



User Guide



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Actual color of the phone may vary.

Bluetooth QD ID B016134

Your phone is designed to make it easy for you to access a wide variety of content. For your protection, we want you to be aware that some applications that you enable may involve the location of your phone being shared. For applications available through AT&T, we offer privacy controls that let you decide how an application may use the location of your phone and other phones on your account. However, the AT&T privacy tools do not apply to applications available outside of AT&T. Please review the terms and conditions and the associated privacy policy for each location-based service to learn how location information will be used and protected. In addition, your AT&T phone may be used to access the Internet and to download, and/or purchase goods, applications, and services from AT&T or elsewhere from third parties. AT&T provides tools for you to control access to the Internet and certain Internet content. These controls may not be available for certain devices which bypass AT&T controls.

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS :

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

1. The limited warranty for the product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.
2. The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.
3. This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S, including Alaska, Hawaii, U.S. Territories and Canada.
4. The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.
5. Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.
6. The customer shall bear the cost of shipping the product to the Customer Service Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER :

1. Defects or damages resulting from use of the product in other than its normal and customary manner.
2. Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.
3. Breakage or damage to antennas unless caused directly by defects in material or workmanship.
4. That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.
5. Products which have had the serial number removed or made illegible.
6. This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of marketability or fitness for a particular use.
7. Damage resulting from use of non-LG approved accessories.
8. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

- 9. Products operated outside published maximum ratings.
- 10. Products used or obtained in a rental program.
- 11. Consumables (such as fuses).

3. WHAT LG WILL DO:

LG will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent reconditioned, refurbished or new units or parts or any units. In addition, LG will not re-install or back-up any data, applications or software that you have added to your phone. It is therefore recommended that you back-up any such data or information prior to sending the unit to LG to avoid the permanent loss of such information.

4. STATE LAW RIGHTS :

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG INFOCOMM INC. SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusive of limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

5. HOW TO GET WARRANTY SERVICE :

To obtain warranty service, please call or fax to the following telephone numbers from anywhere in the continental United States:

Tel. 1-800-793-8896 or Fax. 1-800-448-4026

Or visit www.lgeservice.com.

Correspondence may also be mailed to:

LG Electronics MobileComm U.S.A., Inc.

201 James Record Road Huntsville, AL 35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS.

Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.



LG PRIME

User Guide

Table of Contents

Your Phone	6	In-Call Menu	24
Phone Components	6	During a Call	24
Rear View	7	Making a Second Call	24
Getting Started	8	Swapping Between Two Calls	24
Installing the SIM Card and Battery	8	Answering an Incoming Call	24
Installing a Memory Card	10	Rejecting an Incoming Call	25
On-Screen Icons	11	Muting the Microphone	25
Touch Calibration	12	Using the Speakerphone	25
General Functions	13	Conference Calls	25
Making a Call	13	Making a Second Call	26
Answering a Call	14	Setting Up a Conference Call	26
Adjusting the Volume	14	Activate the Conference Call on Hold	26
Setting the Volume	15	Adding Calls to the Conference Call	26
Entering Text	16	Private Call in a Conference Call	26
Address Book	20	Ending a Conference Call	26
Contact List	20	Your Standby Screen	27
New Contact	21	Touch Screen Tips	27
Caller Groups	22	The Quick Keys	28
Speed Dial	22	Home Screen	29
Management	23	Menu Tree	30
Service Numbers	23	Communication	31
My Numbers	23	New Message	31
		Editing a message	31
		Message folders	35

Inbox	35
Conversation View	35
Standard View	36
Drafts	36
Outbox	36
Voicemail	37
Message Settings	37
Message Alert	37
Save to	37
Signature	37
Text Message	38
Multimedia Message	38
Voicemail Number	38
Service Message	38
Mobile Email	39
AT&T Social Net	40
 Mobile Web	 41
Mobile Web	41
Menus for the Browser	41
Using the WAP Browser Menu	41
Bookmarks	43
Saved Pages	43
Recent Pages	43
 AppCenter	 44
App Center	44
Ringtones	44
Games	44

Color Graphics	44
Cool Tools/Apps	45
Videos	45
MEdia Net Home	45
 AT&T Music	 46
Music Player	46
Playing Music	46
Adding Music To Your Handset	47
Purchasing and downloading Music directly to your Device	48
Transferring Music using your PC	48
Transferring Music from the Digital Music Service ...	49
Transferring Music using Windows Media Player ...	49
Drag and Drop Music Using LG GS390 As A Mass Storage Device	50
Changing USB Connection Settings	51
Always ask mode	51
Deleting Music Files	51
Additional Music Services	52
 IM	 53
Offline Menu	53
IM Information	54
Online Menu / 1-to-1 conversation	54
General Options	54
Menu options available in the Conversation screen ...	56

Multimedia	58
Camera	58
Take Photo	58
Record Video	61
Album	63
My Stuff	64
Audio	64
Memory Card	64
Other Files	64
Pictures	65
Video	65
Tools	65
FM Radio	65
Voice Recorder	66
Voice Command	67
Alarm Clock	69
Calendar	70
Notepad	70
Calculator	70
World Clock	71
Tasks	72
Stopwatch	73
Tip Calculator	73
Unit Converter	73
Video	74

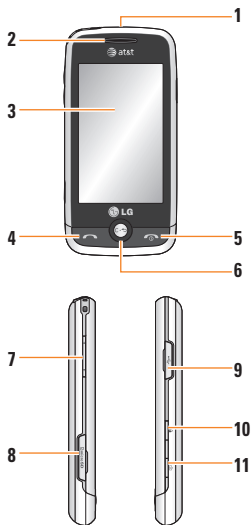
Games and Apps	75
Games	75
Applications	75
Shop Applications	75
Mobile Banking	75
My-Cast Weather	76
Pocket Auctions	76
Browser	76
Settings	77
Audio & Ringtones	77
Shop Tones	77
Ringtone	77
Message Tone	77
Alert Tone	78
Keypad Tone	78
Power On/Off Tones	78
Phone Settings	78
Date & Time	78
Languages	79
Auto Key Lock	79
Set Flight Mode	79
Security	80
Reset Settings	81
Display	81
Shop Wallpapers	81
Wallpapers	81
Fonts	81
Brightness	81
Backlight Timer	81
Themes	82

Touch	82
Call	83
Call Forwarding	83
Send My Number	83
Auto Redial	83
Answer Mode	84
Minute Minder	84
Call Waiting	84
Call Reject	84
Send DTMF Tones	85
TTY	85
Hearing Aid	85
Time & Cost	85
Connection	85
Bluetooth®	85
Start Up Guide	88
Memory	88
Applications Settings	89
Messaging	89
Browser	89
Voice Command	91
Phone Information	92
 Q&A	 93
 Accessories	 94
 For Your Safety	 95
 Safety Guidelines	 100

Glossary	118
Index	120

Your Phone

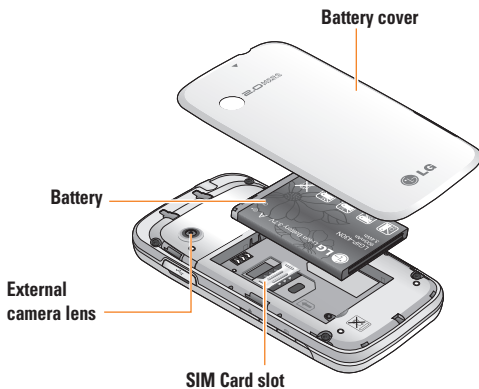
Phone Components



- 1. Headset Connector:** Allows you to connect a handsfree or stereo headset.
- 2. Earpiece:** Lets you hear the caller and automated prompts.

- 3. Main LCD:** Displays phone status icons, menu items, web items, web information, pictures and more in full color. You can select menu items by touching the corresponding icons on the touchpad.
- 4. SEND Key:** Press this key in standby mode to quickly access the most recent missed, dialed, and received calls.
- 5. END / Power Key:** Ends or rejects a call. Turns the phone on/off. Press once to return to the standby screen.
- 6. Clear Key**
- 7. Side Volume Keys**
- **When on the Standby screen:** Allows you to set the Ringtone and Touchtone volume. Hold the down volume key to toggle the Vibrate Only Mode On and Off.
 - **During a call:** Allows you to change the earpiece volume.
 - **When playing background music:** Allows you to change the music volume.
- 8. microSD™ memory card socket**
- 9. Charger/USB Port**
- 10. Lock/Unlock key**
- 11. Camera Key:** Press to start the Camera function. Press and hold to start the Video Camera function.

Rear View



Getting Started

Installing the SIM Card and Battery

1. Remove the battery cover

Press down on the battery cover and slide it towards the bottom of the phone. Then lift the battery cover off.



2. Remove the battery

Hold the top edge of the phone and use the fingernail cutouts to lift the battery from the phone.

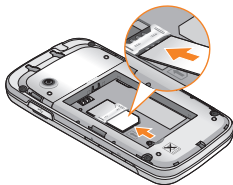


⚠ Warning

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

3. Install the SIM card

Please make sure the battery is removed from the phone before installing the SIM card. Slide the SIM card into the SIM card slot. Make sure that the gold contact area on the card is facing downwards. To remove the SIM card, pull it gently in the opposite direction.



4. Install the battery

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



Important!

You must insert the battery before charging.



! Warning

Use of unauthorized accessories could damage your phone and void your warranty.

Charging your phone

Lift the charger port cover on the right side of your LG GS390. Insert the charger connector to the phone (ensure that side 'B' of the connector is facing up) and then plug the other end into the wall socket. Your LG GS390 will need to be charged until you receive a 'Battery Full' notification.

Installing a Memory Card

You can expand the memory available on your phone by using a microSD™ memory card. The LG GS390 will support up to a 16 GB microSD™ memory card.

❗ Tip

A memory card is an optional accessory.

- 1 Lift the memory card cover and insert a microSD™ card with the gold contact area facing the back side of the phone. Close the memory card cover.




















❗ Note

If your memory card has existing content it will automatically be filed in the correct folder. For example, videos will be accessible from the Videos folder. If your memory card has protected content (i.e. content such as songs or graphics with Digital Rights Management copywriting loaded from another device), it will not be accessible. You may need to reformat the memory card prior to using it with this device.


On-Screen Icons

The table below describes various display indicators or icons that appear on the phone's display screen.

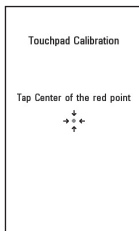
ICON/ INDICATOR	DESCRIPTION
	No network signal
	Battery empty
	New text message
	New email
	An alarm is set
	Normal profile in use
	Silent profile in use
	Edge in use
	Bluetooth® is active
	The browser is active

ICON/ INDICATOR	DESCRIPTION
	Vibration mode
	Speakerphone
	Call in Progress
	Voicemail
	Battery Full
	Battery Charging
	Flight Mode

Touch Calibration

Set your touch screen for ease of use. To calibrate your touch screen, from the Standby screen, touch , then , and select **Touchpad Calibration**.






- ▶ Press the '+' markers to calibrate the screen.






- ▶ Once you've finished calibrating your screen, you can either touch **Yes** to save the settings or **No** to return to the Settings menu.

