful in darker conditions when the flash can't be used.

Quality - Choose between **Super fine**, **Fine** and **Normal**. The finer the quality the sharper a photo will be, but the file size will increase. This means you'll be able to store fewer photos in your memory.

Other settings

Memory - Choose whether to save your photos to the Handset memory or to the External memory.

Image stabilization - Enables you to take a photo without camera instability or shake.

Focus - Select the way the camera will focus.


Shutter sound - Select one of the three shutter sounds.

Grid screen - Choose from Off, Simple cross or Trisection


Reset settings - Reset all the camera settings.

Changing the image size

The more pixels, the larger the file size, which in turn means they take up more of your memory. If you want to fit more pictures on to your phone you can alter the pixel number to make the file size smaller.

- 1 From the view finder touch  in the top left corner.
- 2 Select **Size** from the Preview menu.
- 3 Select a pixel value from the six numerical options (**5M: 2560x1920, 3M: 2048x1536, 2M: 1600x1200, 1M: 1280x960, 640x480, 320x240**).

Choosing a colour effect


- 1 From the view finder touch  in the top left corner.
- 2 Select **Colour Effect** from the Preview menu.
- 3 There are five colour tone options: **Off, Black & White, Negative or Sepia**.

Camera

- 4 When you've made your selection the colour tone menu will automatically close, ready for you to take your picture.






TIP! You can change a photo taken in colour to black and white or sepia after it's taken, but you cannot change a picture taken in black and white or sepia back to colour.

Viewing your saved photos

- 1 You can access your saved photo's from within the camera mode. Simply touch  and your gallery will appear on screen.

Video camera

Shooting a quick video

- 1 Press the camera key on the right side of the phone.
- 2 On the Camera preview mode touch the Video camera icon  in the view finder to switch to video mode. The video camera's viewfinder will appear on screen.
- 3 Holding the phone horizontally, point the lens towards the subject of the video.
- 4 Press the capture button once to start recording. Or press the red dot  at the bottom right of the screen.
- 5 **Rec** will appear at the top of the view finder and a timer at the bottom showing the length of your video.
- 6 To pause the video touch  and resume by selecting .
- 7 Touch  on screen or press the capture button second time to stop recording.

After you've shot your video

A still image representing your captured video will appear on screen. The name of the video runs along the bottom of the screen together with six icons down the right side .



Touch to play the video.



Touch to send the video as a **Message or Email** or by **Bluetooth**.



Touch to edit the video.



Touch to view a gallery of saved videos and images.



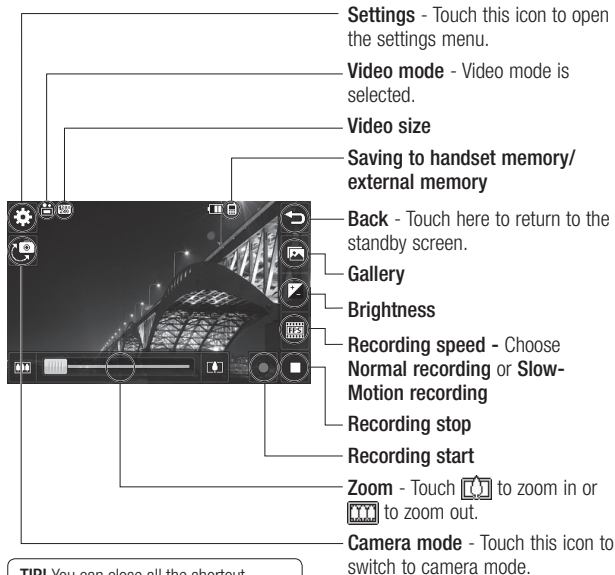
Touch to delete the video you have just captured and confirm by touching **Yes**. The view finder will reappear.



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

Video camera


Getting to know the view finder



TIP! You can close all the shortcut options for a clearer view finder screen. Simply touch the centre of the viewfinder once. To recall the options touch the screen again.

Adjusting the Exposure

Exposure defines the difference between light and dark (contrast) in an video. A low contrast image will appear foggy, whereas a high contrast video will appear much sharper.

- 1 Touch .
- 2 Slide the exposure indicator along the bar, left for a lower exposure, hazier video, or right for a higher contrast, sharper video.

Using the advanced settings

From the view finder touch  to open all the advanced settings options.

Preview settings

Video size - Change the size of the video to save on memory space as **720x480, 640x480, 400x240(W), 320x240 or 176x144.**

Colour Effect - Choose a colour tone to apply to the video you're taking.

White balance - The white balance ensures that any white in your videos is realistic. In order for your camera to correctly adjust the white balance you may need to determine the light conditions. Choose from **Auto, Incandescent, Sunny, Fluorescent** or **Cloudy.**

Quality - Choose between **Super fine, Fine** and **Normal.** The finer the quality the sharper a video will be, but the file size will increase as a result, which means you'll be able to store fewer videos in the phone's memory.

Set time - Set a duration limit for your video. Choose from **No limit,** or **MMS** to limit the size so that you can send the video as an MMS.

TIP! If you choose MMS duration, try choosing a lower image quality to enable you to shoot a longer video.

Video camera


Other settings

Memory - Choose whether to save your videos to the **Handset memory** or to the **External memory**.


