



KM555R User Guide



P/N : MMBB0360208 (1.0)

LG ELECTRONICS INC.

KM555R User Guide

ENGLISH

Bluetooth QD ID B015952



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



## KM555R User Guide

Congratulations on your purchase of the advanced and compact KM555R phone by LG, designed to operate with the latest digital mobile communication technology.

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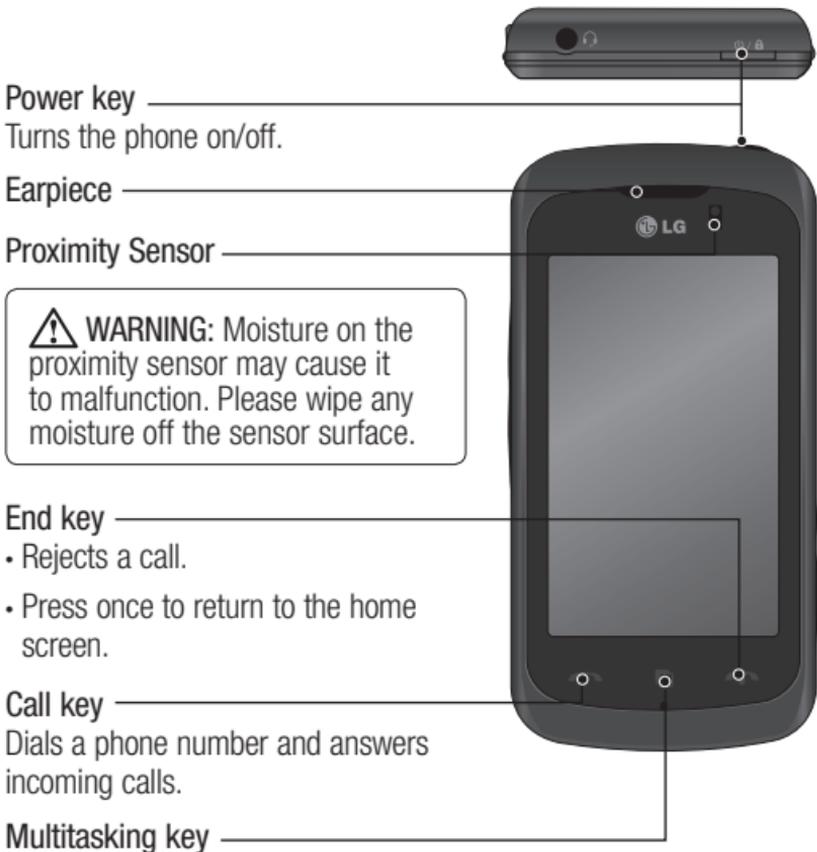
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## Getting to know your phone



**⚠ WARNING:** Moisture on the proximity sensor may cause it to malfunction. Please wipe any moisture off the sensor surface.

**⚠ WARNING:** Putting a heavy object on the phone or sitting on it can damage its LCD and touch screen functionality. Do not cover the protection film on proximity sensor of LCD. It can be caused the malfunction of sensor.



Music key

Camera key

- Go to the camera menu directly by pressing and holding the key.



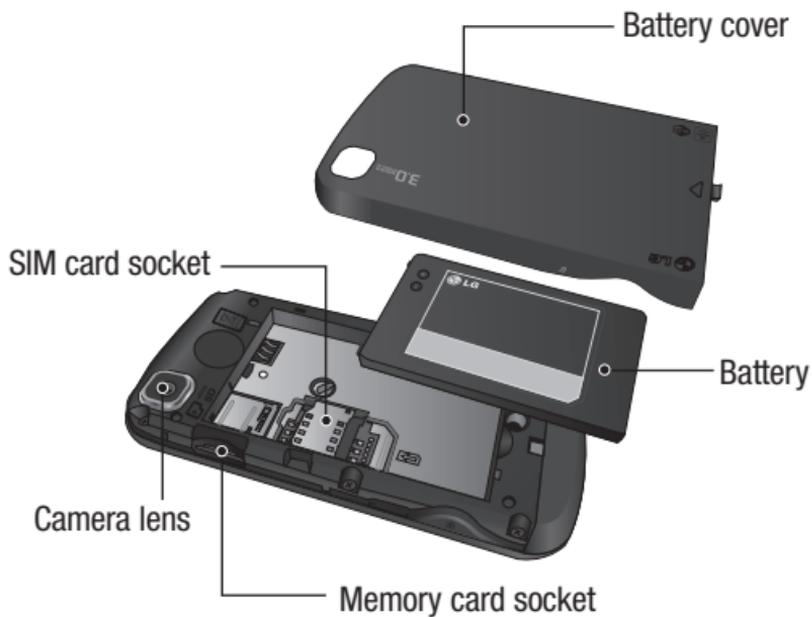
Volume keys

- When the screen is idle: key tone volume.
- During a call: earpiece volume.
- When playing a track: controls volume continuously.