General Functions




Making a Call

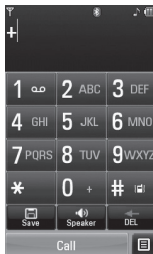
1. Make sure your phone is powered on.
2. Touch  and enter a phone number using the touch dialpad. To edit a number on the display screen, simply press the  key to erase one digit at a time.
 - ▶ Press and hold the  key to erase the entire number.
3. Press the  [SEND] key to call the number. Or touch  on the touch pad.

Making a Call with the History


1. Press the  [SEND] key, and the most recent missed, dialed and received phone numbers will be displayed.
2. Touch the call entry.
3. Press the  [SEND] key or touch .

Making International Calls

1. When entering a phone number, touch and hold  on the dialpad, the '+' character will appear.
2. Enter the country code, area code and the phone number.
3. Press the  [SEND] key to call the number. Or touch  on the dialpad.





Ending a Call

When you have finished a call, press the  [END] key.






Making a Call from the Address Book

You can store frequently called names and phone numbers in the SIM card as well as in the phone memory.

You can dial a saved number easily. Touch  to open the Address Book, touch the contact entry and press the  [SEND] key.

Answering a Call

When you receive a call, the phone rings according to your Ringtone volume settings and the call notification appears on the screen. If the caller can be identified, the caller's phone number (or name, if stored in your Address Book) is displayed.

1. Press the  [SEND] or unlock the screen and touch . If Any Key has been set as the Answer Mode, you will be able to answer the call by pressing  [SEND] or .
2. End the call by pressing the  [END] key.

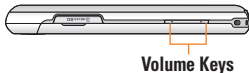
Note

You can answer a call while using the Address Book or other menu features.

Adjusting the Volume

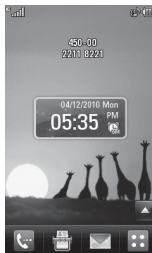
During a call, if you want to adjust the earpiece volume, use the side volume keys of the phone.

From the Standby screen, you can adjust the Ringtone volume using the side volume keys.



Setting the Volume

From the Standby screen, press either of the side volume keys. You can set your Ringtone.

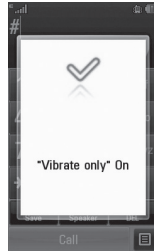



You can also adjust the feedback your phone gives when you touch/tap the touchscreen. Touch the **Touch** tab, then set the sound and vibration settings.



Shortcut to Vibration Only Mode

Vibration Only Mode can be activated by touching and holding **#*#** from the dial pad. You can also set Vibration Mode by pressing and holding down side volume key as well.



The phone will display The phone will display **Vibrate only On**. If you would like to turn Vibration mode Off, touch and hold  again.


Signal Strength

If you are inside a building, being near a window may give you better reception. You can see the strength of your signal by the signal indicator on your phone's display screen.

Entering Text


You can enter alphanumeric characters by using the phone's touch pad. For example, storing names in the Address Book, writing a message or scheduling events in the calendar all require text to be entered.

Changing the Text Input Mode

You can change the text input mode by touching pressing the Text Input Mode toggle button  on the touch screen.

The following text input modes are available on the phone.


Using the Symbol Mode

The Symbol Mode enables you to enter various symbols or special characters. To enter a symbol, touch  twice. Then select the desired symbol.

ABC Mode








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

123 Mode (Numbers Mode)

This mode allows you to enter numbers. To change to 123 mode while in a text entry field, touch .

Using the T9 Mode

The T9 predictive text input mode allows you to enter words easily with a minimum number of key presses. As you touch each key, the phone begins to display the characters that it thinks you are typing based on a built-in dictionary. As new letters are added, the word changes to reflect the most likely candidate from the dictionary.

- When you are in the T9 predictive text input mode, begin entering a word by pressing the touch screen keys  to . Press each key once for each letter.
 - ▶ The word changes as letters are typed - ignore what is displayed on the screen until the word is typed completely.
 - ▶ If the word is still incorrect after typing completely, press  on the pop up menu to see the options. Then select the word you want by touch.
 - ▶ If the desired word is missing from the word choices list, add it by pressing  and selecting  to enter the new word. Then press  to save the word into the built-in dictionary.
- Enter the whole word before editing or deleting any letters.
- Complete each word with a space by touching .

General Functions



To delete letters, touch . Touch and hold down  to erase the entire text entry.

Note

Pressing the  [END] key will exit Messaging and save the current message in the Drafts folder.




Using the ABC Mode

Use the touch pad keys to enter your text.

1. Touch the touch key labeled with the required letter:
 - ▶ Once for the first letter
 - ▶ Twice for the second letter
 - ▶ And so on
2. To insert a space, touch . To delete letters, touch .

Note

Refer to the table below for more information on the characters available using the keys.


Touch  to input a Upper Case letter. To change text entry mode from Lower Case to Upper Case, touch  twice and the key will turn to orange color  - indicating that Caps Lock has been activated.

Key	ABC Mode: Character Order	
	Upper Case	Lower Case
1	., ' @ ? ! - : / 1	., ' @ ? ! - : / 1
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	Space Key, 0 (Long press)	Space Key, 0 (Long press)

Using the 123 (Numbers) Mode

The 123 Mode enables you to enter numbers in a text message (a telephone number, for example) more quickly.

T9 Dictionary

The T9 Dictionary is a feature that allows the user to add any unique or personal words to the T9 standard language database. To access the T9 dictionary, touch **Options** , touch **Text Entry Settings** and touch **T9 dictionary**.

Within the T9 Dictionary function, the user can add, modify, delete or reset personal words.





Note

You can select a different T9 language from the same Options menu. The default setting on the phone is the T9 disabled mode.

Using the Korean Mode



Allows you to type in Korean when you set the Text Entry Language to Korean.

When you use Touch Keypad




Allows you easily input the characters. To input **ㅎ**, touch  and touch . To input **ㄱ**, touch  and touch .



Address Book

From standby screen, touch  and touch . You will see following Address Book's submenus.

Contact List

This menu allows you to save and manage contact address information. The Contact List's functions allow you to add a new address or search saved contact addresses by name. To find a contact, touch  and input the contact person's name. If you input 'At', it will show all contacts with 'At' in its name. From the standby screen, you can directly search for a contact by touching  and .





New Contact

This menu allows you to add a new contact address. You can enter contact address information, including: name, phone numbers, email addresses, group information, pictures, ringtone and other information.



1. From the standby screen, Touch  and touch .


2. Touch  to set a Picture ID for a contact by using a saved picture from Pictures or taking a new picture of the contact person. Choose from **No Picture**, **Picture** or **Take new picture**. If you select to take a new picture, touch **Attach** and **Set** to set as the Contact Picture ID. If you don't like the picture that was taken, touch , select **Yes**, and take a new picture.

- ▶ Enter the First name, last name or both.
- ▶ Enter up to five different numbers. Touch  and you can set that number as Speed Dial.
- ▶ Enter an email address.
- ▶ Select a Group for the contact.
- ▶ Use the Ringtone field to set a ringtone for the contact or leave it as the default ringtone.
- ▶ Use the Memo field to add a memo.
- ▶ Use the **Memory** field to select to save the contact to Phone or SIM Card memory.

3. Touch  to save the contact.

Groups

This menu allows you to organize your contacts into groups. By default, there are 5 groups: Colleagues, Family, Friends, VIP and School. Or you can put a contact in No Group. You can also configure a ring tone for a group so that the group ring tone sounds when a call from a specific contact address within that group is received (and there is no ring tone configured for the specific contact).

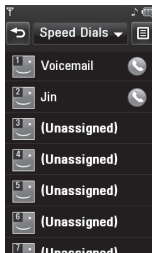
From the Standby screen, touch , touch **All Contacts** to open the drop-down menu and select **Groups**.


Speed Dials

You can assign a frequently-called contact to a speed dial list. You can select a number from 2 to 9 as a speed dial. You can configure speed dial numbers for any of the 8 numbers for a specific contact address.

1. From the Standby screen, touch , touch **All Contacts** to open the drop-down menu and select **Speed Dials**.

2. Touch the unassigned Speed Dial location.



3. This will open your address book. Touch the contact you would like to assign, then touch the number entry for that contact.
 - ▶ To call an assigned speed dial number, touch  from the Standby Screen. Then touch and hold the speed dial number; the call will be placed to the assigned number automatically.

SIM Management

This menu allows you to copy contact information from your SIM card to your phone memory. Please note that contacts in your SIM card will be added to your phone even if the same contact is already on your phone, creating duplicate entries.


You can also copy entries from the handset memory to the SIM card (though all the data will be copied).


From this menu, you are also able to delete entries in the SIM card.

1. From the Standby screen, touch , touch  to open the **Options** menu and select **SIM Management**.


Service Dial Numbers

You can view the list of Service Dial Number(SDN) assigned by your network provider. Such numbers could include the emergency services, directory assistance and voice mail numbers.



1. From the Standby screen, touch , touch  to open the **Options** menu and select **Service dial numbers**.

2. The names of the available services will be shown.
3. Touch a service number. Press the  [SEND] key.

My Info

This displays your own phone number stored in your phone/SIM card. You can edit the name and number by touching .

In-Call Menu





Your phone provides a number of control functions that you can use during a call. To access these functions during a call, touch and hold  to unlock the screen and then touch .

During a Call

There are a variety of options available during a call.

Making a Second Call

You can select a number you wish to dial, to make a second call.

1. Unlock the Screen.
2. Touch , enter the 2nd phone number and touch . or touch  to select a contact from your Address Book and then press the Call button .



Swapping Between Two Calls


By using one of the two methods below, you can switch between two on-going calls.

1. Press  [SEND] key.



2. Touch .

Answering an Incoming Call



To answer an incoming call when the handset is ringing, simply press the  [SEND] key or touch . The handset is also able to warn you of an incoming call while you are already on a call. You will hear two tones and the display will show that a second call is waiting. This feature, known as **Call Waiting**, is only available if your network supports it.

If Call Waiting is turned on, you can put the first call on hold and answer the second call by pressing the  [SEND] key.

Rejecting an Incoming Call

You can reject an incoming call without answering by simply pressing the  [END] key or touching .

Muting the Microphone

You can mute the microphone during a call by touching . The handset can be unmuted by touching  again. When the handset is muted, the caller cannot hear you, but you can still hear the caller.

Using the Speakerphone

You can use the integrated Speakerphone during a call by touching . The loudspeaker is automatically deactivated when you end the call.

Warning

Due to increased volume levels, do not place the phone near your ear while the speakerphone is enabled.



Conference Calls

The conference service provides you with the ability to have a simultaneous conversation with more than one caller. The conference call feature can be used only if your network service provider supports this feature.


Once a conference call is set up, calls may be added, disconnected or separated (that is, removed from the conference call but still connected to you) by the person who set up the conference call. These options are all available from the In-Call menu.

The maximum number of callers in a conference call is five. Once started, you are in control of the conference call, and only you can add calls to the conference call.



Making a Second Call

You can make a second call while currently on a call simply by accessing the Dialpad, from the In-Call Menu, entering the second number and pressing the  [SEND] key. When the second call is connected, the first call is automatically placed on hold. You can swap between calls by pressing the  [SEND] key.


Setting Up a Conference Call

To set up a conference call, place the first call. Once that is connected, follow the steps above to make a second call. You can then join the two separate calls by touching  and touching **Join calls**.


Adding Calls to the Conference Call

To add a call to an existing conference call, touch  to place the Conference call on hold, then touch Dialpad to access the dialpad, enter the number. Once the call is connected, touch  to merge the calls.