Voice - Choose Mute to record a video without sound.

Reset settings - Reset all the video camera settings.

Choosing a colour tone




- 1 From the view finder touch  in the top left corner.
- 2 Select **Colour Effect** from the settings menu.
- 3 There are four colour tone options, **Off** (Normal), **Black & White**, **Negative**, **Sepia**.
- 4 Touch the colour tone you'd like to use.

Watching your saved videos

- 1 In the view finder touch .
- 2 Your gallery will appear on screen.
- 3 Touch the video you want to view once to bring it to the front of the gallery.
- 4 Touch the video a second time to open it fully.


Your photos and videos

Viewing your photos and videos



- 1 Touch  on your camera preview screen.
- 2 Your gallery will appear on screen.
- 3 Touch the video or photo twice to open it fully.
- 4 To play the video touch . To pause playback touch .

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


- 5 Touch the image then  to return to the gallery.
- 6 The image will be saved in your Media Album folder and appear in the gallery. You need to exit the gallery and then re-open it for this to appear.

 **WARNING:** Some functions will not work properly if the multimedia file has not been recorded on the phone.

Capturing an image from a video

- 1 Select the video you would like to capture an image from.
- 2 Touch  to pause the video on the frame you'd like to convert to an image and touch the right side of the screen to open the options menu.
- 3 From the options menu select .
- 4 The image will appear on screen, with its assigned image name.


Setting a photo as wallpaper

- 1 Touch the photo you would like to set as wallpaper twice to open it. Turn the phone to landscape.
- 2 Touch the right side of the screen to open the options menu.
- 3 Touch .
- 4 The screen will switch to portrait mode. You can then change the size of the picture.
- 5 When you are happy with the picture touch **Set**.

Your photos and videos

Editing your photos

There are loads of great things you can do to your photos to change them, add to them.

- 1 Open the photo you'd like to edit and touch  to bring up the options.
- 2 Touch the icons to adapt your photo:



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



Draw something on your photo freehand. Select the thickness of the line from the four options and the colour you would like to use.



Put writing on the picture.



Decorate your photo with stamps. Choose from the different stamps available and touch your photo wherever you'd like them to be.



Erase whatever you draw.



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



Undo the last **Effect** or edit you made to the photo.



Touch to open further effect options including **Rotate**. There are also more advanced editing options. See **Resize, Morphing, Colour Accent, Add images etc.**



Add an effect to a photo.




Touch to return to the gallery.

Adding text to a photo

- 1 From the editing screen, touch **T**.
- 2 Select **Signature** to add unframed text or choose one of the speech bubble shapes.
- 3 Enter your text using the keypad and touch **Save**.
- 4 Move the text by touching it and sliding it to the place you'd like it to be.

Adding an effect to a photo

1 From the editing screen, touch .

2 Choose to apply any of the six options to the photo:

Face beautify - Automatically detect a face in the image and brighten it up.


Tunnel effect - Lomo camera effect.

Colour negative - Colour negative effect.

Black and white - Black and white colour effect.

Sepia - Sepia effect.

Blur - Apply a blurred effect.

Sharpen - Move the marker along the bar to sharpen the focus of the photo. Select **OK** icon to apply the changes or choose  to cancel.

Mosaic blur - Touch to apply a blurred mosaic effect to the photo.

Oil painting - Oil painting effect.

Sketch - Apply an effect to make the picture look like a sketch.

Emboss - Emboss effect.

Solarise - Change the effect of exposure to the light

Vivid - An effect of clearness and brilliance.


Moonlight - Change the light to look like moonlight.


Antique - An old image effect.

Glow - A light beam effect.

Cartoon - A cartoon effect.

Water colour - A water color effect.

3 To undo an effect simply touch **Undo** .

 **WARNING:** The video editing mode is not supported for 640x480 and above resolutions.


Multimedia

You can store any multimedia files into your phone's memory so that you have easy access to all of your pictures, sounds, videos and games. You can also save your files to a memory card. The advantage of using a memory card is that you can free up space on your phone's memory.





To access the Multimedia menu, touch  then . Touch  to open a list of folders storing all of your multimedia files.

Pictures

My images contains a list of pictures including default images pre-loaded onto your phone, images downloaded by you and images taken on your phone's camera.

Touch  to change the view from thumbnail view to list view.





Sending a photo

- 1 Touch  then .
- 2 Touch  then choose **My images**.
- 3 Touch  **Send** and choose from **Message**, **Email** or **Bluetooth**.

- 4 If you choose **Message** or **Email**, your photo will be attached to a message and you can write and send the message as normal. If you choose **Bluetooth**, Bluetooth will be turn on automatically and your phone will search for a device to send the picture.

Using an image

You can choose images to use as wallpapers and screensavers or even to identify a caller.

- 1 Touch  then .
- 2 Touch  then **My images**.
- 3 Select an image and touch .
- 4 Touch **Use as** and choose from:


Wallpaper - Set a wallpaper for the standby screen.

Contacts image - Allocate an image to a particular person in your contacts list so that their picture shows when they call you.

Start up image - Set an image to appear when you switch the phone on.

Power off image - Set an image to appear when you switch the phone off.

Printing an image

- 1 Touch  then .
- 2 Touch  then **My images**.
- 3 Select an image and touch .
- 4 Touch **Print** then choose between **Bluetooth** and **PictBridge**.