Charger, Data cable (USB cable)

**TIP:** Before connecting the USB cable, wait until the phone has powered up and has registered on the network.

## Open view



# Installing the SIM and battery

## 1 Remove the battery cover

Press and hold down the battery release button on the top of the phone and lift off the battery cover.



## 2 Remove the battery

Hold the top edge of the battery and lift it away from the battery compartment.



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

## 3 Install the SIM card

Slide the SIM card into the SIM card holder. Make sure the gold contact area on the card is facing downwards. To remove the SIM card, pull it gently in the outwards.



## Installing the SIM and battery

### 4 Install the battery

First insert the top of the battery into the top edge of the battery compartment. Ensure that the battery contacts align with the phone's terminals. Press the bottom of the battery down until it clips into place.



## Charging your phone

- 1 Ensure the battery is fully charged before using the phone for the first time.
- 2 With the arrow facing you as shown in the diagram push the plug on the travel adapter into the socket on the side of the phone until it clicks into place.
- 3 Connect the other end of the travel adapter to the main socket. Use only the charger included in the box.
- 4 The moving bars of battery icon will stop after charging is complete.

**NOTE:** The battery must be fully charged initially to improve battery lifetime. Disregard the first “Battery full” message and keep the phone on charge overnight.



## Memory card

### Installing a memory card

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

**NOTE:** A memory card is an optional accessory.

Slide the memory card into the slot at the top, until it clicks into place. Make sure the gold contact area is facing downwards.



## Your home screen

From this screen you can access menu options, make a call, view the status of your phone and much more.

- Whenever your KM555R is not in use, it will return to the lock screen.

### Touch screen tips

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

To select an item, touch the centre of the icon.

- Do not to press too hard; the touchscreen is sensitive enough to pick up on a light, firm touch.
- Use the tip of your finger to touch the option you require. Be careful not to touch any other keys.
- When the screen light is off, either press the power key or hold down the Unlock/Lock key on the touch screen to return the home screen.

## Customising the home screen

1. Widget home screen (active) ——— 3. Contact home screen

2. Livesquare screen ———



## Quick keys

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



Touch to bring up the touch dialing pad, which lets you make a call. Enter the number using the normal key pad and touch **call** icon.



Touch to open your contacts. To search for the number you want to call: Enter the name of the contact using the touchpad. You can also create new contacts and edit existing ones.



Touch to access the **Messaging** menu. From here you can create a new SMS.



Touch to open the full Top menu which is divided into four categories.

# Your standby screen

## The status bar

The status bar uses various icons to indicate things like signal strength, new messages and battery life.

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
	An alarm is set
	My Profile in use
	Normal profile in use
	Outdoor profile in use
	Silent profile in use
	Headset profile in use

Icon	Description
	Calls are forwarded
	EDGE in use
	Roaming
	Flight mode is on
	Bluetooth is active
	BGM play
	BGM pause

## 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.

## 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.

# 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 to initiate the call.
- 4 To end the call press the  hard key.

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

**TIP!** To bring up the keypad during a call, press the .

## Making a call from your contacts

- 1 From the standby screen touch  to open the contacts.
- 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 .

## In-call options

 **Hold** - Touch this icon to put a call on hold.

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

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

 **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**.

# Calls

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

 - Choose to add another person to the call.

 - Choose to search your contacts during a call.

## Adjusting the call volume

To adjust the volume during a call, use the up and down button on the left edge of the phone.

## Speed dialing

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

- 1 From the standby screen touch  and select .
- 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 contacts 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 **Name** field box and enter the first letter of the name of the contact required.

## 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 .  
Choose to view:

**All** - View a complete list of all your dialled, received and missed calls.

**Dialed** - View a list of all the numbers you have called.

**Received** - View a list of all the numbers that have called you.

**Missed** - View a list of all the calls you have missed.

**TIP!** From any call log touch  and **Delete all** to delete all the recorded items.

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

## Using call forward

- 1 Touch , select .
- 2 Touch **Call forward**.
- 3 Choose whether to forward all calls, when the line is busy, when there is no answer or when you are not reachable.
- 4 Touch "To voice mail centre" or "To other number"
- 5 Input the number you'd like to forward to.
- 6 Touch **Request** to activate.

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

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

# Calls

## Using call barring

- 1 Touch , select .
- 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.

## Changing the common call setting

- 1 Touch , select .
- 2 Touch **Common settings**. 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, 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**.