Private Call in a Conference Call

To have a private call with one caller from a conference call, touch  on the calling screen and select the **Private** option for the number you wish to communicate with separately. Only the person who initiates the Conference Call can initiate a Private Call.

Ending a Conference Call

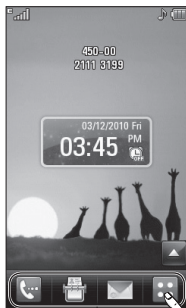
The currently active conference call can be disconnected by pressing the  key.

Your Standby Screen

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

Touch Screen Tips



- ▶ To select an item, touch the icon accurately. Your LG GS390 can be set to vibrate slightly when it recognises you've touched an option.
 - ▶ To scroll through lists, touch the last item visible and slide your finger up the screen. The list will move up so more items are visible.
 - ▶ There's no need to press hard, the touchscreen is sensitive enough to pick up on a light yet firm touch.
 - ▶ Use the tip of your finger to touch the option you require.
- ▶ When the screen light is off, press the  key on the right hand side twice to restore the standby screen.
 - ▶ Don't cover the phone with a case or cover as the touch screen will not work with any material covering it.



The Quick Keys

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



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



Touch to open your contacts and search for the number you want to call. You can also create new contacts and edit existing ones.





Touch to access the Messaging options menu. From here you can create a new outgoing Message.



Touch to open the main menu. All of your phone's functions can be accessed through the main menu, and its sub-menus.

Home Screen

The Home screen allows you to add widgets to make some of your favorite functions easier to access.

- ▶ From the Standby screen, touch  to open the available widgets.
- ▶ Drag a Widget from the roll-out Menu onto the Home screen.
- ▶ The available widgets allow you to play songs, add memos, check the calendar, play slide show, set an alarm or add events directly from the standby screen.
- ▶ Touch  again to close the Home Screen.

Menu Tree

Touch  in the standby screen to open the **Main Menu**.



AT&T Social Net



Messaging



Recent History



Mobile Web



AppCenter



AT&T Music



IM



Address Book



Mobile Email



My Stuff



Games & Apps



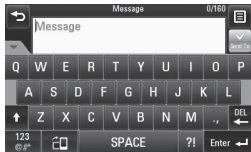
Settings

Communication

This supports functions related to SMS (Short Message Service), MMS (Multimedia Message Service), voicemail, and network service messages.




New Message

1. From the standby screen, select .
2. Touch **Create new Message**.



Editing a message


The following options are available when Editing a Message.




- ▶ **Symbols:** You can insert symbols ranging from punctuation to emoticons. Touch  twice, and you can select the symbols you want. You can use  and  to access more available symbols.



Touch twice for Symbols Entry Mode

Communication

Inserting Multimedia files in outgoing messages is easy. Touch the  button and select an option from below:

- ▶ **Picture:** You can preview the selected picture by touching the portion of the thumbnail that does not include  . Touch  to attach the picture to the message.
- ▶ **Audio:** Allows you to insert from your saved Audio files.
- ▶ **Video:** Allows you to insert from your saved Video clips.
- ▶ **Take New Picture:** Allows you to insert a new image taken from the camera by touching  [Capture].

! Note

Refer to page 58 for camera options.

- ▶ **Record New Audio:** You can record a new audio clip by touching .

- ▶ **Record New Video:** You can record a new video to attach to the message.


▶ Template

- **Text:** Allows you to easily insert frequently used sentences in the text message.
- **Multimedia:** Allows you to insert multimedia templates. You can create a multimedia template in the Message Settings menu. Please refer to 38 page.
- **Signature:** Input your own created signature. For further details, see page 37.
- ▶ **More:** Allows you to insert Subject, vCard, vCalendar, vNote, vTask or Contact.

! Note

vCard, vCalendar, vNote, vTask and Contact are created by the Address Book, Calendar, Notepad and Tasks functions. Go to the corresponding sections for more detailed information.

Using Message Options

Touch  to use the options below.

• Text Entry Settings


- **Text Entry Language:** Allows you to set the text entry language to English, Français, Español or Korean.
- **Show/Hide Word Candidate:** When in T9 Entry Mode, you can see the word candidates as you type.
- **Next Word Prediction On/Off**
- **T9 dictionary:** Here you can add/delete/reset/modify words to the T9 Dictionary.
- **Request Read Receipt:** Allows you to receive confirmation that the recipient read the message you sent. Note that this only applies if the recipient's network supports this action.



- **Save to Drafts:** Saves the selected message to Drafts.

- **Writing Font Size:** Set the writing Font size to Small, Medium and Large.

- **Cancel Message:** Allows you to exit the Message without saving your input message.

Sending a Message

When you are ready to send the message, touch .

You contact list will appear, from which you can select a recipient for your message. Enter the name of the recipients in the  field to search the contact list. If you wish to enter a new number or email address for your recipient, touch , and choose an option item below.


- **Text Entry Settings:** This menu allows you to set the text entry **settings**.
- **Enter Number:** You can input the recipient(s) number using the Touch keypad.
- **Enter Email:** You can enter an Email address instead of a phone number.

Communication

- **Caller Groups:** Displays Contact Groups.
- **Recent Messages:** Choose a contact from recent messages.
- **Recent Calls:** Choose a contact from recent calls.
- **Request Read Receipt:** Allows you to request confirmation that the recipient read the message. Note that not all networks support this feature.
- **Edit Message:** Returns to the message editing mode.
- **Save to Drafts:** Saves the selected message to Drafts.
- **Cancel Message:** You can cancel the message.


Message folders

The folder structure on your LG GS390 was designed to be fast and easy to use.

From the Home screen, touch . Then, touch **Inbox**, this will open a drop-down menu that will display the available folders.

- ▶ **Inbox:** New and recently received messages are placed into your Inbox.
- ▶ **Drafts:** If you don't have time to finish writing a message, you can save messages as drafts. Once saved, they will be stored in this folder.
- ▶ **Outbox:** Sent messages are located in the Outbox folder.

Inbox

You will be notified when you receive a message. New and recently received messages can be found in the Inbox. In the Inbox, you can identify each message by icons. To reach the Inbox, from the Home screen, touch  and touch **Inbox**.

Once you touch an Inbox message to open it, touch .

Standard View



The following options are available when viewing a message in standard view:

- ▶ **Add to Address Book:** (For MMS) You can save the sender's phone number in the Contact List.
- ▶ **Select Slide:** (For MMS) If the multimedia message has more than one slide, you can select and move to the desired slide.
- ▶ **Extract Data:** (For MMS) If a phone number or email address is in the message's text, the phone will identify it and allow you to save it.
- ▶ **View attachment:** (For MMS) Allows you to view and save each individual attachment."

- ▶ **Message Details:** (For MMS) You can view information about received messages; message Type, Subject, Sender's address, and message Time.
- ▶ **Forward:** Allows you to forward the message.
- ▶ **Make voice call:** Initiates a call to the sender.
- ▶ **Save number:** Saves the sender's number to the Address Book.
- ▶ **Extract Data:** If a phone number or email address is in the message's text, the phone will identify it and allow you to save it.
- ▶ **Copy & Move:** Allows you to copy the message to the SIM card or the Handset.
- ▶ **Message Details**

Conversation View

This mode allows you to view all messages with each contact in conversational order.


Touch  to expand each message or touch  to collapse the messages and display only the first few lines.


Drafts

You can view the messages saved as drafts. To see the Drafts folder, touch  from the Home screen, touch **Inbox** to open the drop-down menu, then touch **Drafts**.

Outbox

Outbox is a temporary storage place for messages waiting to be sent.

If the message is not successfully sent from the Outbox, you will receive a sound alert along with a Message Sending Failure notice on the screen. Another attempt will be made to send the failed message and after two unsuccessful attempts, the message will no longer be sent automatically. In order to send the message that has failed, you must touch  to resend the message.

The Outbox folder saves the most recent sent messages, in chronological order. Touch  to use options available from Outbox list.

- ▶ **Delete:** Deletes a message you choose.
- ▶ **Sort by:** Sorts by name, title and date.
- ▶ **Message Settings**
- ▶ **Delete All:** Delete all messages.

Those options are available when you choose a message in Outbox.

- ▶ **View Status:** Shows message status as failed, sent or error.
- ▶ **Edit:** Allows you to edit the selected message.
- ▶ **Select slide:** If the multimedia message has more than one slide, you can select and move to the desired slide.
- ▶ **View Attachment:** View attachment of the message.
- ▶ **Message Details:** Allows you to view the information on the message.

Voicemail

This menu provides you with a quick way of accessing your voice mailbox (if provided by your network).

! Note

Please check with your network service provider for details of their service in order to configure the handset accordingly.

Message Settings

To configure **Messaging settings**, touch the  Quick key from the Standby screen, then touch **Message Settings**.

Message Alert

You can set the Sounds and Alert Type here.

Save to

Choose between Phone and SIM Card to save message.


Signature

This feature allows you to create your Text signature. You can use symbols, templates and contacts as part of the signature.

Text Message

► Text Template

There are 6 predefined messages in the list. You can view and edit the template messages or create new ones.




The following options are available when you touch .

- **Add New:** Allows you to create a new template.
- **Delete:** Allows you to delete the selected template message.
- **Delete All:** Deletes all messages in the folder.

To edit an existing Template, touch it (to open) then touch the text. The Edit Template screen will automatically open.

- **Message Subject:** You can enter SMS Subject when this menu is ON. You can switch between **OFF** to **ON** by dragging it from left to right.
- **Insert Signature:** Insert signature you created.

Multimedia Message

- ▶ **Multimedia Templates:** Multimedia templates are available and can be created here.
- ▶ **Priority:** You can choose to set the priority of the message.
- ▶ **Message Subject:** You can enter the MMS Subject when this option is . You can switch between  to  by dragging it from left to right.
- ▶ **Validity Period:** This network service allows you to decide how long your multimedia messages will be stored at the message center.
- ▶ **Send Delivery Receipt:** Allows you to send a delivery confirmation mail for a Multimedia Message.
- ▶ **Send Read Receipt:** Allows you to send a message read confirmation mail for a Multimedia Message.

▶ Download Options

- **Download Without Ask:** Allows Multimedia Messages to be downloaded automatically.
- **Ask Always:** You can download a multimedia message manually.
- **Discard:** Used when the user rejects download of the Multimedia Message.
- ▶ **Message Center:** The details for the Multimedia gateway are pre-loaded onto your handset and should not be changed.

Voicemail Number

This menu allows you to set the voicemail center number if this feature is supported by AT&T. Please check with AT&T for details of their service in order to configure the handset correctly.



Service Message

You can set the Service option to determine whether or not you will receive service messages.

Mobile Email

Mobile Email allows you to access your Yahoo! Mail, AOL Mail, AIM Mail, Windows Live Hotmail, AT&T Yahoo!, BellSouth Mail and Other providers accounts on your phone. So, now you can quickly and easily check your email while you are away from your computer.

To Set Up Mobile Email

- ▶ **Open Mobile Email:** From the standby screen, Touch , and touch .
- ▶ **Select an Email Provider:** Touch the email provider you wish to use.
- ▶ **Read and Accept the Terms of Use**
- ▶ **Log In**
 1. Highlight the ID entry field, touch and then type in your existing email ID.
 2. Touch the Password field, to highlight it, and enter your password.