TIP! You can print via bluetooth or by connecting to a PictBridge compatible printer.

Moving or copying an image





You can move or copy an image between the phone memory and the memory card. You might want to do this to either free up some space in one of the memory banks or to safeguard your images from being lost.

- 1 Touch  then .
- 2 Touch  then **My images**.
- 3 Touch  and select **Move** or **Copy**.
- 4 You can mark/unmark the images by tapping it sequentially. Mark the image that you want to move or copy and touch **Copy/Move**.

Sounds

The **My sounds** folder contains the **Downloaded sounds**, **Default sounds** and **Voice recordings**. From here you can manage, send or set sounds as ringtones.

Using a sound




- 1 Touch  then .
- 2 Touch  then **My sounds**.
- 3 Select **Default sounds** or **Voice recordings**.
- 4 Select a sound and it will begin to play.
- 5 Touch  and select **Use as**.
- 6 Choose from **Ringtone**, **Message tone**, **Start-up** or **Shut down**.

Multimedia


Videos

The **My videos** folder shows a list of downloaded videos and videos you have recorded on your phone.

Watching a video

- 1 Touch  then .
- 2 Touch  then **My videos**.
- 3 Select a video to play.

Sending a video clip

- 1 Select a video and touch .
- 2 Touch **Send** and choose from **Message**, **Email** or **Bluetooth**.
- 3 If you choose **Message** or **Email**, your video clip will be attached to the message and you can write and send the message as normal. If you choose **Bluetooth**, Bluetooth turns on automatically and your phone will search for a device to send the video.

Games and Applications




You can install new games and applications to your phone to keep you amused when you have time to spare.

Installing a game/application via local install

- 1 Touch  then .
- 2 Touch  and **Others** or My memory card if external memory is inserted.
- 3 Select the file(*.jad or *.jar) to install and press **Install** command. An application will be installed.

NOTE: The jad should contain its own jar.

Playing a game

- 1 Touch  then .
- 2 Touch  and **My games & Apps**.
- 3 Open the Games folder and choose and touch a game to launch.

Documents

From the Documents menu, you can view all of your document files. From here you can view Excel, Powerpoint, Word, Text and PDF files.




Transferring a file to your phone

Bluetooth is probably the easiest way to transfer a file from your computer to your phone. You can also use LG PC Suite via your sync cable.

To transfer using Bluetooth:

- 1 Make sure your phone and computer have Bluetooth switched on and are visible to one another.
- 2 Use your computer to send the file via Bluetooth.
- 3 When the file is sent you will have to accept it on your phone by touching **Yes**.
- 4 The file should appear in your **Documents** or **Others** folder.

Viewing a file

- 1 Touch  then .
- 2 Touch  then **Documents**.
- 3 Select a document and touch **View**.





Others

The **Others** folder is used to store files which are not pictures, sounds, videos, games or applications. It is used in the same way as the **Documents** folder.

You may find that when you transfer files from your computer to your phone that they appear in the **Others** folder rather than the **Documents** folder.








If this happens you can move them.

To move a file from **Others** to **Documents**:




- 1 Touch  then .
- 2 Touch  then **Others**.
- 3 Select a file and touch .
- 4 Touch **Move**, choose the destination folder from the list by touching the arrow icon. The screen will display **Moved** when the transfer is complete.

Multimedia

Creating a movie

- 1 Touch  then .
- 2 Touch  (Muvee studio).
- 3 Touch  to add an image.
Checkbox images you want to include then select **Insert** .
- 4 Touch style tab to choose a Muvee style.
- 5 Touch **Default sound** to change the sound.
- 6 Touch  to see what you've created.
- 7 Touch  then **Order** to make an order.
- 8 Touch  then **Save Location** to choose where to save the movie.

Music

Your LG KS660 has a built-in music player so you can play all your favourite tracks. To access the music player, touch  then  then . From here you can access a number of folders:

Recently played - View all of the songs you have played recently.

All tracks - Contains all of the songs you have on your phone.

Artists - Browse through your music collection by artist.

Albums - Browse through your music collection by album.

Genres - Browse through your music collection by genre.

Playlists - Contains all playlists you have created.

Shuffle tracks - Play your tracks in a random order.

Transferring music onto your phone








The easiest way to transfer music onto your phone is via Bluetooth or your sync cable.

You can also use LG PC Suite. To transfer using Bluetooth:

- 1 Make sure both devices have Bluetooth switched on and are visible to one another.
- 2 Select the music file on the other device and choose to send it via Bluetooth.

- 3 When the file is ready to be sent you should accept it on your phone by touching **Yes**.
- 4 The file should appear in **Music > All tracks**.

Playing a song

- 1 Touch  then .
- 2 Touch , then touch **All tracks**.
- 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 skip to the previous song.
- 7 Touch  to return to the **Music** menu.

Creating a playlist

You can create your own playlists by choosing a selection of songs from the **All tracks** folder.

- 1 Touch  then .
- 2 Touch , then touch **Playlists**.
- 3 Touch **Add new playlist**, enter the playlist name and touch **Save**.

- 4 The **All tracks** folder will show all the songs in your phone. Touch all of the songs that you would like to include in your playlist; a tick will show next to the track names.

