



LG

Life's Good

ENGLISH

User Guide

LG 305C

MFL68062901 (1.0)



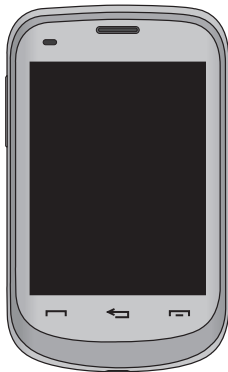
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ENGLISH

User Guide

- Screen displays and illustrations may differ from those you see on actual phone.
- Actual displays and the color of the phone may vary.
- Some of the contents of this guide may not apply to your phone, depending on the software and your service provider. All information in this document is subject to change without notice.
- This handset is not suitable for people who have a visual impairment due to the touch screen keyboard.
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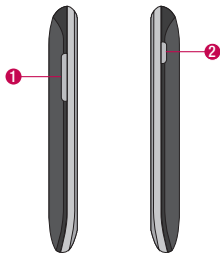
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Phone overview



- 1 Earpiece** Lets you hear the caller.
- 2 Proximity Sensor**
- 3 Home Screen** Displays incoming calls, messages and status icons as well as a wide variety of content you select to view.
- 4 Send Key** Use to place or answer calls. You can also press to access your Recent Calls.
- 5 Microphone** Allows other callers to hear you clearly when you are speaking to them.
- 6 End Key**
- 7 Back Key**
- 8 Camera Lens** Use to take photos. Keep it clean for optimal photo quality.
- 9 Earphone Jack** Allows the use of a headset to hear caller's voice.

Phone overview




- 1 Volume Keys** Use to adjust the Master Volume from the Home screen and the Earpiece volume during a call.
- 2 Power/End Key** Use to end a call and power on/off.

Your Home Screen

From the Home screen, 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

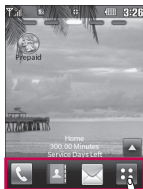
- The Home screen is also a great place to get accustomed to the touch screen.
- To select an item, touch the icon accurately.
- To scroll through lists, touch the last item visible and slide your finger up the screen. The list will move up so more items are visible.
- There's no need to press hard, the touchscreen is sensitive enough to pick up on a light yet firm touch.
- Use the tip of your finger to touch the desired option. Do not use your fingernail.

- When the screen light is off, press the **Power/Lock Key**  on the top side once to restore the Home 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 Home screen provide easy, one-touch access to your most used functions.

	<p>Touch to bring up the dial pad to make a call. Enter the number and touch Recent  or touch the Send Key .</p>
	<p>Touch to open your contacts and search for the number you want to call. You can also create new contacts and edit existing ones.</p>
	<p>Touch to access the Messages menu. From here you can view and create messages.</p>
	<p>Touch to open the main menu. Swipe the screen to the left or right to view additional options.</p>



Quick Keys



Phone overview

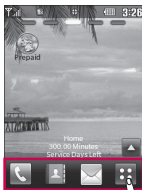
Home Screen

Your phone provides five Home screen panels. To view the Home screen panels, just swipe the screen from left to right and vice versa.

Widget

You can use Widgets and even add them to your Home screen for a personalized feel.

- 1 Touch  at the bottom right corner of the Home screen to view the available options.
 - 2 Touch the **Widget** button.
 - 3 Drag a widget from the widget panel to the screen. Touch  to close the widget panel.
- You can play songs, add memos, check the calendar, play a slide show, set an alarm, set second city or add calendar events directly from the Home screen using the available widgets.

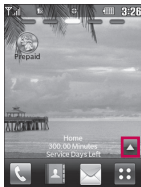


Quick Keys

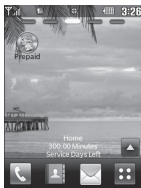
Favorite Contacts

Allows you to easily contact your friends and family by displaying your favorite contacts on the Home screen.

- 1 Touch  at the bottom right corner of the Home screen, then touch the **Contact** button.






- 2 Touch the contacts you want to add, then touch  **Add** to register your favorite contacts.



- If you want to delete a contact from this screen, touch .
- 3 Touch  to finish editing the Contacts on this screen.

Phone overview

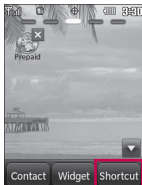
- To access your Contacts, simply touch their corresponding icon. Touch  to call,  to send a message and  to edit contact information.






Shortcuts

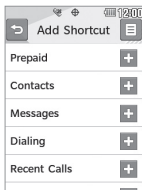
Add your favorite menus on the Home screen.

- 1 Touch  at the bottom right corner of the Home screen, then touch the **Shortcut** button.



— Shortcuts

- 2 Touch  next to the desired shortcut to add it to the Home screen.
 - If you want to delete a shortcut, touch .
- 3 Touch  to finish editing the shortcuts on this screen.



When you touch , the following Dialpad is displayed:

Touch and hold this key to call your voicemail box.

Touch this key to dial using Voice Commands.

Touch this key to view the recent call history.



Touch and hold this key to toggle your phone between Vibrate Mode and Normal Mode.

Touch this key to delete digits entered one by one. Hold down to delete the entire entry.

Touch this key to display your Contact List to view or call a Contact.

Main Overview

Menu Access

Touch  to access the phone's main menu. To access the main menu, first unlock the phone by touching  for a while.

Prepaid

- 1. Add Airtime
- 2. Buy Airtime
- 3. My Phone Number
- 4. My Airtime Info
- 5. Airtime Display
- 6. Serial Number
- 7. Code Entry Mode

Contacts

- 1. New Contact
- 2. Contact List
- 3. Groups
- 4. Speed Dials
- 5. My vCard

Messages

- 1. New Text Message
- 2. New Media

- Message
- 3. Inbox
- 4. Outbox
- 5. Drafts
- 6. Voicemail
- 7. Templates
- 8. Delete All
 - 1. Delete Inbox
 - 2. Delete Outbox
 - 3. Delete Drafts
 - 4. Delete All Messages
- 9. Message Settings
 - 1. Reply Settings
 - 1. Text Message Only
 - 2. Selection
 - 2. Entry Mode
 - 1. T9
 - 2. Abc
 - 3. ABC

- 4. 123
- 3. Signature
 - 1. Off
 - 2. On
 - 3. Edit Signature
- 4. CMAS Alert
 - 1. Extreme Alert
 - 1. On
 - 2. Off
 - 2. Severe Alert
 - 1. On
 - 2. Off
 - 3. AMBER(Child Abduction Emergency)
 - 1. On
 - 2. Off
 - 4. Alert Reminder
 - 1. Once
 - 2. Every 2

- Minutes
- 3. Every 15 Minutes
- 4. Off
- 5. Alert Vibrate
 - 1. On
 - 2. Off

Dialing

Call History

- 1. Missed Calls
- 2. Received Calls
- 3. Dialed Calls
- 4. All Calls
- 5. Call Timer

Games & Apps

- 1. Buy Games
- 2. Bejeweled Demo
- 3. Nimbuzz

4.Opera Mini7

5.Tetris Demo

Calendar

Camera

Video Camera

Alarm

Browser

Settings

1. Call Settings

1. Answer Options

1. Any Key

2. Auto with Handsfree

2. TTY Mode

1. TTY Full

2. TTY + Talk

3. TTY + Hear

4. TTY Off

3. One Touch Dial

1. ON

2. OFF

4. Voice Privacy

1. Enhanced

2. Standard

2.Touch Settings

1. Auto Touch Lock

1. ON

2. OFF

2. Tone Type

1. Click

2. WoodBlock

3. Beep

4. Off

3.Phone Settings

1. Airplane Mode

1. ON

2. OFF

2. Language (Idioma)

1. English

2. Español

3. Location

1. Location On

2. E911 Only

4. Security

1. Change Lock Code

1. Phone Only

2. Call & Applications

2. Restrictions

1. Incoming Calls

2. Outgoing Calls

3. Incoming SMS

4. Outgoing SMS

5. Incoming MMS

6. Outgoing MMS

3. Auto Device Lock

1. 5 Minutes

2. 10 Minutes

3. 15 Minutes

4. 30 Minutes

5. 1 Hour

6. Off

4. Lock Phone

1. Unlock

2. Lock

3. On Power Up

5. Reset Default

5. System Select

1. Home Only

2. Automatic

4. USB Mass Storage

1. On

2. Off

5. Memory

1. Phone Memory

2. Card Memory

3. Save Options

1. Images

1. Phone Memory

2. Card Memory

2. Videos

1. Phone Memory

2. Card

Main Overview

- Memory
- 3. Ringtones
 - 1. Phone Memory
 - 2. Card Memory
- 6. Phone Info
 - 1. My Number
 - 2. ESN/MEID
 - 3. Icon Glossary
 - 4. SW/HW Version