3. To save your password scroll down to Remember Me and press down on the select to check the box.

4. Select **Sign In**.

- ▶ **Opening an Email:** Just scroll down and press on the subject line to highlight the message you want to open, then press again to open the message. When the email is open, select **Options** to reply, forward or delete.
- ▶ **Deleting an Email:** Scroll down to the email you want to delete, touch the subject line to highlight it, press **Options**, and then Delete.

AT&T Social Net

Your AT&T mobile phone now keeps you connected to Facebook, MySpace and Twitter, plus the latest in news, sports, and entertainment. See new messages, posts, and status updates as soon as they happen, and respond and comment in real time. AT&T Social Net supports Facebook, MySpace and Twitter along with over 35 top feeds, including MTV News, The Onion, Perez Hilton, CNN and more.

Mobile Web

This browser connects you to the homepage, which is defined in the activated account.

The default account connects to AT&T's homepage.

This menu shows how to access the Internet by launching the WAP browser.


MEdia Net is one of the services provided by AT&T and it gives you access to all the cool things you can do with your wireless phone.

Note

Check the availability of WAP services, pricing and tariffs with your network operator and/or the service provider whose service you wish to use. Service providers will also give you instructions on how to use their services.

Please contact your service provider to open an Internet account.

To launch the browser in Standby mode, touch the Quick key  then touch .

Once connected, the homepage is displayed. To exit the browser at any time, press the  key.




Menus for the Browser



You can surf the Internet using either the touch screen.


Using the WAP Browser Menu

Using the Browser Tool Bar



- ▶ **Back** : Moves to the previous page.
- ▶ **Forward** : Moves to the next page.
- ▶ **Refresh/Stop** : Loads the current page again. When a page is loading, press to stop loading the current page.

- ▶ **Bookmarks** : Takes you to your Bookmark menu. Holding down this key will add the current page to your saved Bookmarks.
- ▶ **Zoom** : Displays the Zoom bar to Zoom in and out while browsing.

Once you are connected to the Internet, the following menu options are available as buttons or through the Options menu :

! Note

If you are browsing the Internet in Landscape mode, you can access the Options Menu by tapping any part of the browser screen that does not contain a link.

- ▶ **Home**: Moves to the initial homepage.
- ▶ **Windows**: Create, manage or view different browser windows. This allows you to access multiple web pages simultaneously.
- ▶ **EnterURL**: Connects to the specific URL after editing.
- ▶ **Bookmarks**: You can add or save the current page to Bookmark or view the list saved under Bookmark.
- ▶ **Landscape View/Portrait View**: You can turn the view to landscape or portrait.
- ▶ **View Full Screen/View Normal Screen**: Hold your phone horizontally and you can view full screen, If you hold the phone vertically, you can view normal screen.
- ▶ **Search Text**: You can search the text what you want to find.
- ▶ **Recent Pages**: You can manage the list of the Internet pages you visited.
- ▶ **Send URL**: Allows you to send the link to recipients via Message menu.
- ▶ **Settings**: Allows you to set options such as Cache, Cookie and other Browser Settings.
- ▶ **Browser Help**: Help for browser menu and options
- ▶ **Exit**: Exit browser

Bookmarks

This function allows you to store and edit frequently accessed sites.

The following options are available with the  menu.

- ▶ **New Bookmark:** Add a new bookmark manually.
- ▶ **Send URL:** Allows the bookmark information to be sent via SMS to another person.
- ▶ **New Folder:** Allows you to add a new folder, manually.
- ▶ **List View:** You can view the preset bookmarks list.



< Portrait View >

Note

Pre-installed bookmarks cannot be deleted or edited by users.

In order to change the text input mode for symbol input, please refer to the General Functions section.



Saved Pages

This saves the page on display as an offline file. A maximum of 20 pages can be saved.

Recent Pages

You can view a list of some of the pages recently visited.

App Center

To launch App Center while in the Standby screen, touch the Quick key , and then touch .

Ringtones

This menu option connects to AT&T's ringtone download site.

Note

Additional charges may incur when downloading ringtones. Contact AT&T for additional information.

Games

This menu option connects to AT&T's game download site. This allows users to download the various games by connecting to the Internet.

Note

Additional charges may incur when downloading games. Contact AT&T for additional information.

Color Graphics

This menu option connects to AT&T's graphics download site.

Note

Additional charges may incur when downloading graphics. Contact AT&T for additional information.

Cool Tools/Apps

This menu option connects to AT&T's application download site. This allows users to download the various applications by connecting to the Internet.

Note

Additional charges may incur when downloading applications. Contact AT&T for additional information.

Videos

This menu option connects to AT&T's video download site.

Note

Additional charges may incur when downloading applications. Contact AT&T for additional information.

MEdia Net Home

This connects to the homepage, which is defined in the activated account. The default account connects to AT&T's homepage.

Music Player

To launch AT&T Music while in Standby mode, touch the Quick key , touch .

- ▶ **All songs:** You can view all the songs in your music library.
- ▶ **Playlists:** You can make your own playlists.
- ▶ **Artists:** Shows the list of artists of all the songs in your music library, and shows all the songs by a chosen artist.
- ▶ **Albums:** Shows the list of albums of all the songs in your music library, and shows all the songs on a chosen album.
- ▶ **Genres:** Shows the list of genres of all the songs in your music library, and shows all songs of a specific genre.
- ▶ **Shuffle:** You can listen to the music randomly.

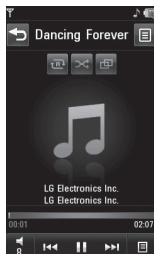
Note

Copyrights of music files may be protected by copyright and intellectual property laws. Please ensure that you adhere to the applicable Terms of Use of materials laws prior to downloading or copying files.

Playing Music

To listen to music in your phone or the external memory, follow these quick easy steps:

1. Select Music Player to view your options. You can select from All Songs, Playlists, Artists, Albums, Genres and Shuffle songs to select your Music. The Now Playing menu will be only available when music



- ▶ Touch the song you wish to play.
- ▶ Touch **⏸** to pause the selected song. While playing, touch **🔊** to adjust the volume. Touch **⏭** and **⏮** to skip to the next song or previous song.
- ▶ Touch **☐** to Minimize the music player and access other phone functions while music is playing.

! Note

Files under 300kb may not be displayed in this function and may be categorized as Ringtones.

Adding Music To Your Handset

Music files can be added to your handset by using one or more of the following methods:

- ▶ Download music and ringtones over the AT&T network directly to your device via the Shop Music link in the AT&T Music Folder or the Ringtones link in the AT&T MEdia Mall folder.
- ▶ From your existing digital media collection on your PC via Windows Media® Player and/or Windows Explorer.
- ▶ From your PC using other music subscription services, such as Napster or eMusic.

Purchasing and downloading Music directly to your Device

1. Select **Shop Music**.
2. Navigate the **Shop Music** page to download today's hottest music, ringtones and other personalized content directly to your phone.

Note

Some sites are data intensive (i.e. previews via streaming) so the user should be enrolled in an unlimited data plan before using these services to avoid per-use data charges.

Note

Additional charges may apply when downloading music, ringtones etc.

Note

mid, wav, mp3, aac, imy files under 300 kb can be set as ringtone.

Transferring Music using your PC

Before You Get Started

To transfer music from your PC to your device, you will need the following:

- ▶ Windows Media® Player 10 (or above) or other digital music management software such as Napster or eMusic
- ▶ A microSD™ card* (supports up to 16GB cards)
- ▶ USB data cable*

* microSD™ card and USB data cable sold separately; go to att.com/wireless for details.

Note

This device is not compatible with iTunes and/or iTunes files.

Transferring Music from the Digital Music Service

1. Using your computer, open your preferred PC music management client.
2. Download the selected song to your library.
3. Make sure the microSD™ card is inserted properly into the handset.
4. Use the USB adapter cable to connect the handset to the PC.
5. Once the USB connection has been established, the handset displays “Connected” and the computer screen then shows the GS390 Music Sync Player. If the detection does not occur, skip to **Changing USB Connection Settings** section on page 51.
6. Follow the instruction in the program to transfer music to your handset.

! Note

If you have a USB hub, connect the handset directly to your computer rather than through the hub.

Transferring Music using Windows Media Player

1. Open Windows Media® Player on your computer (version 10.0 or higher).
2. Use the USB adapter cable to connect the handset to the PC.
3. Once the USB connection has been established, the handset displays “Connected” and the computer screen then shows the GS390 Music Sync Player.

! Note

If the target computer does not detect the newly connected handset or provide an MTP Player dialog window on the PC screen, skip to **Changing USB Connection Settings** section on page 51.

4. From within the Windows Media® Player application, click on the Sync tab. Previously downloaded songs are then listed on the left side of the application.
5. Choose the destination location for the media files. The LG GS390 Music Sync Player appears in a drop-down list on the right side of the screen.

Note

If there are no items present in the playlist, click the Edit Playlist button and begin adding the music files from among the various media categories.

6. Click on the checkmark boxes (to the left of the song entry) to select the song you want to synchronize to your handset.
7. Click the Start Sync button to download the selected songs to your handset.
A “synchronization in progress” message appears on the application. Do not unplug the handset during this process. Once complete, the progress bar will disappear.
8. It is now safe to unplug the USB connector from the handset.

Drag and Drop Music Using LG GS390 As A Mass Storage Device

1. Make sure the microSD™ card is inserted properly into the headset.
2. Connect the device to a PC using a LG GS390 USB data cable.
3. A bubble may appear on the PC, “Found New Hardware LG USB Modem”.
4. Access My Computer on the PC.

5. The phone’s memory card will be listed under “Devices with Removable Storage” in the same location as an optical drive.

Note



The PC will automatically assign a drive letter.

7. File explore in a new window for desired music files.
8. Drag and drop the desired music content from the PC window to the “Storage Card” window.
9. Disconnect the device from the cable.
10. Access the Music Player on the phone.

Note

If the target computer does not detect the newly connected handset as Mass Storage, skip to Changing USB Connection Settings section below.

Changing USB Connection Settings

1. Touch  and touch .
2. Select **Connection**.
3. Touch **USB Connection Mode**.
4. Touch Music Sync (if using Windows Media® Player or other Digital Music Services) or Mass Storage (if you are going to drag or drop files). Data Service or Always ask.
5. Reconnect the device to a PC.

Always ask mode

If you set the “Always ask mode” as default, the phone will always prompt you to select a type of USB connection mode each time you connect the phone to a PC via the data cable. If you disable the “Always ask mode”, the connection mode will be the one you have manually set in Menu-Settings-Connection-USB Connection Mode and one of the options. You can synchronise your PC with your phone to make sure all your important details and dates match, but also to backup your files to put your mind at ease.

Deleting Music Files

The following are the three options available to delete Music from your Phone:

1. Delete a file using Mass Storage, but not using Music sync function.
2. Delete a file by directly inserting the microSD™ external memory onto the PC.
3. Delete a file using delete function on the phone.

! Note

If you delete a playlist from the phone, the songs in the playlist will not be removed and remain in All songs folder. Do your file operations like Delete, Move and Copy using Music Sync.

! Note

Be aware that all of the existing data will be erased on microSD™ card if you use the below process.

- Use the Settings > Phone > Reset Settings > Master Clear > Memory Card function in the Settings menu.
- Format external memory using Mass Storage.