- 5 Touch **Save**.

Using the radio

Your LG KS660 has an FM radio feature so you can tune into your favourite stations to listen to on the move.





NOTE: You will need to insert your headphones in order to listen to the radio. Insert them into the headphone socket (this is the same socket that you plug your charger into).

Searching for stations





You can tune radio stations into your phone by searching for them either manually or automatically. They will then be saved to specific channel numbers so you don't have to keep re-tuning. You can save up to 50 channels in your phone. You must first attach the headset to the phone as this acts as the antenna.

Multimedia

To auto tune:

- 1 Touch  then .
- 2 Touch  then .
- 3 Touch **Auto scan**. Then the stations will be automatically found and allocated to a channel in your phone.

Resetting channels

- 1 Touch  then .
- 2 Touch  then .
- 3 Choose **Reset** to reset the current channel or choose **Reset all** to reset all of the channels. Each channel will return to the starting 87.5Mhz frequency.




Organiser

Adding an event to your calendar




- 1 From the standby screen select , then touch  and choose . Select **Calendar**.
- 2 Select the date you would like to add an event to.
- 3 Touch  then **Add event**.
- 4 Touch **Category** then choose from **Appointment**, **Anniversary** or **Birthday**.
Check the date and enter the time you would like your event to begin.
- 5 For appointments and anniversaries enter the time and date your event finishes in the lower two time and date boxes.
- 6 If you would like to add a subject or a note to your event, touch **Note** and type in your note, followed by **Save**.
- 7 Set **Alarm** and **Repeat**.

- 8 Select **Save** and your event will be saved in the calendar. A square cursor will mark the day that any events have been saved to and a bell will ring at the start time of your event, so that you can stay organised.

Adding an item to your to do list

- 1 From the standby screen select , then touch  and choose .
- 2 Select **To do** and touch **Add To do**.
- 3 Set the date for the to do item, add notes and select a priority level: **High**, **Medium** or **Low**.
- 4 Save your to do list item by selecting **Save**.

Adding a memo




- 1 From the standby screen select , then touch  and choose . Select **Memo**.
- 2 Touch **Add memo**.
- 3 Type your memo, followed by **Save**.
- 4 Your memo will appear on screen next time you open the **Memo** application.

Organiser




Using date finder

Date finder is a handy tool to help you calculate what the date will be after a certain amount of days has passed. For example, 60 days from 10.10.07 will be 09.12.2007.

This is great for keeping tabs on deadlines.


- 1 From the standby screen select , then touch  and choose .
- 2 Select **Date finder**.
- 3 In the **From** tab set your required date.
- 4 In the **After** tab set the number of days.
- 5 The **Target date** will be shown below.

Setting your alarm

- 1 From the standby screen select , then touch  and choose .
- 2 Touch **Add alarm**.
- 3 Set the time you would like the alarm to sound and touch **Save**.

- 4 Choose whether you would like your alarm to repeat **Once, Daily, Mon - Fri, Mon - Sat, Sat - Sun, Except holiday** or **Choose weekday**.





The icons indicate the weekday you select.

- 5 Select **Alarm type** to select a type for your alarm.
- 6 Touch **Alarm tone** then to listen to sounds touch the sound, followed by .
- 7 Add a memo for the alarm. Touch **Save** when you have finished typing the memo.
- 8 Finally you can set the snooze interval at 5, 10, 20, 30 minutes, 1 hour or Snooze off.
- 9 Once you have set your alarm, touch **Save**.

NOTE: You can set up to 5 alarms.





TIP! Touch on/off icon on the right hand side of the alarm to set.

Adding a memo with drawing panel

- 1 From the standby screen select , then touch  and choose .
- 2 Touch **Add drawing**.
- 3 Draw your memo on the touch screen LCD followed by .
- 4 Your memo will appear on screen next time you open the **Drawing Panel** application.

Voice recorder

Use your voice recorder to record voice memos or other sounds.

- 1 Touch  then .
- 2 Touch  then  and **Settings** choose from:

Duration – Set the recording duration. Choose from **No limit**, **MMS message size** or **1 minute**.





Quality – Select the sound quality. Choose from Super Fine, Fine or Normal.

Memory in use – Choose **External memory** or **Handset memory**.

Recording a sound or voice




- 1 Touch  then touch .
- 2 Touch .
- 3 Touch  to begin recording.
- 4 Touch  to end recording.
- 5 Touch  to listen to your recording.

Using your calculator





- 1 From the standby screen select , then touch  and choose .
- 2 Select **Calculator**.
- 3 Touch the numeric keys to input numbers.
- 4 For simple calculations, touch the function you require (+, -, ×, ÷), followed by =.
- 5 For more complex calculations, touch  and choose from **sin**, **cos**, **tan**, **log**, **ln**, **exp**, **sqrt**, **deg** or **rad** etc..

Organiser




Converting a unit

- 1 From the standby screen select , then touch  and choose .
- 2 Select **Converter**.
- 3 Choose whether you would like to convert **Currency, Surface, Weight, Length, Temperature, Volume** or **Velocity**.
- 4 You can then select the unit, and enter the value you would like to convert from, followed by the unit you would like to convert to.
- 5 The corresponding value will appear on the screen.
Currency, Surface, Length, Weight, Temperature, Volume or **Velocity**.