Voice Recorder

Images

- 1. My Images
- 2. Default Images
- 3. Buy Graphics

Music Player

- 1. Last Played Song
- 2. All Songs
- 3. Artists
- 4. Albums
- 5. Genres

- 6. My Playlists
- 7. Settings

Notepad

Sounds

- 1. My Ringtones
- 2. Default Ringtones
- 3. Buy Ringtones

Video

Sound Settings

- 1. Master Volume
- 2. Call Sounds
 - 1. Call Ringtone
 - 2. Caller ID
 - 3. No Caller ID
 - 4. Restricted Calls
 - 5. Roaming
- 2. Call Vibrate
 - 1. ON
 - 2. OFF

- 3. Caller ID Readout
 - 1. Ring Only
 - 2. Caller ID + Ring
 - 3. Name Repeat
- 3. Alert Sounds
 - 1. Text Message
 - 1. Ringtone
 - 2. Vibrate
 - 1. ON
 - 2. OFF
 - 3. Reminder
 - 1. Once
 - 2. Every 2 Minutes
 - 3. Every 15 Minutes
 - 4. Off

3. Alert Sounds

- 1. Text Message
- 1. Ringtone
- 2. Vibrate
 - 1. ON
 - 2. OFF
- 3. Reminder
 - 1. Once
 - 2. Every 2 Minutes
 - 3. Every 15 Minutes
 - 4. Off

2. Media Message

- 1. Ringtone
- 2. Vibrate
 - 1. ON
 - 2. OFF
- 3. Reminder

1. Once

- 2. Every 2 Minutes
- 3. Every 15 Minutes
- 4. Off
- 3. Voicemail
 - 1. Ringtone
 - 2. Vibrate
 - 1. ON
 - 2. OFF
 - 3. Reminder
 - 1. Once
 - 2. Every 2 Minutes
 - 3. Every 15 Minutes
 - 4. Off
 - 4. Emergency Tone
 - 1. Vibrate Only
 - 2. Ring & Vibrate
 - 5. Missed Call
 - 1. Ringtone
 - 2. Vibrate
 - 1. ON

- 2. OFF
- 3. Reminder
 - 1. Once
 - 2. Every 2 Minutes
 - 3. Every 15 Minutes
 - 4. Off
- 4. Button Sounds
- 5. Service Alerts
 - 1. Call Connect
 - 1. ON
 - 2. OFF
 - 2. Low Battery
 - 1. Announce
 - 2. Tone
- 6. Power On/Off
 - 1. Power On Sound
 - 1. ON
 - 2. OFF
 - 2. Power On Vibrate
 - 1. ON
 - 2. OFF
 - 3. Power Off

- Sound
 - 1. ON
 - 2. OFF
 - 4. Power Off Vibrate
 - 1. ON
 - 2. OFF

Wi-Fi

- 1. Btn
 - 1. Turn On
 - 2. Turn Off
- 2. Btn(Sleep Setting)
 - 1. When Screen Turns Off
 - 2. Never When Plugged In
 - 3. Never
 - 4. Help
- 3. Btn(Connection Log)/ Refresh
- 4. Option(Title Option)
 - 1. Connection Logs
 - 2. My Mac

- Address
 - 3. Wi-Fi Sleep Setting
 - 1. When Screen Turn Off
 - 2. Never When Plugged In
 - 3. Never
 - 4. Help

Bluetooth

- 1. Btn(Turn On/Turn Off)
- 2. Btn(Show/Hide)
- 3. Btn(Add)
- 4. Option(Title Option)
 - 1. My Device Info
 - 2. Discovery Mode
 - 3. Supported Profiles

Display Settings

- 1. Display Backlight
 - 1. 7 Seconds

- 2. 15 Seconds
- 3. 30 Seconds
- 4. 1 Minute
- 2. Brightness
 - 1. Level 1
 - 2. Level 2
 - 3. Level 3
 - 4. Level 4
- 3. Wallpaper
- 4. Font Settings
 - 1. LG Gothic
 - 2. LG Serif
 - 3. LG Joy
 - 4. LG Mint
- 5. Dial Font Size
 - 1. Small
 - 2. Normal
 - 3. Large
- 6. Menu Font Size
 - 1. Small
 - 2. Normal
 - 3. Large
 - 4. Very Large
- 7. Name Match for Dialing
 - 1. ON

Main Overview

2. OFF
8. Pattern Lock
 1. ON
 2. OFF

Accessibility

1. Menu Readout
 1. ON
 2. OFF
2. Dial Readout
 1. ON
 2. OFF
3. Large Text
 1. ON
 2. OFF
4. Invert Color
 1. ON
 2. OFF
5. Mono Sound
 1. ON
 2. OFF
6. TTY
 1. TTY Full
 2. TTY + Talk
 3. TTY + Hear
 4. TTY Off

7. Caller ID Readout
 1. Ring Only
 2. Caller ID + Ring
 3. Name Repeat

Calculator

Stopwatch

Tip Calculator

Unit Converter

1. Area
2. Length
3. Mass
4. Temperature
5. Volume
6. Velocity

Voice Command

1. Call <Name or Number>
2. Send Msg to <Name or

- Number or Group>
1. Text Message
2. Media Message
3. Check <Item>
 1. Phone Status
 2. Voicemail
 3. Messages
 4. Missed Calls
 5. Time
 6. Signal Strength
 7. Battery Level
 8. Volume
 9. My Number
4. Contacts <Name>
 1. Call
 2. Read Out
 3. Create New
 4. Modify
 5. Delete
5. Play
6. Help

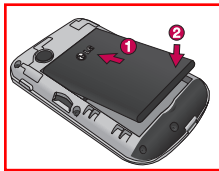
Getting Started with Your Phone

The Battery

NOTE: It is important to fully charge the battery before initial use of the phone.

Installing the Battery

- 1 Remove the battery from its packaging.
- 2 Insert the battery into the battery compartment in the back of the phone. Make sure the connectors align (see step 1 in the following illustration).
- 3 Gently press down to secure the battery (see step 2 in the following illustration).
- 4 Position the back cover over the battery compartment and press down until you hear a click (see step 3 in the following illustration).



Removing the Battery

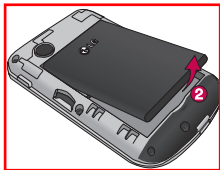
- 1 Turn the power off.
- 2 Lift the back cover using the fingertip cutout located at the bottom of the cover and remove it.

Getting Started with Your Phone

- 3 Lift the battery using the fingertip cutout located at the bottom of the battery compartment and remove it from the phone.

WARNING

Do not handle a damaged or leaking Li-Ion battery as you can be burned.



Charging the Battery

Your LG 305C device comes with a travel adapter and a USB cable which connect together to charge your phone. To charge your phone:

NOTE: Please use only an approved charging accessory to charge your LG phone. Improper handling of the Accessory/Charger Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.



NOTICE: Please make sure that the 'B' side faces up before inserting a charger or USB cable into the Accessory/Charger Port of your phone.

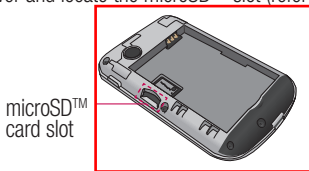
Plug one end of the USB cable into the phone's Accessory/Charger Port and the other end into an electrical outlet.

The charge time varies depending upon the battery level.

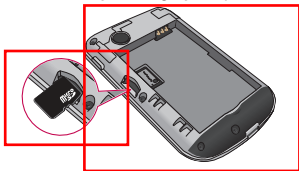
NOTE: Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

How to Install Your microSD™ Card

- 1 Remove the back cover and locate the microSD™ slot (refer to image below).



- 2 Insert the microSD™ card with the label side facing upwards and the gold contact area downwards. Then gently push in until it clicks into the slot. If you insert the card in the wrong direction, it may damage your phone or your card.



Getting Started with Your Phone

How to Remove Your microSD™ Card

- 1 Remove the back cover and locate the microSD™ card slot. Then gently press and release the exposed edge of the microSD™ card to eject it.
- 2 Remove the microSD™ card from the slot and replace the back cover.

NOTE: Do not attempt to remove the microSD™ card while reading or writing to the card.


Battery Charge Level

The battery charge level is shown at the top right corner of the Home screen. When the battery charge level becomes low, the low battery sensor alerts you in three ways: sounding an audible tone, blinking the battery icon, and displaying a warning message.

If the battery charge level becomes exceedingly low, the phone automatically switches off and any function in progress is not saved.

Turning the Phone On and Off


Turning the Phone On

- 1 Install a charged battery or connect the phone to an external power source if the battery level is low.
- 2 Press  for about 3 seconds until the LCD screen lights up.

Turning the Phone Off

1 Press and hold  until the LCD turns off.





Signal Strength

Call quality depends on the signal strength in your area. The signal strength is indicated on the screen as the number of bars next to the signal strength icon . The more bars, the better the signal strength. If the signal quality is poor, move to an open area. If you are in a building, the reception may be better near a window.