Additional Music Services

There may be other AT&T music applications preloaded or available for your phone that allow you to:

- ▶ Identify the name, artist and album to a song from a song sample.
- ▶ Listen to the latest Hip Hop, R&B, Rock, Jazz, or Country streaming commercial-free radio channels, anywhere you go.
- ▶ View music news and information.

! Note



Some sites are data intensive (i.e. previews via streaming) so the user should be enrolled in an unlimited data plan before using these services to avoid per-use data charges.

! Note

Additional charges may apply for downloading content or use of these services.

The Instant Messaging feature can only be used with the support of the network operator or communities such as AIM®, Windows Live™ and Yahoo!® Messenger. For Instant Messaging users, a valid User ID and Password will be required in order to login and exchange messages as well as checking the online status.

To access the IM feature

1. Touch  and touch .
2. You can see available IM clients. The menu items below might not appear as not all IM communities support the various options. In addition, the menu strings may appear differently. This depends on the selected IM communities. The keywords such as User ID, Login and Contact will be used as general terms in IM menus according to the currently selected communities such as AIM®, Windows Live™ and Yahoo!® Messenger

Offline Menu

Sign In

This allows users to login by filling in the User ID and Password.

Note

Once the User ID and Password are saved, you will not be required to type them in again during the Login process. This feature is optional.

Settings/Preferences

- ▶ **Set Sound:** Allows you to turn alerts **On/Off** for a Contact when they have activity on their session.
- ▶ **Network:** You may check your Network Profiles or Server Address information.

IM Information

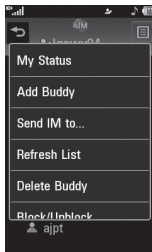
This displays the Instant Messaging Client Information such as Client Name and Version Number.

Online Menu / 1-to-1 conversation

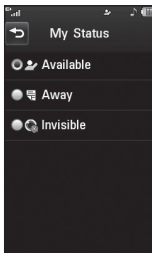
After a successful Login, a list of contacts with Screen Names will appear on the screen. Touch and hold each item, it will show various menu pop up.

General Options

Touch .

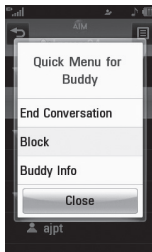


- ▶ **My Status:** Allows you to set your status to Available, Away or Invisible.



- ▶ **Add a Contact:** This adds a new contact to the selected contacts list; contacts are searched on the basis of Email Address, First Name or Last Name.
- ▶ **Send Message to:** Allows you to send a message to someone by inputting an email address.
- ▶ **Block List:** Displays the list of all blocked Contacts.
- ▶ **Saved Conversations:** This is where a user can view saved conversations.
- ▶ **Settings:**
 - **Display Name**
 - **My Status:** Allows you to set your status to Available, Busy or Invisible
 - **Offline Contacts**
 - **Set Sound:** Allows you to turn on/off an alert for the Contact when they have activity on their session
 - **Auto Sign In**

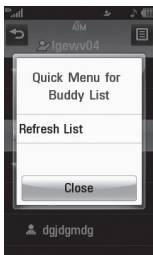
Touch and hold a conversation.



- ▶ **End Conversation:** This closes the selected conversation. If an unknown contact was selected, that contact is deleted.
- ▶ **Block/Unblock Contact:** This allows you to block/unblock the selected Conversations Contact.
- ▶ **Contact Info:** This allows you to view the User ID and Status Text information.

Touch and hold the contact List.

- ▶ **Refresh:** This refreshes the current information on the contacts within the list.



- ▶ **Delete Contact:** This deletes the selected Contact.
- ▶ **Move Contact:** Allows you to move a Contact to another Contact List.
- ▶ **Block/Unblock Contact:** This allows you to block/unblock a conversation with the selected Contact.
- ▶ **Contact Info:** This allows you to view information. It provides User ID, Status Text.

Menu options available in the Conversation screen

- ▶ **Insert:** You can insert a Symbol, Template and emoticons in the conversation screen.
- ▶ **Back to Contacts:** This brings the screen back to the contacts.
- ▶ **Block/Unblock Contact:** This allows you to block/unblock a conversation with the selected Contact.
- ▶ **Add to Contact List:** Allows you to add Record Mode:conversation with to a Contact List.
- ▶ **Save Conversation:** Stores the currently active conversation.
- ▶ **End Conversation:** This ends the active conversation and clears the conversation buffer.

► **Settings:**

- **Display Name**

- **My Status:** Allows you to set your status to Available, Busy or Invisible.

- **Offline Contacts**

- **Set Sound:** Allows you to turn on/off an alert for the Contact when they have activity on their session.

- **Auto Sign In**

► **Text Entry Mode:** Sets the text input mode such as abc, Abc, ABC, T9 abc, T9 Abc, T9 ABC and 123.

► **Text Entry Mode Settings:** This selects the T9 predictive mode Language. This feature also allows you to turn T9 mode on or off, and to access the T9 Dictionary, Text Entry Language.


► **Minimize:** Minimizes the IM window and returns to standby mode.

► **Sign Out:** This begins the logout process.

! **Note**

- The maximum number of characters supported by a message is 800 characters, for receiving, and 127 characters for sending.
- The current information might not update in real time so the "Refresh List"/"Refresh Contact" option can be used for the most up to date status.

Camera

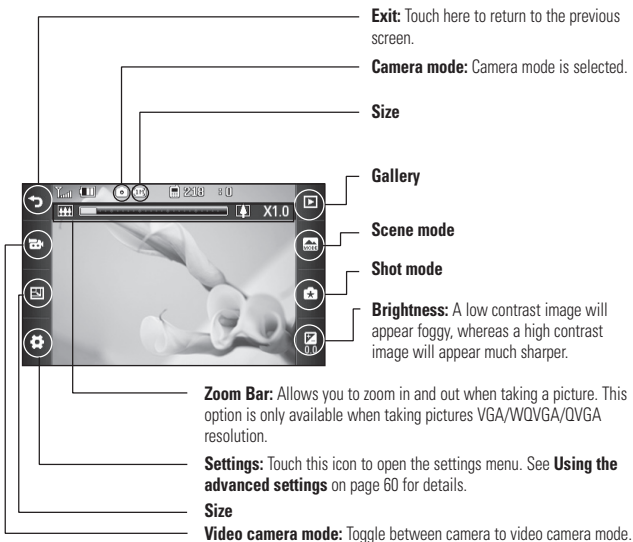
Touch , then choose **Tools** tab. Touch **Camera**.

Take Photo

Using the camera module built into your phone, you can take pictures of people or events while on the move. Additionally, you can send photos to other people in a picture message.

Press the right side button  to go to camera mode directly.

Getting to know the viewfinder



! Note

The shortcut options disappear after a few seconds automatically. To recall the options, touch the screen again.

Settings Menu

- ▶ **View Mode:** Choose between Full Image and Full Screen.
- ▶ **Color Effect:** Includes options of Off/Black & White/Negative/Sepia.
- ▶ **White Balance:** Set the White Balance as Auto/Incandescent/Sunny/Fluorescent/Cloudy.
- ▶ **Image Quality:** Set the image quality as Super Fine/Fine/Normal.
- ▶ **Self-timer:** Set the Timer can be set to Off/3 Seconds/5 Seconds/10 Seconds.
- ▶ **Memory:** Choose to save a photo to External or Handset.
- ▶ **Hide icons:** Automatic/Manual
- ▶ **Shutter sound:** Can be set to Shutter 1/Shutter 2/Shutter 3/No Sound.
- ▶ **Grid screen:** Off/Simple cross/Trisection
- ▶ **Reset Settings:** Allows you to set to the default settings.

Others tab

- ▶ **Size:** The resolution of the image can be captured in 1600*1200 / 1280*960 / 640*480 / 400*240 / 320*240.
- ▶ **Brightness:** Adjust brightness by adjusting slider.
- ▶ **Scene mode:** This is useful to take a photo at dark place.
- ▶ **Shot mode:** This is great for taking photos of moving objects or at sporting events. Allows you to set 3 shots, 6 shots or 9 shots continuously.

Note

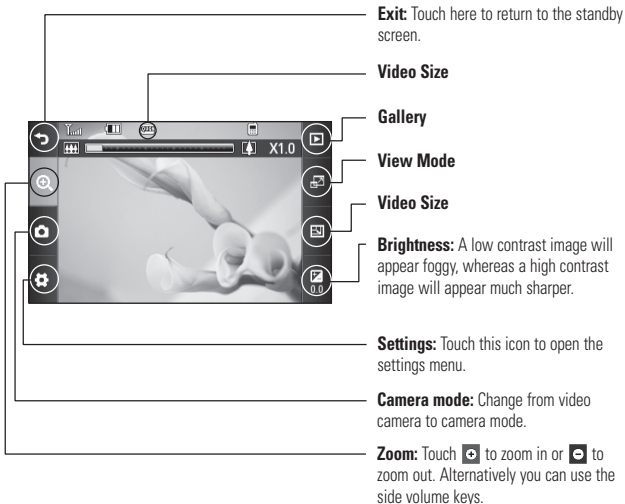
In Take Photo mode, you can adjust the zoom scale by moving the slider. The maximum zoom levels depend on the resolution as follows.

Resolution	Zoom scale
1600*1200	Level 1
1280*960	Level 1
640*480	Level 1 ~ Level 10
400*240	Level 1 ~ Level 10
320*240	Level 1 ~ Level 10

Record Video

When recording video, you have many of the same Settings options as with taking a photo. One additional option is using Video Share:

Getting to know the viewfinder



Settings Menu

Preview Tab

- ▶ **Set time:** Use one of the recording duration presets, made for different purposes. Normal/MMS Mode.
- ▶ **Color Effect:** Includes options of Off/Black & White/Negative/Sepia.
- ▶ **White Balance:** Set the White Balance as Auto/Incandescent/Sunny/Fluorescent/Cloudy.
- ▶ **Video Quality:** Determines the quality of a video clip. Includes options for Super Fine/Fine/Normal.
- ▶ **Memory:** Choose to save a video clip to External or Handset.
- ▶ **Hide icons:** Automatic/Manual
- ▶ **Voice:** Mute or unmute the voice.
- ▶ **Reset Settings:** Allows you to set to the default settings.

Others Tab


- ▶ **View Mode:** You can select Full screen/ Full image.
- ▶ **Video Size:** Sets the size of video to 320*240 or 176*144. The selected size appears on the capture screen.
- ▶ **Brightness:** Adjust brightness by adjusting slider.

Note

In Video Record mode, you can adjust the zoom scale by moving the slider. The maximum zoom levels depend on the resolution as follows.

Resolution	Zoom scale
320*240	Level 1 ~ Level 10
176*144	Level 1 ~ Level 10

Album

You can view the Album containing your Pictures and Videos. You can access to View mode by touching right navigation key. For more available options, touch .

Sort by/Send via/print/slide show/delete/album theme/one by one view/delete all.

Audio

Touch  and the  tab, then choose **Audio**.

- ▶ **Shop Tones:** This menu option connects to AT&T's ringtone download site.
- ▶ **Answer Tones:** This menu option shows the list of the sites which is related with AT&T's answer tone.
- ▶ **Record Voice:** You can record your own audio by touching icon.
- ▶ You can view the audio files in the list.

Memory Card

This function shows the files in the external microSD™ card memory.

Other Files

When you receive files of an undefined format (such as .vcs, .vcf, etc.) via email, the files are saved in this folder.

The following options are available by touching the  menu.