Adding a city to your world time

- 1 From the standby screen select , then touch  and choose .
- 2 Select **World time**.
- 3 Touch the , followed by **Add city**. Start typing the name of the city you require and it will show at the top of the screen.




Using the stopwatch

- 1 From the standby screen select , then touch  and choose .
- 2 Select **Stopwatch**.
- 3 Touch **Start** to begin the timer.
- 4 Touch **Lap** if you want to record a lap time.
- 5 Touch **Stop** to end the timer.
- 6 Touch **Resume** to restart the stopwatch at the time you stopped it at, or touch **Reset** to begin the time again.

PC Sync

You can synchronise your PC with your phone to make sure all your important details and dates match, and also to backup your files to put your mind at ease.

Installing LG PC Suite on your computer

- 1 From the standby screen press  and select  and choose .
- 2 Select **USB connection mode** and choose.

PC internet

Mass storage

PC suite

Music sync

Always ask

- 3 Insert the supplied CD into your PC. Click on the **LG PC Suite Installer** which will appear on your screen.
- 4 Select the language you would like the installer to run in and click **OK**.
- 5 Follow the instructions on the screen to complete the LG PC Suite Installer wizard.

- 6 Once installation is complete, the LG PC Suite icon will appear on your desktop.

Connecting your phone and PC

- 1 Connect the USB cable to your phone and your PC.
- 2 Double click on the **LG PC Suite** icon on your desktop.
- 3 Click on **Connection Wizard**, then **USB**.
- 4 Click on **Next**, then **Next** again, then **Finish**.
Your phone and PC are now connected.

Backing up and restoring your phone's information

- 1 Connect your phone to your PC as outlined above.
- 2 Click on the **Backup** icon, and select **Backup** or **Restore**.
- 3 Mark the contents you would like to back up or restore. Select the location you would like to backup information to, or restore information from. Click **OK**.

PC Sync

- 4 Your information will be backed up or restored.

Viewing your phone files on your PC

- 1 Connect your phone to your PC as outlined previously.
- 2 Click on the **Contents** icon.
- 3 All of the documents, flash contents, images, sounds and videos you have saved onto your phone will be displayed on the screen in the LG Phone folder.

TIP! Viewing the contents of your phone on your PC helps you to arrange files, organise documents and remove contents you no longer need.

Synchronising your contacts

- 1 Connect your phone to your PC.
- 2 Click on the **Contacts** icon.
- 3 Your PC will now import and display all contacts saved to your SIM card and handset.

- 4 Click on **File** and select **Save**. You can now select where you would like to save your contacts to.

NOTE: To backup contacts saved to your SIM card, click on the SIM card folder on the left side of your PC screen. Select **Edit** at the top of the screen, then **Select all**. Right-click your contacts and select **Copy to contact**. Now click on the **Handset** folder on the left of your screen and all your numbers will be displayed.




Synchronising your messages

- 1 Connect your phone to your PC.
- 2 Click on the **Messages** icon.
- 3 All of your PC and phone messages will be displayed in folders on your screen.
- 4 Use the tool bar at the top of your screen to edit and rearrange messages.

Using your phone as Music Sync device

Your Phone can be used as Music Sync device to Sync Music Files only.

Music Sync can be done using Windows Media Player 10 / 11 and supports both Handset Memory and External Memory Card.


- 1 Disconnect your phone from your PC.
- 2 From the standby screen select , then touch .
- 3 Select  and then **USB connection mode**.
- 4 Touch **Music sync**.
- 5 Connect your phone to your PC.
Your phone will read: **Connecting as Music Sync ...** followed by **Disconnect Cable to Stop Music Sync**.

The web

Browser

Browser gives you a fast, full colour world of games, music, news, sport, entertainment and loads more, straight to your mobile phone. Wherever you are and whatever you're into.

Accessing the web

- 1 From the standby screen select , then touch  and choose .
- 2 To access the browser homepage directly, select **Home**. Alternately select **Enter address** and type in your desired URL, followed by **Connect**.

NOTE: An additional cost is incurred when connecting to this service and downloading content. Check your data charges with your network provider.

Adding and accessing your bookmarks

For easy and fast access to your favourite websites, you can add bookmarks and save web pages.


- 1 From the standby screen select , then touch  and choose .
- 2 Select **Bookmarks**. A list of your Bookmarks will appear on the screen.
- 3 To add a new bookmark, select  and touch **Add bookmark**. Enter a name for your bookmark followed by the URL.
- 4 Touch **Save**. Your Bookmark will now appear in the list of bookmarks.
- 5 To access the bookmark simply touch the bookmark and then touch **Connect**. You will be connected to your bookmark.

Using RSS reader

RSS (Really Simple Syndication) is a family of web feed formats used to publish frequently updated content such as blog entries, news headlines or podcasts. An RSS document, which is called a feed, web feed, or channel, contains either a summary of content from an associated web site or the full text.




RSS makes it possible for people to keep up with their favourite web sites in an automated manner that is easier than checking them manually. The user subscribes to a feed by entering the feed's link into the reader or by clicking an RSS icon in a browser that initiates the subscription process. The reader checks the user's subscribed feeds regularly for new content, downloading any updates that it finds.