Screen Icons

To see the icon glossary, touch **Menu**  > **Settings**  > **Phone Info** > **Icon Glossary**. Then choose the type of icons you want to see.

Making Calls


- 1 Touch  and enter the phone number (include the area code if needed).
- 2 Touch  or touch .
- 3 Touch  to end the call.

Correcting Dialing Mistakes

If you make a mistake while dialing a number, touch  or  once to erase the last digit entered, or hold down  or  for at least 2 seconds to erase all the digits you have entered.



Getting Started with Your Phone



Redialing Calls

- 1 Touch  twice to redial the last number you dialed. If you Touch once, the most recent (Missed, Received and Dialed) calls in your history list will display. You can select any of these calls to place an outgoing call.

Receiving Calls

- 1 When the phone rings and/or vibrates, Touch  to answer.



TIP! The Call Settings menu allows you to choose your answer options. To access the Answer Options, touch **Menu**  > **Settings**  > **Call Settings** > **Answer Options**. The following options are available:
Any Key, Auto with Handsfree.

NOTE: If you touch  or  (Volume Keys), while the phone is ringing, the ringing or vibration is muted for that call.

- 2 Touch  to end the call.

Quick Access to Convenient Features



Lock Mode

Sets your phone to require a 4-digit Lock Code in order to use the phone. To set Lock Mode on when turning on the phone, touch **Menu**  > **Settings**  > **Phone Settings** > **Security** > **Enter your Lock Code** > **Lock Phone** > **On Power Up**. To lock the phone immediately, touch **Lock** instead of On Power Up.

NOTE: Until you change it, the default Lock Code is the last 4 digits of your phone number.

Speakerphone Function

This function can be accessed during a phone call or from the Home screen.



During a phone call, touch  once to activate the speakerphone. Touch  again to deactivate the speakerphone function.

OR

From the Home screen, touch and hold .

Quick Volume Adjustment



Use the Volume Keys to adjust the Master Volume from the Home screen, and the Earpiece volume during a call. The upper Volume Key increases the volume and the lower Volume Key decreases the volume.

NOTE: The keypad volume is adjusted through the Button Sounds submenu of the Sounds Settings menu. (**Menu**  > **Sounds Settings**  > **Button Sounds**).

Quick Access to Convenient Features

Call Waiting

Your cellular service may offer call waiting. While a call is in progress, two beep sounds indicate another incoming call. When call waiting is enabled, you may put the active call on hold while you answer the other incoming call. Check with your cellular service provider for information about this function.

- 1 Touch  to answer a waiting call.
- 2 Touch  again to switch between calls.

Caller ID

Caller ID displays the phone number or name of the incoming call. If the caller's identity is stored in Contacts, the name will appear along with the phone number. Check with your service provider to ensure they offer this feature.

Speed Dialing

Speed dialing is a convenient feature that allows you to make phone calls quickly. A number key can be assigned to a specific phone number. By touching and holding down a number key, your phone will recall the phone number associated from the Contact List and dial that phone number for you. Speed Dial Number 1 is set to Voicemail by default and is unchangeable.

Dialing Single Digit Speed Dials (from 2 to 9)

Enter and hold the Speed Dial number.

OR

Enter the Speed Dial number and touch .

Dialing Double Digit Speed Dials (from 10 to 99)

Enter the first digit and then touch and hold the key of the second digit.

OR

Enter the first and second digits and touch .

Quick Access to Convenient Features

Text Input

Each time you touch a data entry field, the touchscreen automatically displays a keypad allowing you to enter text, numbers, and symbols. For example, in a text field, an alphabet keypad appears, but you can also switch to number mode to enter digits.



Options:

Keyboard/ Insert Template/ Save As Draft/Add/ Priority Level/ Callback #/ Save Template/ Cancel Message

Touch to change the text input: T9/ Abc/ ABC/ 123/ Symbols

Handwriting input mode.

Touch to delete text.

Contacts in Your Phone's Memory

The Basics of Storing Contacts Entries

- 1 Enter the phone number you want to save (up to 48 digits).
- 2 Touch **Save** and select either **Add New Contact** or **Update Existing** on the pop-up screen.
- 3 Touch a Phone Label.

Mobile 1/ Home 1/ Office 1/ Mobile 2/ Fax/ Home 2/ Office 2/ Email 1/ Email 2

NOTE: Use **Existing Entry** to add another phone number to a contact already stored in memory.

- 4 Touch the **Name** field and enter a name for the contact (up to 32 characters). Then touch **Done** and **Save**. A confirmation message is displayed briefly.

Phone Numbers With Pauses

When you call automated systems such as voicemail or credit billing numbers, you often have to enter a series of numbers to navigate through the system. Instead of entering these numbers by hand, you can store the numbers in your Contacts separated by special pause characters (W, P). There are two different types of pauses you can use when storing a number:

Wait (W)




The phone stops dialing until you touch **Release** to advance to the next number.

Pause (P)



The phone waits 2 seconds before sending the next string of digits.

Contacts in Your Phone's Memory

Storing a Number with Pauses

- 1 Touch  > **Contacts**  > **New**.
- 2 Enter a name (up to 32 characters) and touch the number field to enter a number.
- 3 Touch  and select **Add Wait** or **Add 2-Sec Pause**.
- 4 Enter the additional number(s), touch **Done** and then **Save**.


Adding a Pause to an Existing Number

- 1 Touch  > **Contacts**  > **Contact List**.
- 2 Scroll through the list and touch the Contact entry you wish to edit.
- 3 Touch **Edit**.
- 4 Touch the number.
- 5 Touch .
- 6 Touch **Add Wait** or **Add 2-Sec Pause**.
- 7 Enter the additional number(s), touch **Done** and then **Save**.


Searching Your Phone's Memory

The LG 305C phone is able to perform a dynamic search of the contents in your phone's memory. A dynamic search compares entered letters or numbers against the entries in your Contacts. A matching list is displayed in descending order. You can then select a number from the list to call or edit.



Searching by Letter

- 1 Touch  to display your contacts.
- 2 Touch **Go To** followed by the key(s) on the alphanumeric keypad that corresponds with the letters in the Contact's name. The matching contacts will be displayed.

Scrolling Through Your Contacts



- 1 Touch  to display your Contacts.
- 2 Use your finger to scroll up and down through the list.

Accessing Options


- 1 Touch  to display your Contacts.
- 2 Touch .
- 3 Touch one of the following options:
 - Send via Bluetooth:** Send a contact(Name Card) via Bluetooth®.
 - Delete:** Delete the selected entry from your Contacts.
 - Message:** Send a text message or picture message to the selected contact.
 - Lock/Unlock:** Lock or Unlock your contacts.
 - Copy to Card:** Copies your contacts to your memory card.

Making a Call From Your Phone's Memory

Once you have stored phone numbers in your Contacts, you can place calls to those numbers quickly and easily.

- By touching a phone number in Contacts or Call History and touching  or .
- By using Speed Dialing.

From Contacts

- 1 Touch  to display your Contacts.
- 2 Touch the Contact entry.
- 3 Touch the phone number.

Contacts in Your Phone's Memory

From Recent Calls

1 Touch  > **Recent Calls** .



2 Touch the type of recent call.

Missed Calls/ Received Calls/ Dialed Calls/ All Calls

3 Touch the phone number.

4 Touch **Call** or touch  to place the call.

Speed Dialing

For a single-digit Speed Dial, touch and hold the digit then touch . For a double-digit Speed Dial, touch the first digit and hold the second digit or touch the first and second digits, then touch .



Using Phone Menus

Prepaid

For prepaid services, this menu provides shortcut access to the following items among others:

1. Add Airtime

Allows you to add airtime.

- 1 Touch  > 
- 2 Enter airtime PIN and touch 'ok icon'
- 3 Read the displayed message, then select Yes or No.

2. Buy Airtime

You can choose 4 types of Airtime.

60 mins./ 120 mins./ 200 mins./ 450 mins.

3. My Phone Number

My Phone Number displays the device's phone number.

4. My Airtime Info

You can check the Minutes and Service End Date.

5. Airtime Display

You can activate Balance/ Service End Date conditions.

Using Phone Menus

6. Serial Number

Serial Number simply displays the information of your phone's MEID.

7. Code Entry Mode

Code Entry Mode will allow the phone to accept TracFone-related codes in order to add units, modify specific data and troubleshoot the phone. In using the Code Entry Mode, you can't receive incoming calls or use events alert.



Contacts

The Contacts menu allows you to store names, phone numbers and other information in your phone's memory.

1. New Contact

Allows you to add a new contact to your Contact List.

NOTE: Use **Existing Entry** to add another phone number to a contact already stored in memory.