- ▶ **Send via:** Send the selected file via Bluetooth® or MMS.
- ▶ **Delete:** Allows you to delete the selected file.
- ▶ **Move:** You can move selected files to the Phone Memory or Memory Card (if applicable).
- ▶ **Copy:** You can copy selected files to the Phone Memory or Memory Card (if applicable).
- ▶ **Rename:** You can edit the name of the selected file.

- ▶ **Create new folder:** Allows you to make a new folder.
- ▶ **Sort By:** You can sort the folders by name, date and type.
- ▶ **Delete All:** You can delete all files and folders.
- ▶ **Used Space:** You can view internal and external memory status.

Pictures

Touch  and , choose **Pictures**.

This allows you to view pictures when browsing.

- ▶  **Shop Wallpapers:** Connects to AT&T's graphic download site.
- ▶  **Take a Picture:** It takes you to move to the camera mode.
- ▶  **Make Animated GIF:** You can make an animation file with the selected images in the list.
- ▶ You can view the graphic files in the list.

Tools

Touch  and , choose **Tools**.

FM Radio

Your phone has an FM radio feature so you can tune into your favorite stations to listen to on the move.

Note

GS390 supports wireless FM. User does not require to insert headphones to listen FM in normal condition. In weak FM radio signal area the sensitivity can degrade with wireless and antenna mode. So it is advisable to insert the headphones for better and enhanced FM quality. Insert them into the headphone socket.

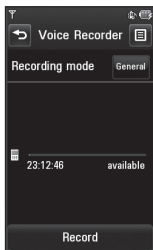
Searching for stations

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 48 channels in your phone.

Voice Recorder

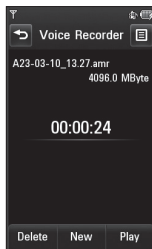
Use the Voice Recorder to record voice memos or other sounds.



Settings

-  **Record Mode:** MMS record mode shortens the time so that the recording can fit in an MMS and General mode provides longer recording time.
-  **Select Storage Defaults:** You can assign the default storage to Phone Memory or Memory Card.

- ▶ Touch **Record** to start recording. Touch **Pause** to pause recording. To continue recording, touch **Resume** again. To stop recording, touch **Stop**. The recording will be saved automatically.



- ▶ To start a new recording, touch **New**. To play the recording, touch **Play**. To send the recording by Message or Bluetooth, touch **Option** and then **Send**. To delete the recording, touch **Delete** and confirm Yes..

Voice Command

Voice command is the function whereby your phone's voice recognition engine identifies the voice of the user and carries out the requested commands. When the user operates the voice command function, there are six possible commands, call <name or number>, Listen to voicemail, missed calls, messages, time & date and Play or Playlist.

1. Call <Name or Number>: This function is activated only when the user says the command "Call" followed by the name stored in the Address Book or specified phone number. The voice engine inside the handset recognizes the user's utterance and displays name lists or phone numbers from the phone's Address Book. However, interfering noise might cause a problem displaying candidates. Additionally, the user has the option to superimpose a number type at the end, such as "mobile", "home" or "office".

- **commands available to user**

- **yes:** make the phone call
- **no/next:** moves to the next name or number list
- **cancel:** go back to the main voice command menu
- **exit:** terminate voice command

2. Listen Voicemail: this command is activated when the user says the words "Listen Voicemail". The user will then be automatically connected to voicemail.

3. Missed Calls: this command is activated when the user says the words "Missed Calls". The mobile phone presents missed call lists.

- **commands available to user**

- **yes:** make the phone call
- **no/next:** moves to the next missed call list
- **cancel:** go back to the main voice command menu
- **exit:** terminate voice command


4. Messages: this command is activated when the user says the word "Messages". The phone displays details of unread SMS or MMS messages.

• **commands available to user**

- **yes:** make the phone call
- **no/next:** moves to the next unread message
- **cancel:** go back to the main voice command menu
- **exit:** terminate voice command

5. Time & Date: this command is activated when the user says the words "time and date". The phone displays the current local time and date.

6. Play or Playlist: this command is activated when the user says the words "Play/ Playlist". The phone starts Music Player menu.

The Voice Command function also has options accessible by pressing  when in the Voice Command screen. They are:

• **Mode**

- **Speed:** voice command is abbreviated
- **Normal:** voice command is played normally

• **Best match**

- **1 Match:** the most likely match will be displayed, finding a number from the Address Book
- **4 Matches:** the four most likely matched names will be displayed, finding names from the Address Book

• **Sensitivity**

- **High:** Operation and performance of the voice recognition engine is rarely affected by the user's voice command and surrounding sound.
- **Medium:** Operation of voice recognition engine is normally affected by user's voice command and surrounding sound.
- **Low:** Operation of voice recognition engine is strongly affected by user's voice command and surrounding sound.


• Speakerphone Mode




- **Automatic On:** When this option is selected, sound is loud enough so you can hear the output when the phone is away from the ear, at a distance.
- **Off:** When this option is selected, sound is quieter, and can only be heard through the Earpiece.

• Call Alert

- **Ring only:** Ring repeatedly when you receive a call.
- **Ring After Name:** Tells name of the contact you saved once and then ring repeatedly when you receive a call.
- **Name Repeat:** Tells name of the contact you saved repeatedly when you receive a call.


Alarm Clock

The alarm function allows you to set up multiple separate alarms. You can also set the time, repetition interval and alarm sound. Select your desired alarm setting to configure from the alarm list. If there is no alarm setting, .

- ▶ **Time:** Select the desired set time mode using the select. Input your desired alarm time by specifying the hour and minutes. If the time is in the 12 hour format, you have to select either  or  by touching it.
- ▶ **Repeat:** Select the desired repeat mode using the select.
- ▶ **Alarm Tone:** Select the alarm sound to use for the alarm using the Center key.
- ▶ **Memo:** Input alarm name.
- ▶ **Snooze Interval:** You can set the snooze interval at 5 Minutes, 15 Minutes, 30 Minutes, 45 Minutes or 1 Hour. Now, Touch  to save your new Alarm.

Calendar

When you enter this menu, a calendar will be displayed. The red square cursor is used to locate a particular day. The bottom bar on the calendar indicates schedule(s) for that day. This function helps to remind you of the schedule. The phone will sound an alarm tone if it has been set for a specific schedule item.



The following options are available when you open the Calendar function and touch the  menu.

- ▶ **New Schedule:** Allows you to add a new schedule on the date you select.
- ▶ **Search:** Allows you to search the saved schedule(s).
- ▶ **Set Holiday:** Allows you to set your personal holiday for the selected date.
- ▶ **View All:** Allows you to view all saved schedules.
- ▶ **Week View:** Allows you to change Calendar view mode from Monthly View to Week View.
- ▶ **Go to Date:** Allows you to jump to a specific date.

- ▶ **Selective Delete:** Allows you to delete Old Schedules or All Schedules selectively.
- ▶ **Settings:** Allows you set Default View and Weekly Begin day.

Notepad

You can create up to a maximum of 100 memos.

1. Touch  and choose **My Stuff**. Touch **Tools** and choose **Notepad**.
2. To create a new Note, touch **New Note**, input the memo and touch  to save.

Calculator

The calculator function allows you to add, subtract, multiply and divide. You can input numbers and operators using the touch key pad.


Use the  touch key to delete numbers.


World Clock

The World clock function provides time information for major cities worldwide.

Note

The first time you use this function, you will be asked to enter the name of your current City.

1. To add a new City from where you can see the local time, touch  and select **Add city**.
2. Touch the City in the red box, a list of available cities (in different time zones) will display. From there you can select what time zone to add.

- ▶ To make it easier, touch  and It will show the Globe. Touch the continent and choose city you want to know the time.



My Stuff


- ▶ You will see its date and time of that city on the bottom side of the screen. Touch **Select** to save.



Tasks

This feature allows you to save and manage a task.

1. Touch **New Task**.
2. Input Due Date, Note and Priority for the new Task.
3. Touch **Save** to save the Task item.

The following options are available by pressing  in the main Tasks menu:

- ▶ **New Task:** Allows you to create a new task.
- ▶ **Delete:** Opens the menu from where you can select Tasks to delete.
- ▶ **Delete all:** Allows you to delete tasks for All Completed/All Past Tasks selectively.
- ▶ **Send:** Enables the selected task to be sent via Text Message/Multimedia Message/Bluetooth®.
- ▶ **View Calendar:** The calendar window will display, from there you will be able to create New Tasks.
- ▶ **Sort by:** Enables the tasks to view sorting by Date/Status/Priority.

Stopwatch

This menu allows you to record the elapsed time of an event. The duration of an individual lap time (up to 99 times) and the total time can also be displayed.

► New Time

1. To start timing, touch **Start**.
The running time is displayed as HH.MM.SS.hh (hours, minutes, seconds, hundredths of a second).
2. During the timing, you can record an individual lap time by touching **Lap**.
Up to 99 lap times can be recorded.
3. You can stop timing by touching **Stop** or restart by touching **Start**.
4. To reset the stop watch, touch **Reset**.

- **Saved Times:** You can see the saved recorded times.
- **Show Last:** Displays the last time taken with the Stop Watch.

Tip Calculator

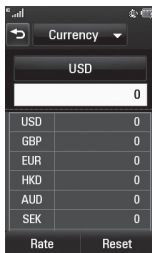
This feature allows you to quickly and easily calculate the tip amount based on the total bill as well as the split of the total bill based on the number of people.

Unit Converter

This function converts any measurement into a unit you want.



There are 6 types of units that can be converted: Area, Length, Weight, Temperature, Volume and Velocity.

To input decimal number, touch **.**.



Video

Touch  and , choose **Video**.

- ▶  **Shop Videos:** You can download videos.
- ▶  **Record Video:** You can record your own video.
- ▶ You can view the video files in the list.


Note

DRM sometimes restricts some functions, such as send and edit.

Games and Apps

Games

Access Games on your LG GS390 or Browse the catalog of games available to buy and download new ones.

To launch Games while in the Standby screen, touch the Quick key , touch .

! Note

The JAR file is a compressed format of the Java program and the JAD file is a description file that includes all detailed information. From the network, prior to download, you can view all detailed file descriptions from the JAD file.

! Warning

Only J2ME (Java 2 Micro Edition) based programs will run in a phone environment. J2SE (Java 2 Standard Edition) based programs will only run in a PC environment.

- ▶ **Shop Games:** This menu option connects to AT&T's game download site. You can see the default and downloaded games in the list.

Applications

To launch Applications while in the Standby screen, touch the Quick key , touch  and choose **Applications**.

This menu displays the list of Java programs downloaded using WAP. All previously downloaded programs can be selected, deleted or viewed in detail within the Application menu.

Shop Applications

This menu option connects to AT&T's application download site. This allows users to download the various applications by connecting to the Internet.

Mobile Banking

This application provides easy access to your banking account from your phone where you can view your account balances and history, transfer funds, receive and pay bills and more.

If your banking institution doesn't currently participate, check back frequently as new banks are joining all the time.

My-Cast Weather

Allows you to search quickly weather forecast.

Pocket Auctions

Pocket Auctions lets you bid, compare prices, and search active and completed items on eBay. You can view pictures, read item descriptions and check on items you're bidding on.

Browser

You can access Mobile Web. Please refer to page 41 in detail.



Audio & Ringtones

Shop Tones

Connects to AT&T Ringtone Shops.