Saving a page




- 1 Access your required webpage as described above.
- 2 Touch  and select **Save this page**.
- 3 Enter a name for the webpage so you can easily recognise it.
- 4 Touch **Save**.

TIP! This menu will also allow you to edit titles of saved pages, protect or unprotect the screen memo, and delete saved pages.

Accessing a saved page

- 1 From the standby screen select , then touch  and choose .
- 2 Select **Saved pages**.
- 3 Select the required page and it will open.

Viewing your browser history

- 1 From the standby screen select , then touch  and choose . Select **History**.
- 2 A list of web page titles you have accessed recently will be displayed. To access one of these pages, simply select the required page.

Changing the web browser settings

- 1 From the standby screen select , then touch  and choose . Select **Settings**.
- 2 You can choose to edit **Profiles**, **Appearance settings**, **Cache**, **Cookies**, **Security**, or to reset all settings, select **Reset Settings**.

The web

Using your phone as a modem

Your KS660 can be used as a modem for your PC, giving you email and internet access even when you can't connect using wires. You can use either the USB cable or Bluetooth.

Using the USB cable:

- 1 Ensure you have the LG PC Suite installed on your PC.
- 2 Connect your KS660 and your PC using the USB cable and launch the LG PC Suite software.
- 3 Click **Internet Kit** on your PC. Then click **New button** and select **Modem**.
- 4 Choose **LG Mobile USB Modem** and select **OK**. It will now appear on screen.
- 5 Write the Profile that can connect to the Internet and save the values.
- 6 The profile that you create will appear on your PC screen. Select it and click **Connect**. Your PC will connect through your KS660.


Using Bluetooth:

- 1 Ensure Bluetooth is switched **On** and **Visible** for both your PC and KS660.
- 2 Pair your PC and KS660 so that a passcode is required for connection.
- 3 Use the **Connection wizard** on your LG PC Suite to create an active Bluetooth connection.
- 4 Click **Internet Kit** on your PC. Then click **New button**.
- 5 Choose **LG Mobile USB Modem** and select **OK**. It will now appear on screen.
- 6 Write the Profile that can connect to the Internet and save the values.
- 7 The profile that you create will appear on your PC screen. Select it and click **Connect**. Your PC will connect through your KS660.

Settings

Within this folder you can adapt your settings to make your KS660 personal to you.

Using Dual SIM-card menu



To select or change the SIM-card, press  and tap the , then select .

Copy your contacts between your SIM cards(SIM1 or SIM2) and your handset.




Personalising your profiles

You can quickly change your profile on the standby screen. Simply touch the status summary bar on the top and touch the profile tab.

Using the settings menu you can personalise each profile setting.

- 1 Press  and then choose .
- 2 Touch **Profiles** and then choose the profile you want to edit.
- 3 You can then change all of the sounds and alert options available in the list.

Changing your screen settings

- 1 Touch  then choose .
- 2 Touch  and then choose from:

Wallpaper - Choose the theme for your standby screen.

Top Menu - Choose the style of the top menu.

Dialling - Adjust the number size and colour.

Font - Adjust the font size.

Backlight - Choose how long the backlight remains ON.

NOTE: The longer the backlight is on for, the more battery power is used and you may need to charge your phone more often.

Brightness - Adjust the screen brightness.

Greeting message - Choose on or off and fill in the greeting message.

Start-up/Shut down - Choose the image for your start-up/shut down screen.




- 3 Touch **Save** to save your settings.

Settings

Changing your phone settings

Enjoy the freedom of adapting how your KS660 works to your own style.

TIP! To scroll through a list of options, touch the last item visible and slide your finger up the screen. The list will move up so more items are visible.

- 1 Touch  then choose .
- 2 Touch  then choose from the list below.

Date & time - Adjust your date and time settings or choose to auto update the time when you travel or for daylight saving.

Power save - Choose to switch the factory set power saving settings **On** or **Off**.

Languages - Change the language of your KS660's display.

Auto key lock - Lock the keypad automatically in standby screen.

Security - Adjust your security settings, including PIN codes, handset lock, change codes and Anti theft Mobile tracker.

Memory manager - you can use memory manager to determine how each memory is used.

Reset settings - Reset all the settings to their factory definitions.


Information - View the technical information for your KS660.

TIP! Anti-theft Mobile tracker (ATMT)

- Touch **Security** and **ATMT**. When the handset is stolen, handset sends the SMS to the numbers configured by real owner. User has to configure the ATMT settings with Owner Name, Alternate no (1), Alternate no (2) etc. Default ATMT code is "000000"
- ATMT SMS will contain information about the stolen phone IMEI, current location & number of the person who is using that handset.

Changing your connectivity settings

Your connectivity settings have already been set up by your network operator, so you can enjoy your new phone from the off. If you want to change any settings, use this menu.

Touch  then .
Select .

Network settings

Select Network - If you set to **Automatic**, KS660 automatically searches for the network and registers the handset to the network. This is recommended for best service and quality.

If you set to **Manual** all the currently available networks are shown and you can select one of them for registration. If the registration of the network has failed, the network lists are listed again and you can select any other one for registration.

NOTE: When your handset loses the network in manual mode, the popup message to select the available network will be shown on the Idle screen.

Preferred lists - If the network is searching automatically, you can add a preferred network to be connected to.