- 4 Touch  > **Contacts**  > **New Contact**.
- 5 Enter the name.
- 6 Continue entering Contact information by touching the corresponding fields and entering the desired information.
- 7 Touch **Save** to save the new contact.

2. Contact List

Allows you to view your Contact List.

1 Touch  > **Contacts**  > **Contact List**.

2 Choose from the following options:

Scroll through your Contacts alphabetically.

Touch  to select one of the following options:

Send via Bluetooth/ Delete/ Message/ Lock/Unlock/ Copy to Card


3. Groups

Allows you to view your grouped Contacts, add a new group, change the name of a group, or delete a whole group.

1 Touch  > **Contacts**  > **Groups**.

2 Choose from the following options:

Touch a group to view.

Touch a group, then touch  to choose from the following options:

Manage Groups - Edit group/ Delete Group(s)/ Send via Bluetooth.

4. Speed Dials

Allows you to view your Speed Dials list, designate new Speed Dials, or remove Speed Dial designations entered in your Contacts.

1 Touch  > **Contacts**  > **Speed Dials**.

2 Touch the desired Unassigned number from the list.

Using Phone Menus

- 3 Touch the Contact you would like to assign a Speed Dial to. Then touch **Yes**. A confirmation message is displayed.

NOTE: Your Voicemail is already set to speed dial 1. This is a default setting and cannot be changed.

5. My vCard

Allows you to view all of your personal Contact information including name and phone numbers.

- 1 Touch  > **Contacts**  > **My vCard**.
- 2 Touch **Edit**.
- 3 Touch the field you want to edit.
- 4 Edit the information as necessary and touch **Save**.

NOTE: You cannot edit your mobile phone number, but you can add an additional phone number.


Messages

The LG 305C can store up to 600 messages and notifications (SMS 300/CMAS 100/MMS 100/MMS Notification 100). Other limits, such as available characters per message, may exist. Please check with your service provider for system features and capabilities.



1. New Text Message

Allows you to send text messages and e-mail. Each message will be formatted and sent according to the destination address.

The Basics of Sending a Text Message

- 1 Touch **Messages**  > **New Text Message**.
- 2 Touch **Edit Number** to manually enter the address or **Add Contact** to add the address from your Contacts List.
- 3 Touch the **Text** field to enter text.
- 4 Type your message.
- 5 Touch **Done**, then touch **Send**.

Text Message Options

- 1 Touch **Messages**  > **New Text Message**.
- 2 Touch .
- 3 Touch the option(s) to customize.
 - Preview** Allows you to preview the message before sending it. You can touch **Edit** to continue editing or **Send** to send it.
 - Save As Draft** Save the current message draft.

Using Phone Menus

Priority Level Choose **High/ Normal** to set the priority level of your message.

Callback # Choose **On/ Off** to set your callback number to be sent with the message.

Cancel Message Allows you to cancel the message.

- 4 Complete the message and send it.

Text Options

While you are composing the text of a message, you have various options to customize the text.

- 1 Touch **Messages**  > **New Text Message**.

- 2 Touch the **Text** field to enter text.

- 3 Touch .

- 4 The following options are available:

Keyboard/ Insert Template/ Save As Draft/ Add/ Copy Text/ Priority Level/ Callback #/ Save Template/ Cancel Message

- 5 Complete your message and send or save it.

2. New Media Message


Allows you to send messages with text, pictures, sounds, and a subject.

- 1 Touch **Messages**  > **New Media Message**.

- 2 Touch **Edit Number** to manually enter the address or **Add Contact** to add the address from your Contacts List.


- 3 Touch the corresponding field to add **Text, Image/ Video, Sound** and **Subject** to your message.

- 4 Touch the file you want to add.

- 5 When you touch the sound field, you have the option of attaching a saved sound file, or recording a new one.
- 6 The following options are available by touching :
Keyboard/ Preview/ Save As Draft/ Copy Text/ Insert Template/ Add Slide/ Priority Level/ Call Back #/ Save Template/ Cancel Message
- 7 Touch **Send** to send the message.

3. Inbox



The phone alerts you in 3 ways when you receive a new message:

- Displaying a notification message on the screen.
- Displaying the message icon .
- Playing an audio tone or vibrating, depending on your personal sound settings.


Received text messages and media messages may be searched and the contents viewed. Received messages are displayed from newest to oldest.

Viewing Your Inbox




Up to 600 Messages (300 SMS, 100 CMAS, 100 MMS, and 100 MMS notifications) can be stored in the Inbox.















- 1 Touch **Messages**  > **Inbox**.
- 2 Touch a message thread, then select the desired message.
 - Touch **Reply** to reply to the message.
 - Touch **Delete** to delete the message.
 - OR -
 - Touch  to choose from the following options:
Sort by/ Delete/ Lock/ Unlock/ Delete Inbox/ Settings

Using Phone Menus

- 3 While viewing the selected message, touch  for the following options:
- Play Again** Allows you to play the attached file again.
 - Forward** Forwards a received message to other destination address(es).
 - Reply with Copy** Allows you to reply with the copied sentences/phrases.
 - Save Picture** Allows you to save the pictures you received.
 - Save As Ringtone** Allows you to save sound as your ringtone.
 - Save Sound** Allows you to save the attached media to your phone. (Only for messages with audio attached.)
 - Save Template** Allows you to save the template.
 - Lock/Unlock** Locks or unlocks the selected message.
 - Go to URL** Accesses the website by starting the Browser. (Only for messages containing a URL.)
 - Add To Contacts** Choose **Add New Contact/ Update Existing** to save the phone number in your Contacts.
 - Extract Address** Allows the address included in the message to be extracted for viewing.
 - Message Info** Shows the message's Type, Priority, Status Subject, Size and Attachment name.



Message Icon Reference

	New Text Message		Text Message Read
	New MMS Message		New MMS Message Received
	MMS Message Unread		MMS Message Read

	Message Delivered		Message Failed
	Multiple Messages Delivered		Message Sent
	Multiple Messages Delivery Incomplete		Multiple Messages Failed
	Multiple Messages Sent		Text Message Draft
	MMS Message Draft		Namecard
	High Priority		Lock
	messaging		List

4. Outbox

The Outbox is a place where you can find your sent messages.

- 1 Touch **Messages**  > **Outbox**.
- 2 Touch to choose from the following options:
Sort by/ Delete/ Lock/ Unlock/ Delete Outbox/ Settings
- 3 While viewing the selected message, touch  for the following options:
Play Again/ Forward/ Lock/ Save Template/ Add To Contacts/ Extract Address/ Message Info

Using Phone Menus

5. Drafts

Displays saved draft messages.

1 Touch **Messages**  > **Drafts**.

2 Touch  to choose from the following options:

Delete Deletes the selected message from Drafts.

Lock/Unlock Locks or unlocks the selected message(s).

Delete Draft Deletes all Draft messages at one time.

Settings Reply Settings/ Entry Mode/ Signature/ CMAS Alert

3 Touch a Draft message to edit it.

6. Voicemail

Allows you to view new voice messages recorded in your voicemail box. Your phone will alert you when you receive a new voice message.

Checking Your Voicemail Box

1 Touch **Messages**  > **Voicemail**.

2 Choose from the following options:

Touch **Clear** to clear the voicemail counter.

Touch **Call** to listen to the message(s).

7. Templates

Allows you to display, edit, and add text templates. These text templates allow you to reduce manual text input into messages.

- 1 Touch **Messages**  > **Templates**.
- 2 Touch **New** to create a new template.
- 3 After editing the new template, touch **Save** to save it.

8. Delete All

Allows you to erase all the messages stored in your Inbox, Outbox, or Drafts message folders. You can also erase all messages at the same time.

- 1 Touch **Messages**  > **Delete All**.
- 2 Touch **Delete Inbox/ Delete Outbox/ Delete Drafts/ Delete All Messages**.
- 3 Confirm in the pop-up message.

9. Message Settings

Allows you to configure settings for Messaging.

- 1 Touch **Messages**  > **Message Settings**.

Message Settings Sub-Menu Descriptions

- 1 **Reply Settings (Text Message Only/ Selection)**

Allows you to choose what reply option is allowed when replying to messages. Choose **Text Message Only** to only reply with text messages or choose **Selection** to have the option to reply with a text or picture message.

- 2 **Entry Mode (T9, Abc, ABC, 123)**

Allows you to select the default input method.

- 3 **Signature (On/ Off)**

Using Phone Menus

Allows you to create/edit a signature and choose to automatically send it with your messages.


4 CMAS Alert

Allows you to opt in/out Emergency Alerts. Presidential alert are mandatory. For more detail, you can see help text by touching **Help**.




Recent Calls

The Recent Calls menu is a list of the last phone numbers or Contact entries for calls you missed, received, and dialed. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

NOTE: To view a quick list of all your recent calls, touch  from the Home screen.