Ringtone

- ▶ **Sounds:** Shows and plays ring tones. You can select your preferred Ringtone by touching the ringtone listed.
- ▶ **Volume:** This menu controls Ringtone sound volume.
- ▶ **Alert Type:** Supports 3 ring alert types. Ring, Ring & Vibrate and Ring after Vibration.
- ▶ **Increasing Ringtone:** Allows you to select an Increasing Ringtone type which is played when you receive an incoming call. You can elect to turn this **ON** and **OFF**.

Message Tone

- ▶ **Sounds:** Shows and plays message tones. You can select your preferred Ringtone by touching the ringtone listed.
- ▶ **Volume:** This menu controls Message sound volume.
- ▶ **Alert Type:** Supports 6 message alert types: Ring Once, Ring Every 2 Min., Ring Every 15 Min., Ring & Vibrate, Vibrate and Silent.

Note

Full length music tracks cannot be set as either ringtones or message tones.

Settings

Alert Tone

- ▶ **Sounds:** Allows you to select a set of alert tones. Supports 2 alert tone types, Alert Tone 1 and Alert Tone 2.
- ▶ **Volume:** This menu controls Alert sound volume.
- ▶ **Alert Type:** You can elect to turn Alert Tones to Ring or Silent.

Multimedia

You can control multimedia volume.

Call

You can control call sound volume.

Power On/Off Tones


You can elect to turn Power On/Off Tones to **Ring** or **Silent**.

Phone Settings

Touch , and choose .

Date & Time

Touch , and the  tab, then choose **Date & Time**.

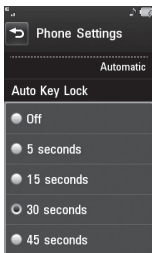
- ▶ **Date Format:** This allows you to enter the day, month and year. You can change the date format via the Date Format menu option.
MM/DD/YYYY (month/date/year)
DD/MM/YYYY (date/month/year)
YYYY/MM/DD (year/month/date)
- ▶ **Time Format :** This allows you to enter the current time. You can choose the time format via the Time Format menu option, which are 12 Hours and 24 Hours. Also you can set Daylight Saving Time for 1 Hour or 2 Hours.
- ▶ **Auto Update:** Select  to set the phone to automatically update the time and date according to the current local time zone.

Languages

You can change the language for the display text on your phone. This change will also affect the Language Input mode.

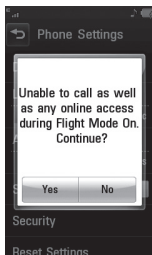
Auto Key Lock

This allows you to set the amount of time before your screen locks automatically.



Set Flight Mode

This allows you to use only the phone's features that do not require the use of the wireless network when you are in an airplane or in places where the wireless network is prohibited. If you set the flight mode **ON**, you will be prompted to confirm your selection. After you confirm it by touching **Yes**, the Flight mode icon will be displayed on the screen instead of the network signal icon.



Settings

- ▶ **ON**: You cannot make (or receive) any calls, including emergency calls or use other features that require network coverage.
- ▶ **OFF**: Deactivates Flight Mode and re-establishes your wireless connections.

Security

Various codes and passwords are used to protect the features and settings of your phone. They are described in the following sections.

- ▶ **Phone lock**: You can use a security code to avoid unauthorized use of the phone. If you set phone lock to When Power On, the phone will request a security code whenever you switch the phone on. If you set the phone lock to When SIM Changed, your phone will request a security code only when you change your SIM Card. If you set the phone lock to Lock Phone Now, your phone will lock immediately.

- ▶ **Change Codes**: The Change codes feature allows you to change your current password to a new one. You must enter the current password before you can specify a new one. You can change the access codes for: **Security Code, PIN1, PIN2**

- ▶ **PIN Code Request**: When the PIN code request feature is set to **ON**, you must enter your PIN each time you switch the phone on. Consequently, any person who does not have your PIN cannot use your phone without your approval.

❗ Note

Before setting the PIN code request feature to Off, you must enter your PIN.

The following options are available:

- ▶ **ON** : You must enter the PIN each time the phone is switched on.
- ▶ **OFF** : The phone connects directly to the network when you switch it on.
- ▶ **Fixed Dial Number**: This allows you to restrict your outgoing calls to selected phone numbers, if this function is supported by your SIM Card. The PIN2 code is required.

Reset Settings

This function allows you to restore factory settings. To do this, you need the security code.

- ▶ **Master Reset:** Restores the settings (e.g.: Audio, Display, Language, Date & Time, Bluetooth® Settings) stored in the handset memory to default values.
- ▶ **Master Clear:** Deletes downloaded/user created contents (e.g.: images, videos) from Handset content and the External Memory card.

Display

Touch , and the  tab, then choose **Display**.

Shop Wallpapers

Connects to AT&T's graphics download site.

Wallpapers

From this menu you can select to have a picture for a background or no background at all.

Fonts

You can configure the font size and color of the numbers which appear in the Dialing screen when you make a call.

Brightness

You can set the brightness of the display screen.

Backlight Timer

Use this to set the duration of the touch screen backlight and keypad.

Settings

Themes

You can change the whole look of display. Touch the screen and drag it from right to left and touch **Save** to change display theme from Black to White or vice versa.



Touch

Touch , and the  tab, then choose **Touch**.

You can customize the Touch settings and change Touchscreen Feedback types such as Vibration, Sound, Vibration & Sound and Silent.

Also you can choose Vibration type and adjust its intensity. When you set Sound as Touchscreen Feedback type, you can choose sound type and adjust its volume.

Dialpad Sound

This menu option allows you to select a tone that the phone sounds when a key is pressed. You can select an option between **Beep** and **Voice**.

Call

Touch  and the  tab, then choose **Call**.

Call Forwarding

When this network service is activated, you can direct your incoming calls to another number, for example, to your voice mailbox number. For details, contact AT&T. Select one of the divert options, for example, select **If Busy** to divert voice calls when your number is busy or when you reject an incoming call.


The following options are available:

- ▶ **All Voice Calls:** Diverts voice calls unconditionally.
- ▶ **If Busy:** Diverts voice calls when the phone is in use.
- ▶ **If No Answer:** Diverts voice calls which you do not answer.
- ▶ **If Out of Reach:** Diverts voice calls when the phone is switched off or out of coverage.
- ▶ **Deactivate All:** Turns Off all call forwarding options so that all incoming calls are received by your handset.

Send My Number

This network service allows you to set your phone number to be displayed **On** or hidden **Off** from the person you are calling. You can select **Set by Network** if you prefer to have different settings for different service providers.

Auto Redial

Select **On**, your phone redials the number you're trying to call up to 10 times after you hear a quick, busy signal. Press  to stop the call attempts.




This feature attempts to redial numbers that are engaged due to the wireless network. It does not redial numbers to an engaged party.

! Note

There will be no alert indicating the call has been connected. You must stay on the line to hear when the call is connected.

Answer Mode

This allows you to determine how to answer the phone.

- ▶ **Any Key:** You can answer an incoming call by touching the  or the .
- ▶ **Send Key Only:** You can only answer an incoming call by pressing the  key.

Minute Minder


This option allows you to specify whether the phone will beep every minute during a call to keep you informed of the length of the call.

Call Waiting

The network will notify you of a new incoming call while you have a call in progress. Select **Activate** to request the network to activate call waiting, or select **Deactivate** to request the network to deactivate call waiting or **View Status**, to check if the function is active or not.

Call Reject

This menu allows you to turn On or Off Call Reject for all numbers or the numbers in the Call Reject List.

- ▶ **Call Reject On/Off:** This feature allows you to choose whether to reject incoming calls, or calls from specific phone numbers. When the **Reject All Calls** option is set, all incoming calls are routed directly to Voicemail. **Reject on List** allows you to enable Call Reject for the numbers saved on your Call Reject List.
- ▶ **Call Reject List:** After touching , you can add to the call reject list by selecting [Contact List• or [New Number•. When you add a number to the Call Reject list, you can add the number by entering it directly or by searching for the number in the Contact List.

Send DTMF Tones

Select from  / .

TTY

Select from TTY On/TTY Off.

Hearing Aid

Select from Hearing Aid On/Hearing Aid Off .

Time & Cost

You can check Call Duration and Data Counter.

Connection

Bluetooth®

Touch , and the  tab, then choose **Connections** and **Bluetooth**.

Your phone has built-in Bluetooth® wireless technology, which makes it possible for you to connect your phone wirelessly to other Bluetooth® devices such as a hands-free device, PC, PDA or other phones. The devices registered in your phone can only be connected one at a time. (To make a connection to the same type of device or change Bluetooth® preferences, disconnect the existing device first.)

You can have a conversation via a cordless Bluetooth® hands-free phone or browse the Internet, wirelessly connected, via a mobile phone.

You can also exchange, for example, business cards, calendar items and pictures.

Music Playing is supported through a Bluetooth® headset.

Settings



Hands-free profile

This icon appears when the hands-free profile is connected between the hands-free device and the phone. This allows you to call using a Bluetooth® connection.



A2DP profile

This icon appears when the A2DP profile is connected between the stereo headset device and the phone. This allows you to listen to an audio clip. A2DP is the Advanced Audio Distribution Profile, which provides support for streaming either mono or stereo audio using Bluetooth®.



Hands-free + A2DP profile

This icon appears when both profiles of the hands-free and the A2DP are connected between the compatible device and the phone. This allows you to call and listen to an audio clip using a Bluetooth® connection.

When using each device, see the manual that comes with the device.

Note

We recommend that your phone and the Bluetooth® device you are communicating with should be no more than 10 meters apart. The connection may be improved if there are no solid objects between your phone and the other Bluetooth® device.

▶ **Bluetooth®:** This menu sets the Bluetooth®  or .

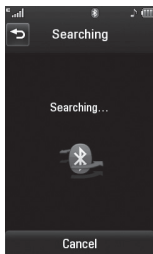
▶ **My Visibility**

- Selecting the  option exposes your phone to other Bluetooth® devices.
- Selecting  shows your phone to already-paired devices only.

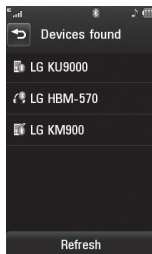
▶ **Search New Device:** This function allows you to search for and add new devices.

▶ **My Devices:** This function allows you to view the list of all devices that are paired with your phone.

1. Touch **New Device** to search for the device that can be connected, and which is also within range.



2. If you want to stop searching, touch **Cancel**.
3. All of the devices found are displayed.



Touch the desired device and enter the password. If you would like to search again, touch **Refresh**.


- ▶ **My Bluetooth® Info:** This menu allows you to configure the profile for Bluetooth®.
- **My Device Name:** Allows you to change the handset's name, this can be seen by other Bluetooth® devices.
- **Supported Services:** Shows you all services that the handset supports.
- **Primary Storage:** Select from Handset and Memory Card to save data you received using Bluetooth.

USB Connection Mode


You can transfer files from a compatible PC to the memory in your phone using the Mass Storage. When you connect the phone to a PC using the USB cable, this will be displayed as a removable disk through Windows Explorer.

The USB Connection Mode determines how your Phone will communicate with other USB devices when they are connected with a USB cable.

Internet Profiles

This menu shows the Internet Profiles. You can add, delete and edit Internet Profiles by using the  Menu. However, you cannot delete or edit default configurations provided by AT&T.

Access Points

This menu shows the Access Points. You can register, delete and edit by using the  Menu. However, you cannot delete or edit default configurations provided by AT&T.