Internet profile - This menu shows the Internet profiles. You can create new profiles, delete or edit them by using the Option Menu. However, you cannot delete or edit default configurations depending on country variant.

Access points - Your network operator has already saved this information. You can add new access points using this menu.

Packet data conn. - Choose when your device should be connected to network for packet data.

Settings

USB connection mode - Choose Data service and synchronise your KS660 using the LG PC Suite software to copy files from your phone. If you use Music sync with Windows Media Player, select Music sync in this menu. Music sync is only available for music content.

TV out - Choose PAL or NTSC for connecting to a TV.

Using memory manager

Your KS660 has three memories available: the phone, the SIM Card and an external memory card (you may need to purchase the memory card separately).

You can use memory manager to determine how each memory is used and see how much space is available.

Touch  followed by . Select  then **Memory Manager**.

Handset common memory - View the memory available on your KS660 for Pictures, Sounds, Video, Flash, MMS, Email, Java applications and others.

Handset reserved memory - View the memory available on your handset for SMS, Contacts, Calendar, To do list, Memo, Alarm, Call history, Bookmarks and Miscellaneous items.

SIM(SIM1/SIM2) memory - View the memory available on your SIM Card.

External memory - View the memory available on your external memory card (you may need to purchase the memory card separately).

Primary storage setting - Choose the location you prefer items to be saved to.

Sending and receiving your files using Bluetooth

Bluetooth is a great way to send and receive files as no wires are needed and connection is quick and easy. You can also connect to a Bluetooth headset to make and receive calls.

To send a file:

- 1 Open the file you want to send, typically this will be a photo, video or music file.

- 2 Choose **Send**.
Choose **Bluetooth**.
- 3 If you have already paired the Bluetooth device, your KS660 will not automatically search for other Bluetooth devices. If not, your KS660 will search for other Bluetooth enabled devices within range.
- 4 Choose the device you want to send the file to and touch **Select**.
- 5 Your file will be sent.





TIP! Keep an eye on the progress bar to make sure your file is sent.

To receive a file:

- 1 To receive files your Bluetooth must be both **On** and **Visible**. See Changing your Bluetooth settings on the right for more information.
- 2 A message will prompt you to accept the file from the sender. Touch **Yes** to receive the file.

- 3 You will see where the file has been saved and you can choose to **View** the file or **Use as wallpaper**. Files will usually be saved to the appropriate folder in your Media Album.

Changing your bluebooth settings:

- 1 Touch  and choose .
- 2 Choose  then touch  and choose **Settings**.

Make your changes to:

My device visibility - Choose to be **Visible** or **Hidden** or **Visible for 1 min**.

My device name - Enter a name for your KS660.

Supported services - Choose how to use Bluetooth in association with different services.

My address - Show your Bluetooth address.

Settings

Pairing with another Bluetooth device

By pairing your KS660 and another device, you can set up a passcode protected connection. This means your pairing is more secure.

- 1 Check your Bluetooth is **On** and **Visible**. You can change your visibility in the **Settings** menu.
- 2 Touch **Search**.
- 3 Your KS660 will search for devices. When the search is completed **Refresh** will appear on screen.
- 4 Choose the device you want to pair with and enter the passcode, then touch **OK**.
- 5 Your phone will then connect to the other device, on which you should enter the same passcode.
- 6 Your passcode protected Bluetooth connection is now ready.

Using a Bluetooth headset

- 1 Check your Bluetooth is **On** and **Visible**.
- 2 Follow the instructions that came with your headset to place your headset in pairing mode and pair your devices.
- 3 Touch **Ask before connect** or **Always connect** and touch **Yes** to Connect now. Your KS660 will automatically switch to Headset profile.

Accessories

These accessories are supplied with KS660.

Charger



Battery



Stereo headset



Data cable and CD

Connect and synchronise your KS660 and PC.



User Guide

Learn more about your KS660.



NOTE:

- Always use genuine LG accessories.
- Failure to do this may invalidate your warranty.
- Accessories may be different in different regions; please check with our regional service company or agent for further inquiries.

Protection Film



⚠ WARNING: When the protection film is attached on touch window, touch sensitivity might be decreased.

Network service

The wireless phone described in this guide is approved for use on the GSM 900, DCS 1800 and, PCS 1900 network.

A number of features included in this guide are called Network Services. These are special services that you arrange through your wireless service provider. Before you can take advantage of any of these Network Services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider.

Technical data

General

Product name: KS660

System: GSM 900 / DCS 1800 /
PCS 1900

Ambient Temperatures

Max: +55°C (discharging),
+45°C (charging)

Min: -10°C

Declaration of Conformity



LG Electronics

Suppliers Details

Name

LG Electronics Inc

Address

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

Product Details

Product Name

E-GSM 900 / DCS 1800 / PCS 1900 Tri Band Terminal Equipment

Model Name

KS660

Trade Name

LG

CE 0168

Applicable Standards Details

R&TTE Directive 1999/5/EC

EN 301 489-01 v1.6.1 / EN 301 489-07 v1.3.1 / EN 301 489-17 v.1.2.1

EN 300 328 V 1.7.1

EN 60950-1 : 2001

EN 50360/EN 50361 : 2001

EN 301 511 V9.0.2

Supplementary Information

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

BABT, Balfour House, Churchfield Road, Walton-on-Thames, Surrey, KT12 2TD, United Kingdom