1. Missed Calls

Allows you to view the list of missed calls; up to 90 entries.

- 1 Touch  > **Recent Calls**  > **Missed Calls**.
- 2 Touch an entry and touch  for the following options:
Save To Contacts (Contact Info)/ Delete/ Lock/ Unlock/ Call Timer
- 3 Touch  to return to the Home screen.

2. Received Calls

Allows you to view the list of received calls; up to 90 entries.

- 1 Touch  > **Recent Calls**  > **Received Calls**.
- 2 Touch an entry and touch  for the following options:
Save To Contacts (Contact Info)/ Delete/ Lock/ Unlock/ Call Timer
- 3 Touch  to return to the Home screen.

3. Dialed Calls

Allows you to view the list of dialed calls; up to 90 entries.

- 1 Touch  > **Recent calls**  > **Dialed Calls**.
- 2 Touch an entry and touch  for the following options:
Save To Contacts (Contact Info)/ Delete/ Lock/ Unlock/ Call Timer
- 3 Touch  to return to the Home screen.

4. All Calls





Allows you to view a list of the most recent Missed, Received and Dialed calls.

- 1 Touch  > **Recent Calls**  > **All Calls**.
- 2 Touch an entry and touch  for the following options:
Save To Contacts (Contact Info)/ Delete/ Lock/ Unlock/ Call Timer
- 3 Touch  to return to the Home screen.

Using Phone Menus



5. Call Timer

Allows you to view the duration of selected calls.

- 1 Touch  > **Recent Calls**  > **Call Timer**.
- 2 Call times are displayed for the following types of calls:
Last Call/ Dialed Calls/ Received Calls/ Roaming Calls/ All Calls/ Last Reset/ Lifetime Calls
- 3 Touch  to reset an individual timer or  to reset all timers.

Games & Apps

Allows you to download and play Java games and applications to your enjoyment.

- 1 Touch  > **Games & Apps** .
- 2 Games are displayed
Bejeweled Demo/ Nimbuzz/ Opera Mini 7/ Tetris Demo



Multimedia

View, take, and share your digital pictures and audio right from your wireless phone.

1. Camera

- 1 Touch  > **Camera** .

The following Camera options are available:

-  **Back** To return to the menu.
-  **Brightness** To adjust the brightness.

 **White Balance** Auto/ Sunny/ Cloudy/ Fluorescent/ Glow


 **Video** Takes a video.

 **Take** Takes a picture.

 **Images** To view the photos in the Images folder.

 **Settings**

 **Resolution** 1600X1200/ 1280X960/ 640X480/ 320X240

 **Shutter Sound** Shutter 1/ No Sound/ Shutter 2/ Click

 **Color Effects** Normal/ Negative/ Aqua/ Sepia/ Black & White

 **Self Timer** Off/ 3 Seconds/ 5 Seconds/ 10 Seconds

 **Night Mode** On/ Off

 **Auto Save** On/ Off

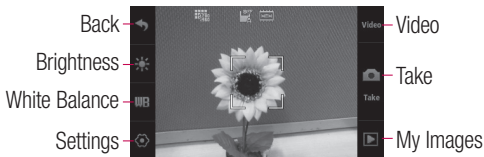
 **Save Option** Internal/ External

 **Send Reminder** On/ Off

 **Quality** Normal/ Fine/ Super Fine

 **FunFrame** Allows you to choose fun frames for

 **Multishot** Off/ 3 Shots/ 6 Shots



2 Take a picture by touching .

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- 3 A menu with options to send the image is displayed. You can choose from **Send**, to send the photo via picture message, or **View**, to view the image.

2. Video Camera

- 1 Touch  > **Video Camera** .
- 2 Touch  to start recording.
- 3 Touch **Stop** to stop the video.

3. Voice Recorder

Allows you to record voice and sounds.

- 1 Touch  > **Voice Recorder** .
- 2 Touch  **Record** to start recording.
- 3 Once recording has started, the following options are available:
 - Touch  to stop the recording.
 - Touch  to pause the recording.

Once the recording has stopped, the audio file will be automatically saved.

4. Images



- 1 Touch  > **Images** .
- 2 Touch **My Images** to view pictures you've taken, touch **Default Images** to view pre-loaded images, and touch **Buy Graphics** to buy some images.

5. Video

Allows you to view video files saved in your phone.

- 1 Touch  > **Videos** .
- 2 Touch a video to view it.

6. Sounds

- 1 Touch  > **Sounds** .
- 2 Touch **My Ringtones** to view and listen to the ringtones you've created, touch **Default Ringtones** to view and listen to pre-loaded ringtones, and touch **Buy Ringtones** to buy some ringtones.

7. Music Player

Allows you to listen to songs stored in your memory card.

To access this feature, there should be stored music in your memory card.

Notes:

- Be sure to use only recommended microSD™ cards. Using non-recommended microSD™ cards could cause data loss and damage your phone.
- The microSD™ card and its adapter can be easily damaged by improper operation. Please be careful when inserting, removing, or handling it.
- Do not remove a microSD™ card while files are being accessed or transferred. It may result in loss or damage of data.

Supported music formats: MP3, WMA, AAC, M4A

Using Phone Menus

7.1 Last Played Song

Allows you to play the last played song.

1 Touch  > **Music Player** > **Last Played Song**.

7.2 All Songs

Allows you to play all songs.

1 Touch  > **Music Player** > **All Songs**.

2 Touch a music file to play it or touch  for the following options:

Add To Playlist/ Move To Card/ Move To Phone/ Send/ Delete/ Song Info.

Options available while playing music:

 – Shuffle off

 – Shuffle on

 – Repeat off

 – Repeat once

 – Repeat all

 – Rewind

 – Fast forward

 – Play

 – Pause

Or touch  **Options** for the following options:

Exit Player/ Add To Playlist/ Song Info

7.3 Artists

Allows you to view and listen to your music by artists.

- 1 Touch  > **Music Player** > **Artists**.
- 2 Touch the Artist that you want to listen to and choose the song to play.

7.4 Albums

Allows you to view and listen to your music by albums.

- 1 Touch  > **Music Player** > **Albums**.
- 2 Touch the Album that you want to listen to and choose the song to play.


7.5 Genres

Allows you to view and listen to your music by genres.

- 1 Touch  > **Music Player** > **Genres**.
- 2 Touch the Genre that you want to listen to and choose the song to play.

7.6 My Playlists

Allows you to view and listen to your music by playlist.

- 1 Touch  > **Music Player** > **My Playlists**.
- 2 When the pop-up appears to ask you whether to create a new playlist, touch **Yes** or **No**.
- 3 Name the playlist and touch **Save**.
- 4 Touch the playlist and then touch **Add Songs** to select the songs you want to add.
- 5 Touch **Done** when you finish selecting the songs you want to add.


Using Phone Menus

7.7 Settings

Allows you to customize Music settings.

7.7.1 Repeat

Allows you to set repeat settings.

- 1 Touch  > **Music Player** > **Settings**.
- 2 Touch **Repeat** to alternate between the following options:
Repeat All/ Repeat Once/ Repeat Off

7.7.2 Shuffle

Allows you to set the music player to shuffle your songs.

- 1 Touch  > **Music Player** > **Settings**.
- 2 Touch **Shuffle** to turn the feature **On** or **Off**.

My Schedule

1. Alarm

Allows you to set up to ten alarms. At the alarm time, any set alarm will sound and/or vibrate the tone of your choice (depending on your sound settings), and a notification message will be displayed on your screen.



- 1 Touch  > **Alarm** .
- 2 Touch **Add**.
- 3 Touch the **Set Time** field to set the alarm time.
- 4 Touch **Repeat** to set the recurrence for the alarm. Available options are:
Once/ Daily/ Mon - Fri/ Weekends/ Select Days

5 Touch **Ringtone** to set the ringtone for the alarm.

6 Touch **Save** to save.

2. Calendar

Allows you to store and access your agenda(s). Simply store your appointments in your Calendar and your phone will alert you with a reminder.

1 Touch  > **Calendar** .

2 Touch the day you wish to edit.

3 Touch **Add**.

4 Enter your schedule information including:

- Subject
- End Time
- Until
- Tones
- Start Time
- Repeat
- Alerts
- Vibrate

5 Touch **Save**.

Browser

The Browser feature allows you to view Internet content. Accessibility and selections within this feature are dependent upon your service provider. For specific information on the Web, contact your service provider.

1. Start Browser

Allows you to initiate a Web session.

Using Phone Menus













1 Touch  > **Browser** .

Ending an Web Session



End a Web session by touching .