**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.

**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.

# 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 contacts. Select the contact from the list that you want to make a call.
- 2 Touch the  hard key to initiate the call.

### From the main menu

- 1 Touch , select .
- 2 Select **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.

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

## Adding a new contact

- 1 From the standby screen touch  and touch  and select **Add contact**.
- 2 Choose whether to save the contact to your **Handset** or **SIM**.
- 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**.
- 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 other informations.
- 8 Touch **Save** to save the contact.

## Contact options

There are many things you can do when viewing a contact. Here's how to access and use the options menu:

- 1 Open the contact you'd like to use.
- 2 You can call or send a message directly from here.
- 3 Press  to open the list of options.

**Delete** - Delete the contact. Touch **Yes** if you are sure.

**Copy or Move to SIM / Handset** - Choose to move or copy to the SIM card or handset (depending on where you originally saved the contact).

# Contacts

**Send business card** - Send the contact's details to another person as a business card. Choose to send as a **Text message**, **Multimedia message** or via **Bluetooth**.

## **TIP! Send a message**

- Send a message to the contact. If the contact has an email address, select whether you'd like to send an email or Message.

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

**TIP!** You can edit an existing group by highlighting it and touching . Choose **Add members** to the group from your contacts, assign a Group ringtone, Rename the group or Delete a group.

## **Creating a group**

- 1 Touch  and select .
- 2 Select **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**.

## **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  and select **Settings**.
- 3 From here you can adjust the following settings:

**Contact list settings** - Choose whether to view contacts saved to both your **Handset & SIM**, Handset only or SIM only.

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

**Copy** - Copy your contacts from your SIM to your handset or from your handset to your SIM. 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 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 and Restore contacts** - Backup and restore contacts to the Memory Card.

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

# Messaging

## Messaging

Your KM555R 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 Or Touch  from the standby screen, then select .

## Sending a message

- 1 Touch **New message** to open a blank message.
- 2 From here you can send an SMS or MMS.

 **WARNING:** You will be charged per page and per 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.

**TIP!** Quick reply - Send a reply promptly to the selected message using a template.

## Entering 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 language.

 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

In T9 mode you will see .

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 will see .

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.

# Messaging

## Keyboard

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

**TIP!** Keyboard mode predicts and shows what you will type in next. These words are predicted based on the sentences you have typed in so far. If you do not wish to use the suggested words, keep typing in new words. If you wish to use the suggested words, press the space bar to confirm them.

**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.

**Note:** Most letters can be written using different stroke styles. See the tables below. The position on the screen decides case, not the style.

## Handwriting recognition

In Handwriting mode you simply write on the screen and your KM555R will convert your handwriting into your message. Select Handwriting **Screen** or **Box** or **Double box** depending on your preferred view.

## Alphabet

If you select capital letter mode (ABC), letters you type will be inserted as capital letters even if you write in small letters, and vice versa.

Letter	Strokes
A	A A' a a'
B	B B' b b'
C	C C
D	D D' d d'
E	E E' e e'
F	F F' f f'
G	G G' g g'
H	H H' h h'
I	I I' i i'
J	J J' j j'
K	K K' k k'
L	L l l'

Letter	Strokes
M	M M' m m'
N	N N' n n'
O	O O' o o'
P	P P' p p'
Q	Q Q' q q'
R	R R' r r'
S	S S
T	T T' t t'
U	U U' u u'
V	V V'
W	W W' w w'
X	X X'
Y	Y Y' y y'
Z	Z Z'
B	B

# Messaging

## Numbers

Numbers are written above the arrow.

Number	Strokes
0	0 0
1	1 1 <sub>1</sub> 1 1 1
2	2 2 2
3	3 3
4	4 4 4 4
5	5 5 <sub>1</sub> 5 <sub>2</sub> 5
6	6
7	7 7 7 <sub>2</sub> 7
8	8 8 8 8
9	9 9 9 9

## Message folders

You'll recognize the folder structure used on your KM555R, 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.

**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 and failed messages are stored here.

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

**My Folders** - Create folders to store your messages.

## Managing your messages

You can use your Inbox to manage your messages.

**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 select .
- 2 Select **Inbox**.
- 3 Touch  and then choose to:  
**Delete** - Delete marked messages.

**Threaded view** - Displays all the messages received from a particular number in one screen.

**Create new message** - Open a new blank message.

**Move to my folders** - Move the marked messages to My folders.

**Filter** - View your message by type. This will group SMS separately from MMS.

**Delete all** - Delete all of the messages.

If you see the message **No space for SIM messages** you should delete some messages on the SIM.

If you see the message **No space for messages** you should delete some messages to free up memory space.

# Messaging

## Using templates

Create templates for the SMS and MMS messages you send most frequently. You'll find some templates already on your phone, you can edit these if you wish.