Notified Body Identification Number : 0168

Declaration

I hereby declare under our sole responsibility that the product mentioned above to which this declaration relates complies with the above mentioned standards and Directives

European Standard Center
LG Electronics Logistics and Services B.V.
Veluwezoom 15, 1327 AE Almere, The Netherlands
Tel : +31 - 36 - 547 - 8940, Fax : +31 - 36 - 547 - 8794
e-mail : jacob @ lge.com

Name

Issued Date

Seung Hyoun, Ji / Director

12. Jan. 2009

Signature of representative

Guidelines for safe and efficient use

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

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information This mobile phone model KS660 has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardised methods with the phone transmitting at its highest certified power level in all used frequency bands.
- While there may be differences between the SAR levels of various LG phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.
- The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) is 2W/kg averaged over 10g of tissue.
- The highest SAR value for this model phone tested by DASY4 for use at the ear is 0.793 W/kg (10g) and when worn on the body is 0.674 W/Kg(10g).
- SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the Institute of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over 1g of tissue.

Product care and maintenance

WARNING

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

- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- Keep away from electrical appliances such as TVs, radios, and personal computers.
- The unit should be kept away from heat sources such as radiators or cookers.
- Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- Switch off the phone in any area where you are required by special regulations. For example, do not use your phone in hospitals as it may affect sensitive medical equipment.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock and can seriously damage your phone.
- Do not charge a handset near flammable material as the handset can become hot and create a fire hazard.
- Use a dry cloth to clean the exterior of the unit (do not use solvents such as benzene, thinner or alcohol).
- Do not charge the phone when it is on soft furnishings.
- The phone should be charged in a well ventilated area.
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object as it may damage the phone.
- Do not expose the phone to liquid or moisture.

Guidelines for safe and efficient use

- Use the accessories like earphones cautiously. Do not touch the antenna unnecessarily.
- Pull off the road and park before making or answering a call if driving conditions so require.

Efficient phone operation

Electronics devices

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

- Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over pacemakers, for example, in your breast pocket.
- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs, etc.
- RF energy may affect some electronic systems in your vehicle such as car stereos and safety equipment.
- When your vehicle is equipped with an air bag, do not obstruct with installed or portable wireless equipment. It can cause the air bag to fail or cause serious injury due to improper performance.
- If you are listening to music whilst out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is particularly imperative when near roads.

Road safety

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

- Do not use a hand-held phone while driving.
- Give full attention to driving.
- Use a hands-free kit, if available.

Avoid damage to your hearing

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

Glass Parts

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

Blasting area

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

Potentially explosive atmospheres

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

In aircraft

Wireless devices can cause interference in aircraft.

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

Children

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

Emergency calls

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

Battery information and care

- You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.

Guidelines for safe and efficient use

- Use only LG batteries and chargers. LG chargers are designed to maximize the battery life.
- Do not disassemble or short-circuit the battery pack.
- Keep the metal contacts of the battery pack clean.
- Replace the battery when it no longer provides acceptable performance. The battery pack maybe recharged hundreds of times until it needs replacing.
- Recharge the battery if it has not been used for a long time to maximize usability.
- Do not expose the battery charger to direct sunlight or use it in high humidity, such as in the bathroom.
- Do not leave the battery in hot or cold places, this may deteriorate the battery performance.
- There is risk of explosion if the battery is replaced by an incorrect type.
- Dispose off used batteries according to the manufacturer's instructions. Please recycle when possible. Do not dispose as household waste.
- If you need to replace the battery, take it to the nearest authorized LG Electronics service point or dealer for assistance.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.
- Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.

Trouble Shooting

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

Message	Possible causes	Possible Corrective measures
SIM error	There is no SIM card in the phone or you may have inserted it incorrectly.	Make sure that the SIM card is correctly inserted.
No connection to the network	Signal weak Outside GSM network	Move higher to a window or open space. Check service provider coverage map.
Codes do not match	When you want to change a security code you have to confirm the new code by entering it again. The two codes that you have entered do not match.	Contact your Service Provider.
Function cannot be set	Not supported by Service Provider or registration required	Contact your Service Provider.
Calls not available	Dialling error New SIM card inserted Charge limit reached	New network not authorised. Check for new restrictions. Contact Service Provider or reset limit with PIN 2.
Phone cannot be switched on	On/Off key pressed too briefly Battery empty Battery contacts dirty	Press On/Off key for at least two seconds. Charge battery. Check charging indicator in the display. Clean contacts.

Trouble Shooting

Message	Possible causes	Possible Corrective measures
Charging error	Battery totally empty	Charge battery.
	Temperature out of range	Make sure the ambient temperature is right, wait for a while, and then charge again.
	Contact problem	Check power supply and connection to the phone. Check the battery contacts, clean them if necessary.
	No mains voltage	Plug in to a different socket or check voltage.
	Charger defective	If the charger does not warm up, replace it.
	Wrong charger	Only use original LG accessories.
	Battery defective	Replace battery.
Phone loses network	Signal too weak	Reconnection to another service provider is automatic.
Number not permitted	The Fixed dial number function is on.	Check settings.

Memo

[illegible]

[illegible]