Browser Menu

The Browser Menu provides the following toolbar options:

- **Home**  Returns you to the Homepage.
- **Back**  To go back to the previous page.
- **Forward**  If available, takes you back to the next page.
- **Bookmarks**  Takes you to the Bookmarks menu where you can add, edit, and delete your bookmarks.
- **Go to URL**  Allows you to enter a Web address to visit.
- **Refresh**  Allows you to reload the current Web page.
- **History**  Displays a list of visited web pages.
- **Clear Memory**  Allows you to clear the memory.
- **Send Link**  Allows you to send the link of the current page via a text message.
- **Show URL**  Shows you the current URL.
- **Save Items**  Allows you to save items from the web page.
- **Settings**  Allows you to configure the following Browser settings:
 - Downloads** Allows you to configure whether you want to enable or disable image, background, and object downloads.
 - Restart Browser** Allows you to restart the Browser.
 - Send Referrer** Allows you to turn the HTTP Send Referrer Header on or off.
 - Key Press Timeout** Set the key press timeout.

Connection Timeout Set the connection timeout.

- **Advanced**  Shows you the information of the Browser, including the version and license information.
- **Exit**  Allows you to exit the Browser.

Tools

Your phone's tools include: Voice Command, Calculator, Tip Calculator, Unit Converter, Stopwatch and Notepad.

1. Voice Command

Allows you to make phone calls quickly and easily by voice. Your phone recalls the number from your Contacts and then dials it. This menu is useful for those who are driving or are blind. It delivers time and date information by voice and allows you to check missed calls, messages and voicemails etc.

1.1 Call <Name or Number>

- 1 Touch  > **Voice Command** .
- 2 Touch or say **Call** <Name or Number>.
- 3 Say the name as it is saved in your Contact List or say the number.

1.2 Send Msg to <Name or Number or Group>

- 1 Touch  > **Voice Command** .
- 2 Touch or say **Send Msg to** <Name or Number or Group>.
- 3 Touch or say **Text Message** or **Media Message** and then say the Contact's

Using Phone Menus

name.

1.3 Check <Item>

- 1 Touch  > **Voice Command** .
- 2 Touch or say **Check <Item>**.
- 3 Touch or say one of the available options.

1.4 Contacts <Name>

- 1 Touch  > **Voice Command** .
- 2 Touch **Contacts <Name>** or say 'Contacts' followed by the Contact's name.

1.5 Play

- 1 Touch  > **Voice Command** .
- 2 Touch or say **Play**.
- 3 Say the name of the music playlist.


1.6 Help

Allows you to view more information about the features in Voice Control.




- 1 Touch  > **Voice Command** .
- 2 Touch or say **Help**.

2. Calculator

Allows you to perform simple mathematical calculations. You can enter numbers up to the tenth decimal place.

- 1 Touch  > **Calculator** .

2 Enter data.

- Touch the keypad to enter numbers.
- Touch  to enter decimals.
- Touch  to delete the last digit entered, or touch and hold to erase the entire entry.
- Touch the corresponding touch keys to enter functions (+, -, x, ÷).
- Touch  to complete the equation.

3. Tip Calculator

Allows you to quickly and easily estimate the tip and total amount of a bill by inputting the bill amount before tip, the tip percentage, and divide it by the number of people paying.

1 Touch  > **Tip Calculator** .

2 Enter the variable fields (Total bill, Tip %, Split). Touch the Total bill field to display a keypad to enter the amount. Enter the TIP % and Split amounts. Corresponding calculation fields (Tip and Total for each person) are automatically calculated.

3 Touch **Reset** to begin another calculation.

4. Unit Converter

Allows you to convert units of measurement.

1 Touch  > **Unit Converter** .

2 Touch the unit of measurement you want to convert:



Area/ Length/ Mass/ Temperature/ Volume/ Velocity

Using Phone Menus

- 3 Choose the types of measurement you would like to convert and change the Rate, if applicable.
- 4 The conversion will be automatically calculated.

5. Stopwatch

Allows you to use your phone as a Stopwatch.


- 1 Touch  > **Stopwatch** .
- 2 Touch **Start** to start the stopwatch, and touch **Stop** to stop it. You can use the Lap function by touching **Lap** to record up to 20 laps and lap times.
- 3 Touch **Reset** to reset the stopwatch or **Resume** to resume it.

6. Notepad

Allows you to add, read, edit, and erase notes to yourself.

- 1 Touch  > **Notepad** .
- 2 Touch **Add** to write a new note.
- 3 Type the note, then touch **Save**.
A confirmation message displays briefly, then displays your list of notes.

Viewing a Notepad Entry

- 1 Access Notepad.
- 2 To erase a note, touch it to open it. Then, touch .
- Or -
To add a note or erase all of the notes, touch **Add** or **Delete All**.

Settings

This menu allows you to configure various phone settings.

1. Sounds Settings

This menu allows you to customize the phone's sounds.

1.1 Master Volume

Allows you to configure the master volume level.

- 1 Touch  > **Sounds Settings**  > **Master Volume**.
- 2 Touch the bars to set the volume level, then touch **Set**.



1.2 Call Sounds

Allows you to configure your phone's call sounds.

- 1 Touch  > **Sounds Settings**  > **Call Sounds**.
- 2 Touch an available option to configure it.

1.3 Alert Sounds

Allows you to select the alert tones for new messages.

- 1 Touch  > **Sounds Settings**  > **Alert Sounds**.
- 2 Touch **Text Message/**
Media Message/ Voicemail/ Emergency Tone/ Missed Call.
- 3 Configure the setting.

Using Phone Menus

1.4 Button Sounds

Allows you to configure the button sounds for the QWERTY keyboard.

- 1 Touch  > **Sounds Settings**  > **Button Sounds**.
- 2 Touch the bars to set the volume level, then touch **Set**.

1.5 Service Alerts

Allows you to configure the 3 available Service Alerts.

- 1 Touch  > **Sounds Settings**  > **Service Alerts**.
- 2 Touch an alert option.

Call Connect

Alerts you when the call is connected.

Low Battery

Allows you to choose the alert type between Announce and Tone.

1.6 Power On/Off

Allows you to set the phone to sound a tone when the phone is powered on and off.

- 1 Touch  > **Sounds Settings**  > **Power On/ Off**.
- 2 Toggle the setting between **ON/ OFF** for the available options.

2. Display Settings

This menu allows you to customize your phone's display screen.

2.1 Display Backlight

Allows you to set the display backlight timer.

1 Touch  > **Display Settings**  > **Display Backlight.**

2 Touch a duration time:

7 Seconds / 15 Seconds / 30 Seconds / 1 Minute

2.2 Brightness

Adjust your screen's brightness to suit your surroundings.

1 Touch  > **Display Settings**  > **Brightness.**

2 Touch a brightness level bar (Level 1~4) to select it and touch **Set.**

2.3 Wallpaper

Allows you to choose the kind of background to be displayed on the phone.

1 Touch  > **Display Settings**  > **Wallpaper.**

2 Touch the desired image, then touch **Adjust** to edit the image to fit your screen and then **Set.**

2.4 Font Settings

Allows you to select the type of font displayed on the LCD screen.

1 Touch  > **Display Settings**  > **Font Settings.**

2 Touch a setting.

LG Gothic/ LG Serif/ LG Joy/ LG Mint

2.5 Dial Font Size

Allows you to set the font size on the Dialpad when dialing a number.

1 Touch  > **Display Settings**  > **Dial Font Size.**

2 Touch a setting.

Small/ Normal/ Large

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2.6 Menu Font Size

Allows you to set the font size on the Menu screen.

- 1 Touch  > **Display Settings**  > **Menu Font Size**.
- 2 Touch a setting.
Small/ Normal/ Large/ Very Large

2.7 Name Match for Dialing

Matches a saved Contact entry with the corresponding letters entered on the Dialpad.

- 1 Touch  > **Display Settings** .
- 2 Touch the **Name Match for Dialing** button to toggle the setting between **ON** and **OFF**.

2.8 Pattern Lock

Allows you to set the Pattern Lock.



- 1 Touch  > **Display Settings**  > **Pattern Lock**.
- 2 Touch to toggle the setting between **ON** and **OFF**.

3. Call Settings

The Call Settings menu allows you to designate how the phone handles both incoming and outgoing calls.

3.1 Answer Options

Allows you to determine how to answer an incoming call.

- 1 Touch  > **Settings**  > **Call Settings** > **Answer Options**.
- 2 Touch a setting.

Any Key/ Auto with Handsfree

- 3 Touch **Done**.

3.2 TTY Mode

Allows you to attach a TTY (Teletype writer) device enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

- 1 Touch  > **Settings**  > **Call Settings** > **TTY Mode**.
- 2 Touch a setting.

TTY Full/ TTY + Talk/ TTY + Hear/ TTY Off

3.3 One Touch Dial

Allows you to initiate a Speed Dial call by touching and holding the Speed Dial digit. If set to Off, Speed Dial numbers designated in your Contacts will not function.