- 1 Touch  then choose **Templates**.
- 2 Choose **Text templates** or **Multimedia templates**. You can then touch  to **Add new**, **Delete** or **Delete all** templates.
- 3 Touch **Add template** to create a new template.
- 4 You can view the template by selecting it on the list and edit it by touching on the view screen.

## Using emoticons

Liven up your messages using emoticons. You'll find some commonly used emoticons already on your phone.

- 1 Touch  then choose **Emoticons**.
- 2 Touch  to **Add new**, **Delete** or **Delete all** emoticons.

## Changing your text message settings

Your KM555R 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 **Settings** on the **Communication** menu. 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 KM555R message settings are pre-defined so that you can send messages immediately. These settings can be changed according to your preferences.

Touch . Choose **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 read report.

## Messaging

**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 **Settings** on the **Communication** menu:

**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 Service security by creating trusted and untrusted lists of senders.

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

# Taking Photo

## Taking a quick photo

- 1 Press and hold the  key on the right side of the phone.
- 2 The viewfinder 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, press the  on the side of the phone firmly.

## 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.

 Touch to send the photo as a message, Media Album or Bluetooth or Blogger.

 Touch to use the picture you have taken as Home screen, Contacts image, Start-up image or Shut down image.

 Touch to edit the photo.

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

## Adjusting the Zoom

- 1 Touch .
- 2 Slide the zoom indicator along the bar.

## Adjusting the 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.

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

# 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.

**Three / Six / Nine** - This enables you to take 3/6/9 shots automatically in very quick succession.

## Selecting view mode

- 1 Touch .
- 2 Choose from **Full screen** or **Full image**. In Full screen some clipping of the image may occur.

## Using the advanced settings

From the viewfinder touch  to open all the advanced settings options.

### Preview settings

**Size** - Change the size of the photo to save on memory space.

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

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

**Night mode** - Useful to use at dark place.

**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 **3 seconds**, **5 seconds** or **10 seconds**. Great for that group photo you want to be part of.

**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.

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

**Show captured image** - Select ON/OFF for showing the captured image.

**Hide icons** - Select how to display the icons.

**Shutter sound** - Select one of the three shutter sounds.

**Grid screen** - Choose from Off, Simple cross or Trisection.

**Noise reduction** - Use this feature to reduces the noise.

**Reset settings** - Reset all the camera settings.

**TIP!** When you exit the camera all your settings will return to default, except image size and image quality. Any non-default settings you require will need to be reset, for example colour tone. Check them before you shoot your next photo.

# 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 and hold down the 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 viewfinder 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 a second time to stop recording.

## After you've shot your video

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



Touch to play the video.



Touch to send the video as a **message**, **Bluetooth** or **YouTube**.



Touch to edit the video.

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

## Adjusting the Zoom

- 1 Touch .
- 2 Slide the zoom indicator along the bar.

## Adjusting the 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.

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

## Changing the video image size

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

- 1 Select  from the Preview menu.
- 2 Select a pixel value from the two options:  
 320x240 - Large image size, therefore larger file size.  
 176x144 - Small image size and therefore smaller file size.
- 3 Select the size option you'd like to use.

# Video camera

## Selecting view mode

- 1 Touch .
- 2 Choose from Full screen or Full image. In Full screen some clipping of the image may occur.

## Using the advanced settings

From the viewfinder touch  to open the settings options.

### Preview settings

**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.

**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.

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

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

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

**Hide icons** - Select how to display the icons.

**Reset settings** - Reset all the video camera settings.

## Media

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  to open a list of folders storing all of your multimedia files.

### Pictures

**Images** contain 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  then select List view to change the view from thumbnail image to list.

### Images option menu

The options which are available to you in **Images** depend on what type of image you have selected. All of the options will be available for pictures you have taken on the phone's camera, but only the **Sort by, phone's camera, but only the Sort by, Search**, options are available for default images.

**Send** - Send the image to a friend.

**Move** - Move an image from the phone memory to a memory card or vice versa.

**Copy** - Copy an image from the phone memory to a memory card or vice versa.

**Delete** - Delete an image.

**Rename** - Rename an image.

**Print** - Print the selected image using a printer.

**Slide show** - Start a slide show.

**List/Grid view** - Grid view to List view or vice versa.

**Delete all** - Delete all of your images.

# Media

## Sending a Images

- 1 Touch .
- 2 Touch  then choose **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**, you will be prompted to turn Bluetooth on and your phone will search for a device to send the picture to.

## Using an image

You can choose images to use as wallpapers, contact image, start up image or shut down image.

- 1 Touch .
- 2 Touch  then **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.

**Shut down image** - Set an image to appear when you switch the phone off.

## Printing an image

- 1 Touch .
- 2 Touch  then **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.