Network Selection

Start Up Guide

This menu will start the animated guide. This guide will help you, using animated visuals, quickly learn some of the functions of your phone.

Memory

Used Space

This function shows the status of the user memory of the handset.

- ▶ **Phone Common:** This will display the memory currently used up in your phone and will categorize it by types of files using the memory.

- ▶ **Memory Card:** If your phone has a multimedia memory card in the card slot, you can save images, sounds and videos on the memory card. You can check the current status of the external memory card in the Memory status menu.
- ▶ **Phone Reserved:** This function shows the status of the reserved memory for the user (Text Message, Contacts, Calendar, Tasks, Memo).
- ▶ **SIM Card:** This function shows the status of the SIM Card user memory.

Set Storage Defaults

You can set Storage default for each case. When you need to save files from Camera, Internet Download, Bluetooth and Voice Recorder, set Phone Memory or Memory card. You can set each case separately or choose All and set the Storage Default all the same.

Applications Settings

This Menu allows you to adjust the settings to the following features on the phone:

Messaging

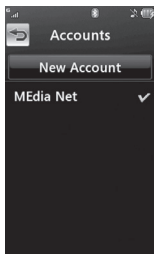
To set the message settings from standby screen, touch . Touch **Message Settings**. For more information regarding Message Settings, please refer to page 40.


Browser

Accounts

This includes the network information used to connect the browser to the Internet. Select the desired account by tapping the screen. This will activate the account that will be used for future connections. MEdia Net is the predefined account that is set as default.

Settings



The following options will be available when you touch :

- ▶ **Delete:** Allows you to delete the account.
- ▶ **Delete all**

Note

You cannot edit and delete pre-installed accounts. In order to create a new account, please fill in the network information.

- 1. Account Name:** Name associated with new account.
- 2. Homepage:** Homepage URL.
- 3. Internet Profile:** You can choose one from the Internet profiles.

Note

1. AT&T has provided default settings regarding account information.
2. Creating or editing an account requires caution. The browser cannot connect to the Internet if the account information is incorrect.

Appearance

You can choose the settings of the browser appearance (Text size, Character Encoding, Show Image, Java Script).

Cache

The web pages you have accessed are stored in the memory of the phone.

- ▶ **Clear Cache:** Remove all cached data in the memory.

Note

A cache is a buffer memory, which is used to store data temporarily, especially when it is online.

Cookies

The information of services you have accessed are stored in what is called a Cookie.

Rendering Mode

You can set the Rendering mode to **Standard** or **Text Only**.

Security

A list of the available certificates is shown.

- ▶ **Certificates:** You can see the list of certificates and view them in detail.
- ▶ **Clear Session:** Removes the secure session.

Secure Popup

You can control the pop-up which indicates a secure page or not.

Voice Command

• Mode

- **Speed:** voice command is abbreviated
- **Normal:** voice command is played normally

• Best Match

- **1 Match:** the most likely match will be displayed, finding a number from the address book
- **4 Matches:** the four most likely matched names will be displayed, finding a name from the address book

• Sensitivity

- **High:** Operation and performance of the voice recognition engine is rarely affected by the user's voice command and surrounding sound.
- **Medium:** Operation of voice recognition engine is normally affected by user's voice command and surrounding sound.
- **Low:** Operation of voice recognition engine is strongly affected by user's voice command and surrounding sound.

Settings

- **Speakerphone Mode**

- **Automatic On:** When this option is selected, sound is loud enough so you can hear the output when the phone is away from the ear, at a distance

- **Off:** When this option is selected, sound is quieter, and cannot be heard when the phone is away from the ear, at a distance


- **Call Alert:** Allows you to select an alert type between Ring Only, Ring After Name and Name Repeat.

Phone Information

This menu is used to view My Numbers, Model Name and Software Version.

Please check to see if any problems you have encountered with the phone are described in this section before taking the phone in for a service or calling a service engineer.

Q How do I view the list of outgoing calls, incoming calls and missed calls?

A Press the  key.

Q Why is the connection inconsistent or not audible in certain areas?

A When the frequency environment is unstable in a certain area, connection may be inconsistent and inaudible. Relocate to another area and try again.

Q Why is the connection inconsistent or abruptly disconnects even when established?

A When frequency is unstable or weak, or if there are too many users, a connection may be cut off even after it was established. Please try again later or attempt again after relocating to other areas.

Q Why won't the LCD turn on?

A Remove the battery, then replace it. Then turn on the power. If there is no change, fully charge the battery and try again.

Q Why does the phone heat up?

A The phone may get hot when there is a very long call duration, when games are played or even when surfing the Internet for a long time. This has no effect upon the life of the product or performance.

Q Why does the battery run out so quickly during normal use?

A This may be due to the user environment, a large number of calls or a weak signal.

Q Why is no number dialed when an Address Book entry is recalled?

A Check that the number has been stored correctly by using the Address book Search feature. Re-store them, if necessary.

Accessories

There are a variety of accessories available for your mobile phone, some of which may be sold separately. You can select these options according to your personal communication requirements. Consult your local dealer for availability.

Travel Adapter

This adapter allows you to charge the battery. It supports standard US 120 Volt 60Hz outlets.



Battery

Standard battery is available.



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 enquiries.

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. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the 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 100 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.

- ▶ Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- ▶ Keep away from electrical appliances such as TVs, radios, and personal computers.

For Your Safety

- ▶ The unit should be kept away from heat sources such as radiators or cookers.
- ▶ Do not drop.
- ▶ Do not subject this unit to mechanical vibration or shock.
- ▶ The coating of the phone may be damaged if covered with wrap or vinyl wrapper.
- ▶ Use dry cloth to clean the exterior of the unit. (Do not use solvent such as benzene, thinner or alcohol.)
- ▶ Do not subject this unit to excessive smoke or dust.
- ▶ Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- ▶ Do not tap the screen with a sharp object; otherwise, it may damage the phone.
- ▶ Do not expose the phone to liquid or moisture.
- ▶ Use the accessories like an earphone cautiously. Do not touch the antenna unnecessarily.

Memory card information and care

- ▶ The memory card cannot be used for recording copyright-protected data.
- ▶ Keep the memory card out of the small children's reach.
- ▶ Do not leave the memory card in extremely hot location.
- ▶ Do not disassemble or modify the memory card.

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.

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules. 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.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

For Your Safety

If this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ▶ Reorient or relocate the receiving antenna.
- ▶ Increase the separation between the equipment and receiver.
- ▶ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ▶ Consult the dealer or an experienced radio/TV technician for help.

Cautions for Battery

- ▶ Do not disassemble or open crush, bend or deform, puncture or shred.
- ▶ Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- ▶ Only use the battery for the system for which it is specified.
- ▶ Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- ▶ Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- ▶ Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- ▶ Promptly dispose of used batteries in accordance with local regulations.
- ▶ Battery usage by children should be supervised.

- ▶ Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- ▶ Improper battery use may result in a fire, explosion or other hazard.
- ▶ For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

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 while 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).

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 AT&T.

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.

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.

- ▶ Do not disassemble or open crush, bend or deform, puncture or shred.
- ▶ Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- ▶ Only use the battery for the system for which it is specified.
- ▶ Only use the battery with a charging system that has been qualified with the system per IEEE-Std-1725-2006. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- ▶ Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.

Safety Guidelines

- ▶ Replace the battery only with another battery that has been qualified with the system per IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- ▶ Promptly dispose of used batteries in accordance with local regulations.
- ▶ Battery usage by children should be supervised.
- ▶ Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- ▶ Improper battery use may result in a fire, explosion or other hazard.
- ▶ The phone shall only be connected to USB products that bear the USB-IF logo or have completed the USB-IF compliance program.

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.
- ▶ 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.
- ▶ 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.

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.

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.

Safety Guidelines

- ▶ 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.
- ▶ 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.
- ▶ 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 radiofrequency 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 radiofrequency 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:

- ▶ 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

Safety Guidelines

- ▶ 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 pre-disposed 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 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 long-term 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

Safety Guidelines

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.

7. How can I find out how much radio frequency 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 radio frequency 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 radio frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radio frequency 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

Safety Guidelines

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 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?

Radio frequency 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>)

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

Safety Guidelines

World Health Organization (WHO)
International EMF Project
(<http://www.icnirp.de>)

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 hands-free device. A number of hands-free 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.
- 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!

Safety Guidelines

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 non-emergency 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

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 radio frequency (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 1.6 W/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.

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 LG Arena phone when tested for use at the ear is 1.10 W/kg and when worn on the body, as described in this user's manual,

is 0.74 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 BEJGS390.

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

* 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.

Glossary

To help you understand the main technical terms and abbreviations used in this booklet and to take full advantage of the features on your mobile phone, here are a few definitions.

Call Barring

The ability to restrict outgoing and incoming calls.

Call Divert

The ability to reroute calls to another number.

Call Waiting

The ability to inform users that they have an incoming call when engaged on another call.

GPRS (General Packet Radio Service)

GPRS guarantees continuous connection to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched cellular phone connections and the Short Message Service (SMS).

GSM (Global System for Mobile Communication)

International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

Java

Programming language generating applications that can run on all hardware platforms, whether small, medium or large, without modification.

It has been promoted for and geared heavily towards the Web, both for public Web sites and Intranets. When a Java program runs from a Web page, it is called a Java applet. When it is run on a mobile phone or pager, it is called a MIDlet.

Line Identification Services (Caller ID)

Service allowing subscribers to view or block the telephone numbers of callers.

Conference Calls

Ability to establish a conference call involving up to five additional parties.

Phone Password

Security code used to unlock the phone when you have selected the option to lock it automatically each time it switches on.

Roaming

Use of your phone when you are outside your home area (for example, when traveling).

SDN (Service Dial Number)

Telephone numbers supplied by your network provider and giving access to special services such as voice mail, directory inquiries, customer support and emergency services.

SIM card

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service sending and receiving text messages to and from another subscriber, without the need to speak to the correspondent. The message created or received (up to 160 characters long) can be displayed, received, edited or sent.

Patent Information

This product was manufactured under one or more of the following US patents: 5276765, 5749067, 6061647

Index

A

Additional Music Services	52
Address Book	20
Answering a Call	14
Answer Mode	84
Audio	64
Auto Redial	83

B

Backlight Timer	81
Bluetooth®	84
Brightness	85

C

Calculator	70
Calendar	70
Call	83
Caller Groups	22
Changing the Text Input Mode	17
Charging your phone	9

D

Date & Time	78
Display	81
Drafts	36
During a Call	24

E

Entering Text	16
---------------------	----

G

Games	44
GPRS	118

I

IM	53
Inbox	35
Installing the SIM Card and Battery	8
Internet Profiles	88

L

Languages	79
-----------------	----

M

Making a Call	13
Memory Card	64
Messaging	31, 89
Minute Minder	84
Mobile Email	39
Music Player	46
My Numbers	23

Index

N

Notepad70

O

Outbox.....36

P

Phone Components.....6

Playing Music46

R

Record Video.....61

Ringtones44

S

Security 80, 91

Service Numbers23

Set Flight Mode79

Software Update92

Speed Dial.....22

Stopwatch.....73

T

Take Photo.....58

Tasks.....72

Template33

Tip Calculator.....73

TTY85

U

Unit Converter.....73

V

Video65

Videos.....45

Voicemail.....37

W

Wallpapers.....81

World Clock.....71

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