- 1 Touch  > **Settings**  > **Call Settings**
- 2 Touch the **One Touch Dial** button to toggle the setting between **ON** and **OFF**.

3.4 Voice Privacy

Allows you to set the voice privacy feature for CDMA calls as Enhanced or Standard. CDMA offers inherent voice privacy. Check with your service provider for availability.

- 1 Touch  > **Settings**  > **Call Settings** > **Voice Privacy**.
- 2 Touch a setting.

Enhanced/ Standard

Using Phone Menus

4. Touch Settings

The Touch Settings menu allows you to configure various touchscreen settings.

4.1 Auto Touch Lock

Allows you to set the screen to automatically lock to prevent accidental presses on the external screen when the backlight turns off.

1 Touch  > **Settings**  > **Touch Settings** > **Auto Touch Lock**.

2 Touch a setting.

On/ Off

4.2 Tone Type

Allows you to set the tone type that is used when touching items on the screen.

1 Touch  > **Settings**  > **Touch Settings** > **Tone Type**.

2 Touch a setting.

Click/ Wood Block/ Beep/ Off

5. Phone Settings

The Phone Settings menu allows you to configure various phone and security settings.

5.1 Airplane Mode

Airplane Mode turns off the phone's wireless signal and allows you to use features on your phone that do not require wireless communications.

1 Touch  > **Settings**  > **Phone Settings** > **Airplane Mode**.

- 2 Touch a setting.

On/ Off

5.2 Language(Idiomas)

Allows you to set the bilingual feature according to your preference. Choose between English and Spanish.

- 1 Touch  > **Settings**  > **Phone Settings** > **Language(Idiomas)**.
- 2 Touch **English** or **Español**.

5.3 Location

Allows you to set your settings for GPS (Global Positioning System: Satellite assisted location information system) mode.

- 1 Touch  > **Settings**  > **Phone Settings** > **Location**.
- 2 Touch a setting.

Location On/ E911 Only

NOTE: GPS satellite signals are not always transmitted, especially under bad atmospheric and environmental conditions, indoors etc.

5.4 Security

The Security menu allows you to change Security and Restriction settings.

5.4.1 Change Lock Code

Allows you to enter a new four-digit Lock Code.



- 1 Touch  > **Settings**  > **Phone Settings** > **Security**.
- 2 Enter the four-digit Lock Code.

Using Phone Menus

- 3 Touch **Change Lock Code**.
- 4 Touch **Phone Only** or **Call & Applications**.
- 5 Enter the current Lock Code followed by a new 4-digit Lock Code.
- 6 For confirmation, it will ask you to enter the new Lock Code again.

5.4.2 Restrictions

Allows you to restrict incoming and/or outgoing calls and messages. Also provides the option to restrict Data.

- 1 Touch  > **Settings**  > **Phone Settings** > **Security**.
- 2 Enter the four-digit Lock Code.
- 3 Touch **Restrictions** and enter the Lock Code.
- 4 Touch a Restrictions submenu, then the setting.



Incoming Calls/ Outgoing Calls (Allow All/ Contacts Only/ Block All)

Incoming SMS/ Outgoing SMS (Allow All/ Block All)

Incoming MMS/ Outgoing MMS (Allow All/ Block All)

5.4.3 Auto Device Lock

Allows you to set your phone automatically locked after certain amount of time.

- 1 Touch  > **Settings**  > **Phone Settings** > **Security**.
- 2 Enter the four-digit Lock Code.
- 3 Touch **Auto Device Lock**.
- 4 Touch a setting.
5 Minutes/ 10 Minutes/ 15 Minutes/ 30 Minutes/ 1 Hour/ Off

5.4.4 Lock Phone

Keeps your phone from unauthorized use. Once the phone is locked, it is in restricted mode until the Lock Code is entered. You can still receive phone calls and make emergency calls.

You can modify the Lock Code by navigating to the Change Lock Code menu within the Security menu.

1 Touch  > **Settings**  > **Phone Settings** > **Security**.

2 Enter the four-digit Lock Code.

3 Touch **Lock Phone**.

4 Touch an option.



Unlock The phone is never locked (Lock mode can still be used using the options below).

Lock The phone is immediately locked.

On Power Up The phone is locked when it is turned on.

5.4.5 Reset Default

Allows you to reset your phone to the factory default settings.

1 Touch  > **Settings**  > **Phone Settings** > **Security**.

2 Enter the four-digit Lock Code.

3 Touch **Reset Default**.

4 Touch **OK**.

5 A message will pop up that says "All settings will revert to factory default."

6 Touch **Revert** or **Cancel**.

7 If you touch Revert, enter the four-digit Lock Code. The phone returns to the

Using Phone Menus

configuration default.

5.5 System Select

Allows you to set up the phone producer's management environment. Leave this setting as the default unless you want to alter system selection as instructed by your service provider.

- 1 Touch  > **Settings**  > **Phone Settings** > **System Select**.
- 2 Touch a setting.
Home Only/ Automatic.



6. USB Mass Storage

Allows you to select the PC connection mode for your device.

- 1 Touch  > **Settings**  > **USB Mass Storage**.
- 2 Touch a setting.
On/ Off.

7. Memory

Allows you to check out the memory status of your phone.

- 1 Touch  > **Settings**  > **Memory**.
- 2 Touch an option.
Phone Memory/ Card Memory/ Save Options
- 3 Touch a type of memory to view its status.
- 4 Touch **Save Options** to change the storage location of Images, Video and Ringtones to the Phone Memory or Card Memory.

8. Phone Info

The Phone Info menu provides you with specific information pertaining to your phone model.

1 Touch  > **Settings**  > **Phone Info**.

9.1 My Number

Allows you to view your phone number.

1 Touch  > **Settings**  > **Phone Info** > **My Number**.

9.2 ESN/MEID

Allows you to view the ESN/ MEID information of your phone.

1 Touch  > **Settings**  > **Phone Info** > **ESN/ MEID**.

9.3 Icon Glossary

Allows you to view all the icons and their meanings.

1 Touch  > **Settings**  > **Phone Info** > **Icon Glossary**.

2 Touch a submenu to view that type of icon.

**Status/ Home Screen/ Multimedia/ Messaging/ Contacts/ Recent Calls/
Settings & Tools**

9.4 SW/HW Version

Allows you to view the versions of various applications.

1 Touch  > **Settings**  > **Phone Info** > **SW/HW Version**.

Using Phone Menus

Bluetooth®

The LG 305C is compatible with devices that support the Bluetooth® headset, handsfree, stereo, phonebook access, basic printing, object push, file transfer. You may create and store 20 pairings within the LG 305C and connect to one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 30 feet (10 meters).

Notes

- Read the user guide of each Bluetooth® accessory that you are trying to pair with your phone because the instructions may be different.
- The Bluetooth® features of this handset may not be compatible with all Bluetooth® enabled devices. Your service provider or handset manufacturer cannot be held responsible for compatibility issues with devices not sold by the service provider or handset manufacturer.

1. Power

Allows you to turn the power on or off.


- 1 Touch  > **Bluetooth**.
- 2 Touch **Turn On** or **Turn Off**.

NOTE: By default, your device's Bluetooth® functionality is turned off.

2. Add New


Pairing is the process that allows the handset to locate, establish and register a 1-to-1 connection with the target device.

Pairing a new Bluetooth® device

- 1 Touch  > touch **Bluetooth** > **Add** and **Start**.
- 2 Follow the Bluetooth® accessory instructions to set the device to pairing mode.
- 3 If Bluetooth® power is set to off, you will be prompted to turn power on. Touch **Yes**.
- 4 The device will appear in the Device Found menu once it has been located. Touch the device.
- 5 The handset may prompt you for the passkey. Consult the Bluetooth® accessory instructions for the appropriate passkey (typically “0000” - 4 zeroes). Enter the passkey and touch **OK**.
Or it may prompt you to confirm matching passkeys on both handsets.
- 6 Once pairing is successful, you will be asked to choose **Always Ask** or **Always Connect**. This sets connection preferences for the Paired Device.
- 7 Once connected, you will see the device listed in the Paired Devices menu.

3. Paired Devices

Allows you to view the list of paired devices with your phone.

- 1 Touch  > Touch **Bluetooth** and your **Paired Devices** list will display.

4. Settings


Allows you to configure Bluetooth settings.

4.1 My Device Info

Allows you to edit the name of the Bluetooth® device.



- 1 Touch  > Touch **Bluetooth**,  and **My Device Info**.

Using Phone Menus

- 2 Touch **Rename Device**.
- 3 Touch and hold down  to clear the existing name.
- 4 Enter a new alias.
- 5 Touch **Save** to save and exit.

4.2 Discovery Mode

Allows you to set the visibility of your Bluetooth® feature.

- 1 Touch  > Touch **Bluetooth**,  and **Discovery Mode**.
- 2 Touch a setting.