## Sounds

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

**NOTE:** The copyright of music files can be protected by international treaties and national copyright laws. It may be necessary to obtain permission or a license to reproduce or copy music. In some countries national law prohibits private copying of copyrighted material. Before downloading or copying the file, please check the national legislation of the applicable country concerning the use of such material.

## Using a sound

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

## Videos

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

### Watching a video

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

# Media

## Using options while video is paused

Touch  while in pause mode and choose from:

**Capture** - Capture the frozen frame as a picture.

**Send** - Send the video in a message, E-mail, Bluetooth or via Youtube.

**Delete** - Delete the video.

**Edit** - Edit the video.

**File info.** - View the Name, Size, Date, Time, Type, Duration, Protection and Copyright details.

## Editing a video clip

- 1 Select a video.
- 2 Touch  then.
- 3 Touch **Edit** and choose from:

**Trim** - Cut the video down to only part you want.

**Video merge** - Merge the video with another video clip.

**Image merge** - Merge the video with an image from your Images folder.

**Text overlay** - Add text to the video.

**Image overlay** - Add an image to the video.

**Audio dubbing** - Choose to add sound from the **Defaults folder** or from your own **Voice recordings**.

**Voice recording** - Add a voice recording

**Time scaling** - Use this feature to increase / decrease the playing speed of the video.

## Sending a video clip

- 1 Select a video and touch .
- 2 Touch **Send** and choose from Message, Email, Bluetooth or YouTube.

- 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**, you will be prompted to turn Bluetooth on and your phone will search for a device to send the video to.

### Using the video options menu

From the **Videos** folder, you can choose from the following options:

**Send** - Send a video to a friend.

**Move** - Move a video clip from the phone memory to a memory card or vice versa.

**Copy** - Copy a video clip from the phone memory to a memory card or vice versa.

**Delete** - Delete a video.

**Rename** - Rename a video.

**Sort by** - Sort videos into order by Date, Type or Name.

**List/Grid view** - Grid view to List view or vice versa.

**Delete all** - Delete all videos.

### Games and Applications

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

**TIP!** To Enter the **Facebook, MySpace, Twitter** application, touch  and select **Games & Apps** then choose **Applications** and **Social Networking**.



# Media

## Documents

Select mystuff then select Documents. From the Documents menu, you can view all of your document files.

## Transferring a file to your phone

Bluetooth is probably the easiest way to transfer a file from your computer to your phone.

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

## Using the radio

Your LG KM555R 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.

## 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.

### To auto tune:

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

**NOTE:** You can also manually tune into a station by using  and  displayed next to the radio frequency. If you press and hold  and , the stations will be automatically found.

### Resetting channels

- 1 Touch .
- 2 Touch  then .
- 3 Choose Reset channel 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.

### Listening to the radio

- 1 Touch .
- 2 Touch  then touch the channel number of the station you would like to listen to.

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

# Organizer

## Adding an event to your calendar

- 1 From the standby screen select , then touch .  
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 to assign for your event.
- 5 For appointments and anniversaries enter the time and date.
- 6 If you would like to add a subject to your event, touch **Subject** and type in your note, followed by **Save**.
- 7 Set **Alarm** and **Repeat**.
- 8 Select **Save** then 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 organized.

**TIP!** You can set a holiday in your calendar. Touch each day you are on holiday one at a time, then touch  and select **Set holiday**.

## Changing your default calendar view

- 1 From the standby screen select , then touch . Select **Settings**.
- 2 Touch **Calendar Settings** and choose either **Monthly view** or **Weekly view**.
- 3 Set **week starts on**.
- 4 Touch **Save** to confirm your choice.

## Adding an item to your to do list

- 1 From the standby screen select , then touch .
- 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**.

**TIP!** You can edit the or an item by selecting it, and touch the tab and input. Confirm your amends by selecting **Save**.

## Setting your alarm

- 1 From the standby screen select , then touch .
- 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.

## Organizer

- 6 Touch **Alarm bell** then choose.  
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 off.
- 9 Once you have set your alarm, touch **Save**.

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

## Voice recorder

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

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

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

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

## Recording a sound or voice

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

# Settings

Within this folder you can adapt your settings to make your KM555R personal to you.

## Changing your screen settings

1 Touch  then choose .

2 Select from:

**Wallpaper** - Choose the theme for your standby screen.

**Top Menu** - Choose the style of the top menu.

**Dialing** - Adjust the colour.

**Font** - Adjust the font size.

**Backlight** - Choose how long the backlight remains on for.

**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.

## Changing your phone settings

Enjoy the freedom of adapting how your KM555R 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.

# Settings

- 1 Touch .
- 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 **Off**, **Night only** and **Always on**.

**Languages** - Change the language of your KM555R's display.

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

**Security** - Adjust your security settings, including PIN code request, Change codes, ATMT and handset lock.

**Memory info** - See the memory status.

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

**Information** - View the technical information for your KM555R.

## Using memory information

Your KM555R 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 information to determine how each memory is used and see how much space is available.

Touch . Select  then **Memory info**.

### Handset common memory

- View the memory available on your KM555R for Pictures, Sounds, Video, Flash, MMS, Email, Java 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 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 settings** - 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 required and short connection time. 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 KM555R will not automatically search for other Bluetooth devices. Otherwise, your KM555R will search for other Bluetooth enabled devices within range.
- 4 Choose the device where you want to send the file.
- 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.

# Settings

- 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 My stuff.

## Changing your bluebooth settings:

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

Make your changes to:

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

**My device name** - Enter a name for your KM555R.

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

**Remote SIM Mode** - Turn on or off.

**My address** - Show your Bluetooth address.

## Pairing with another Bluetooth device

By pairing your KM555R with 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 KM555R 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 You passcode protected Bluetooth connection is now ready.

## Installing LG PC Suite on your computer

- 1 From the standby screen press  and choose .
- 2 Select **USB connection** mode and choose **PC suite**.
- 3 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 completed, the LG PC Suite icon will appear on your desktop.

## 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 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.

## Wi-Fi

Wireless Manager allows you to manage Internet connections per Wi-Fi (Wireless LAN) on your device.

It allows the phone to connect to local wireless networks. Wi-Fi is faster and has a greater range than Bluetooth wireless technology and can be used for fast emailing and Internet browsing.

**NOTE:** The KM555R supports WEP, WPA and WPA2 encryption, and not EAP, WPS encryption. If your Wi-Fi service provider or network administrator sets encryption for network security, fill in the key in the pop-up window. If encryption is not set, this popup window will not be shown.

You can obtain the key from your Wi-Fi service provider or network administrator.

## Phone Software update

### LG Mobile Phone Software Update Program

For more information on installing and using this program, please visit <http://update.lgmobile.com>.

This feature allows you to update your software to the latest version quickly and conveniently.

The mobile phone software update program requires the user's undivided attention for the duration of the update process. Please be sure to check any instructions and notes that appear at each step before proceeding. Also note that removing the USB data communication cable or batteries during the update may seriously damage your mobile phone. The manufacturer takes no responsibility for loss of data during the update process. You are advised to record any important information in advance for safekeeping.

## Quick guide for phone software update



Download LG mobile support Tool to PC and execution



\* Click 'Start upgrading' (If USB Driver is installed, connect your phone to PC via USB cable.)



\* After selecting phone model, Install USB Drive



Connect Phone via USB cable to PC

## Preparation and Remarks

- Fully charge the battery.
- Saved user information through PC Sync before upgrading your firmware.
- Close PC Sync/applications before proceeding with the update.
- Calling and messaging functions are not available during the update process.
- Remove the SD card.
- Do not disconnect the USB cable until the update is completed.
- The handset is automatically reset during this process.

## Accessories

These accessories were supplied with KM555R.

Charger



Data cable



Battery



Stereo headset



### 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.

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

## Ambient Temperatures

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

Min : -10°C

# For Your Safety

## Important Information

This user guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment.

## Before You Start

### Safety Instructions



#### **WARNING:**

To reduce the possibility of electric shock, do not expose your phone to high humidity areas, such as the bathroom, swimming pool, etc.

## **Always store your phone away from heat.**

Never store your phone in settings that may expose it to temperatures less than 32°F or greater than 104°F, such as outside during extreme weather conditions or in your car on a hot day. Exposure to excessive cold or heat will result in malfunction, damage and/or catastrophic failure.

## **Be careful when using your phone near other electronic devices.**

RF emissions from your mobile phone may affect nearby in adequately shielded electronic equipment. You should consult with manufacturers of any personal medical devices such as pacemakers and hearing aides to determine if they are susceptible to interference from your mobile phone.

Turn off your phone in a medical facility or at a gas station. Never place your phone in a microwave oven as this will cause the battery to explode.

**IMPORTANT!** Please read the TIA SAFETY INFORMATION on page 108 before using your phone.

## Safety Information

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
- Never place your phone in a microwave oven as it will cause the battery to explode.
- Do not dispose of your battery by fire or with hazardous or flammable materials.
- Make sure that no sharp-edged items come into contact with the battery. There is a risk of this causing a fire.
- Store the battery in a place out of reach of children.
- Be careful that children do not swallow any parts such as rubber plugs (earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation.
- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.

## For Your Safety

- Do not use a hand-held phone while driving.
- Do not use the phone in areas where its use is prohibited. (For example: aircraft).
- Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.
- Never store your phone in temperatures less than - 4°F or greater than 122°F.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- Do not drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.
- Do not use your phone in high explosive areas as the phone may generate sparks.
- Do not damage the power cord by bending, twisting, pulling, or heating.
- Do not use the plug if it is loose as it may cause a fire or electric shock.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause fire or electric shock.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

- Only use the batteries, antennas, and chargers provided by LG.  
The warranty will not be applied to products provided by other suppliers.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
- Do not hold or let the antenna come in contact with your body during a call.
- An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

## **Memory card information and care**

- Always insert/ remove the memory card while the handset power is off. If you remove it while the power is on, it may be damaged.
- If a damage cannot be fixed, format the memory card.
- The memory card cannot be used for recording copyright protected data.
- Do not write forcefully on the memo area.
- Carry and store the memory card in its case.
- Do not allow the memory card to get wet.
- Do not leave the memory card in extremely hot location.
- Do not disassemble or modify the memory card.

# For Your Safety

## FCC RF Exposure Information



### **WARNING:**

Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies.

The design of this phone complies with the FCC guidelines and these international standards.

## **CAUTION**

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with skin, a minor burn may result. Contact your local dealer for a replacement antenna.

## **Body-worn Operation**

This device was tested for typical body-worn operations with the back of the phone kept 0.79 inches (2cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2cm) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar

accessories containing metallic components should not be used.

Body-worn accessories that cannot maintain 0.79 inches (2cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

### **Vehicle Mounted External Antenna (optional, if available)**

A minimum separation distance of 8 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements. For more information about RF exposure, visit the FCC website at [www.fcc.gov](http://www.fcc.gov)

### **FCC Part 15 Class B Compliance**

This device and its accessories comply with part 15 of FCC rules and Class B digital apparatus requirements for ICES-003. Operation is subject to the following two conditions:

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

### **Cautions for Battery**

- Do not disassemble.
- Do not short-circuit.
- Do not expose to high temperature: 60°C (140°F).
- Do not incinerate.

## Battery Disposal

- Please dispose of your battery properly or bring to your local wireless carrier for recycling.
- Do not dispose in fire or with hazardous or flammable materials.

## Adapter (Charger) Cautions

- Using the wrong battery charger could damage your phone and void your warranty.
- The adapter or battery charger is intended for indoor use only.

Do not expose the adapter or battery charger to direct sunlight or use it in places with high humidity, such as the bathroom.

## 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.
- 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 attempting to cross the street.

# Safety Guidelines

## TIA Safety Information

Provided herein is the complete TIA Safety Information for Wireless Handheld phones. Inclusion of the text covering Pacemakers, Hearing Aids, and Other Medical Devices is required in the owner's manual for CTIA Certification. Use of the remaining TIA language is encouraged when appropriate.

## Exposure to Radio Frequency Signal

Your wireless handheld portable telephone is a lowpower radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones.

Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) \*

NCRP Report 86 (1986)

ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

\* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

The design of your phone complies with the FCC guidelines (and those standards).

# Safety Guidelines

## Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

## Phone Operation

**NORMAL POSITION:** Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

## Tips on Efficient Operation

For your phone to operate most efficiently:

- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

## Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving - driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions so require.

## Electronic Devices

Most modern electronic equipment is shielded from RF signals.

However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

## **Pacemakers**

The Health Industry Manufacturers Association recommends that a minimum separation of six (6') inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

## **Hearing Aids**

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

## **Other Medical Devices**

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

## **Health Care Facilities**

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

# Safety Guidelines

## Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

## Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

## Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

## Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a 'blasting areas or in areas posted: 'Turn off two-way radio'. Obey all signs and instructions.

## Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, marked clearly.

Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or

particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

### **For Vehicles Equipped with an Air Bag**

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

### **Safety Information**

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all the times after reading it.

### **Charger and Adapter Safety**

- The charger and adapter are intended for indoor use only.

### **Battery Information and Care**

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- The battery does not need to be fully discharged before recharging.
- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or impact the battery as it may cause electric shock, short-circuit, and fire. Store the battery in a place out of reach of children.
- Keep the battery's metal contacts clean.

## Safety Guidelines

- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, MEdia Net Browsing, and data connectivity kits affect battery life and talk/standby times.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.
- Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.

## Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.
- When using the power plug, ensure that it is firmly connected. If it is not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.

- Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.

## General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Centre to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Centre.
- Do not paint your phone.

## Safety Guidelines

- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ring tone to vibration so as not to disturb others.
- Do not turn your phone on or off when putting it in your ear.

### FDA Consumer Update

The U.S. Food and Drug Administration Centre for Devices and Radiological Health Consumer Update on Mobile Phones.

### 1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other

researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

## **2. What is the FDA's role concerning the safety of wireless phones?**

Under the law, the FDA does not review the safety of radiation emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, the FDA

has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

## Safety Guidelines

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration (Administración de la seguridad y salud laborales)
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the

FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

### **3. What kinds of phones are the subject of this update?**

The term 'wireless phone' refers here to handheld wireless phones with built-in antennas, often called 'cell', 'mobile', or 'PCS' phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the

short distance between the phone and the user's head. These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called 'cordless phones,' which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

#### **4. What are the results of the research done already?**

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments

investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer causing chemicals so as to be predisposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health. Three

## Safety Guidelines

large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures.

However, none of the studies can answer questions about longterm exposures, since the average period of phone use in these studies was around three years.

### **5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?**

A combination of laboratory studies and epidemiological

studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors

affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

## **6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?**

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). The FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment

of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues. The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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### **7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?**

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures.

The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove

heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (<http://www.fcc.gov/oet/rfsafety>) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

### **8. What has the FDA done to measure the radiofrequency energy coming from wireless phones?**

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists

and engineers. The standard, 'Recommended Practice for Determining the Spatial- Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques,' sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissuesimulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

## **9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?**

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless

## Safety Guidelines

phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

### **10. What about children using wireless phones?**

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by

other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

### **11. What about wireless phone interference with medical equipment?**

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure electromagnetic interference

(EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses

a 'compatible' phone and a 'compatible' hearing aid at the same time. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

## **12. Where can I find additional information?**

For additional information, please refer to the following resources:

FDA web page on wireless phones  
(<http://www.fda.gov/cdrh/phones/index.html>)

Federal Communications Commission (FCC) RF Safety Program  
(<http://www.fcc.gov/oet/rfsafety>)

## Safety Guidelines

International Commission  
on Non-Ionizing Radiation  
Protection  
(<http://www.icnirp.de>)

World Health Organization  
(WHO) International EMF Project  
(<http://www.who.int/emf>)

National Radiological Protection  
Board (UK)  
(<http://www.nrpb.org.uk/>)

### 10 Driver Safety Tips

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

When operating a car, driving is your first responsibility.

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

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a handsfree device. A number of handsfree wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the

- road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
  5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a “to-do” list while driving a car, you are not watching where you are going. It is common sense. Don’t get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
  6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip — dial only a few numbers, check the road and your mirrors, then continue.
  7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

## Safety Guidelines

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations — with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a “Good Samaritan” in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special wireless nonemergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

For more information, please call to 888-901-SAFE, or visit our website [www.wow-com.com](http://www.wow-com.com)

## **Consumer Information on SAR (Specific Absorption Rate)**

### **This Model Phone Meets the Government's Requirements for Exposure to Radio Waves.**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. \*

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

## Safety Guidelines

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 1.24 W/kg and when worn on the body, as described in this user's manual, is 0.61 W/kg. (Body-worn measurements differ among phones models, depending upon available accessories and FCC requirements.) While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID BEJKM555R.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.wow-com.com>

\* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

\* Product meets current FCC &  
IC Radio Frequency Exposure  
Guidelines.  
FCC ID BEJKM555R,  
IC ID: 2703C-KM555

## Troubleshooting

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.

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

## Troubleshooting

MESSAGE	POSSIBLE CAUSES	POSSIBLE CORRECTIVE MEASURES
Number not permitted	The Fixed dial number function is on.	Check settings.
LCD Dimming	Low battery When the battery is empty, the LCD screen will be dimming to reduce the power supply.	Recharge the battery.
The screen does not turn on when I receive a call.	Proximity sensor problem	The proximity sensor is detecting an obstacle in front of the screen and turns off the screen to avoid accidental keypresses.  Make sure that the area around the proximity sensor is clean and perform a calibration of the sensor.

# Gracenote®

## Gracenote® End User License Agreement

This application or device contains software from Gracenote, Inc. of Emeryville, California (“Gracenote”). The software from Gracenote (the “Gracenote Software”) enables this application to perform disc and/or file identification and obtain music-related information, including name, artist, track, and title information (“Gracenote Data”) from online servers or embedded databases (collectively, “Gracenote Servers”) and to perform other functions. You may use Gracenote Data only by means of the intended End-User functions of this application or device.

You agree that you will use Gracenote Data, the Gracenote Software, and Gracenote Servers for your own personal non-commercial use only. You agree not to assign, copy, transfer or transmit the Gracenote Software or any Gracenote Data to any third party.

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## Gracenote®

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# Gracenote®

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Version 20061005

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