On/ Off

NOTE: If you turn on My Visibility, your device is able to be searched by other in-range Bluetooth® devices.



4.3 Supported Profiles

Allows you to view the Bluetooth profiles your phone supports.

- 1 Touch  > Touch **Bluetooth**,  and **Supported Profiles**.

Wi-Fi

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

- 1 Touch  > **Wi-Fi** .
- 2 If you touch **Turn off** then turning off the Wi-Fi connection and touch **Turn on** then connecting to available Wi-Fi networks.

- 3 Then touch  to turn on Wi-Fi connect to available Wi-Fi networks.
- 4 Touch **Add**, you can set **Network Name(SSID)/ Security Type/ Security Code/ IP/ DNS Setting**.
- 5 Touch **Refresh**, searching for Available Network.
Touch , you can see the **Connection Logs/ My MAC Address/ Wi-Fi Sleep Setting**.

Notes

- If you are outside the Wi-Fi coverage area and choose 1X connection, additional charges may apply.
- When Wi-Fi sleep setting activate the 'When Screen Turn off', your phone goes into sleep mode when connected to Wi-Fi, the Wi-Fi connection is automatically disabled.
- In this case, if your phone has access to 1x data, it may connect to the 1x network automatically and additional charges may apply.
- The LG 305C supports WEP, WPA/WPA2-PSK security.
- If your Wi-Fi service provider or network administrator sets encryption for network security, enter the key into the pop-up window. If encryption is not set, this pop-up window is not shown. Obtain the key from your Wi-Fi service provider or network administrator.

- 6 Touch **Refresh**, searching for Available Network.
Touch , you can see the **Connection Logs/ My MAC Address/ Wi-Fi Sleep Setting**.

Using Phone Menus

Accessibility

You can easily control Menu Readout, Dial Readout, Large Text, Invert Color, Mono Sound, TTY and Voice Command.

1. Menu Readout

If you activate this menu, you can hear what you are choosing menu.

- 1 Touch  > Touch **Accessibility** .
- 2 Touch to toggle the setting between **ON** and **OFF**.

2. Dial Readout

If you activate this menu, you can hear what you are choosing dial number.

- 1 Touch  > Touch **Accessibility** .
- 2 Touch to toggle the setting between **ON** and **OFF**.

3. Large Text

If you activate this menu, you can see the larger text.

- 1 Touch  > Touch **Accessibility** .
- 2 Touch to toggle the setting between **ON** and **OFF**.

4. Invert Color

If you activate this menu, phone screen color inverted.

- 1 Touch  > Touch **Accessibility** .

- 1 Touch to toggle the setting between **ON** and **OFF**.

5. Mono Sound

If you activate this menu, your phone's sound type changes to mono tone.

- 1 Touch  > Touch **Accessibility** .
- 2 Touch to toggle the setting between **ON** and **OFF**.

6. TTY

Please refer to the front of the contents about TTY.

7. Caller ID Readout

This menu allows you to adjust various settings for Caller ID Readout.

- 1 Touch  > Touch **Accessibility** .
- 2 Touch a setting
Ring Only/ Caller ID + Ring/ Name Repeat

Accessory

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

Travel Adapter

This adapter allows you to charge the battery.



USB cable

This cable allows you to charge the battery.



Battery

Standard battery is available.



microSD™ Memory Card

4 GB microSD™ memory card provided.



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.

Safety

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage.

WARNING! This product contains chemicals known to the State of California to cause cancer and birth defects or reproductive harm.

Wash hands after handling.

Caution: Violation of the instructions may cause minor or serious damage to the product.

- For your safety, do not remove the battery incorporated in the product.
- Do not disassemble or open crush, bend or deform, puncture or shred.
- Repairs under warranty, at LG's option, may include replacement parts or boards that are either new or reconditioned, provided that they have functionality equal to that of the parts being replaced.
- 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.
- Avoid dropping the phone. If the phone is dropped, especially on a hard surface, and the user suspects damage, take it

to a service center for inspection.

- 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.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- Use the correct adapter for your phone when using the battery pack charger abroad.

Battery Information and Care

- Please read the manual of specified charger about charging method.
 - Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire. Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
-

- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty. When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire. If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Short-circuit of the terminal may damage the battery and cause an explosion. Always cover the receptacle when not in use.
- Never store your phone in temperature less than $-20^{\circ}\text{C}/-4^{\circ}\text{F}$ or greater than $50^{\circ}\text{C}/122^{\circ}\text{F}$.
- Charging temperature range is between $0^{\circ}\text{C}/32^{\circ}\text{F}$ and $45^{\circ}\text{C}/113^{\circ}\text{F}$. Do not charge the battery out of recommended temperature range. Charging out of recommended range might cause the generating heat or serious damage of battery. And also, it might cause the deterioration of battery's characteristics and cycle life.
- The battery pack has protection circuit to avoid the danger. Do not use near places that can generate static electricity more than 100V which could damage the protection circuit. Damaged protection circuits may generate smoke, rupture or ignite.
- When using the battery for the first time, if it emits a bad smell, you see rust on it, or anything else abnormal, do not use the equipment and bring the battery to the shop which it was bought.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion.

Do not use the mobile device with a wet hand.

Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

- Avoid temperatures below 0°C /32°F or above 45°C /113°F.
- Use your phone in temperatures between 0°C /32°F and 40°C /104°F, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Sunscreen lotion

Do not expose or wear your device to any liquid like sunscreen lotion.

Doing so may cause your device to or damage to the mobile device.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device.

Wipe it with a soft cloths lightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device.

Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

General Notice

- An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.
 - 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.
- 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 Center to replace the damaged antenna.
- 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. (Ringtones, 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 ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Your phone is an electronic device that generates heat during normal operation. Extremely prolonged, direct skin contact in the absence of adequate ventilation

may result in discomfort or minor burns. Therefore, use care when handling your phone during or immediately after operation.

Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Part 15.19 statement

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions:

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

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.59 inches (1.5 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.59 inches (1.5 cm) 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 may not be used. Avoid the use of accessories that cannot maintain 0.59 inches (1.5 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Consumer Information About Radio Frequency Emissions

Your wireless phone, which contains a radio transmitter and receiver, emits radio frequency energy during use. The following consumer information addresses commonly asked questions about the health effects of wireless phones.

Are wireless phones safe?

Scientific research on the subject of wireless phones and radio frequency ("RF") energy has been conducted worldwide for many years, and continues. In the United States, the Food and Drug Administration ("FDA") and the Federal Communications Commission ("FCC") set policies and procedures for wireless phones. The FDA issued a website publication on health issues related to cell phone usage where it states, "The scientific community at large ...believes that the weight of scientific evidence does not show an association between exposure to radiofrequency (RF) from cell phones and adverse health outcomes. Still the scientific community does recommend conducting additional research to address gaps in knowledge. That research is being conducted around the world and FDA continues to monitor developments in this field. You can access the joint FDA/FCC website at <http://www.fda.gov> (under "c" in the subject index, select Cell Phones > Research). You can also contact the FDA toll-free at (888) 463-6332 or (888) INFO-FDA. In June 2000, the FDA entered into a cooperative research and development agreement through which additional scientific research is being

conducted. The FCC issued its own website publication stating that "there is no scientific evidence that proves that wireless phone usage can lead to cancer or a variety of other problems, including headaches, dizziness or memory loss." This publication is available at <http://www.fcc.gov/cgb/cellular.html> or through the FCC at (888) 225-5322 or (888) CALL-FCC.

What does "SAR" mean?

In 1996, the FCC, working with the FDA, the U.S. Environmental Protection Agency, and other agencies, established RF exposure safety guidelines for wireless phones in the United States. Before a wireless phone model is available for sale to the public, it must be tested by the manufacturer and certified to the FCC that it does not exceed limits established by the FCC. One of these limits is expressed as a Specific Absorption Rate, or "SAR." SAR is a measure of the rate of absorption of RF energy in the body. Tests for SAR are conducted with the phone transmitting at its highest power level in all tested frequency bands. Since 1996, the FCC has required that the SAR of handheld wireless phones not exceed 1.6 watts per kilogram, averaged over one gram of tissue. Although the SAR is determined at the highest power level, the actual SAR value of a wireless phone while operating can be less than the reported SAR value. This is because the SAR value may vary from call to call, depending on factors such as proximity to a cell site, the proximity of the phone to the body while in use, and the use of hands-free devices. For more information about SARs,

see the FCC's OET Bulletins 56 and 65 at http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins or visit the Cellular Telecommunications Industry Association website at http://www.ctia.org/consumer_info/index.cfm/AID/10371. You may also wish to contact the manufacturer of your phone.

Can I minimize my RF exposure?

If you are concerned about RF, there are several simple steps you can take to minimize your RF exposure. You can, of course, reduce your talk time. You can place more distance between your body and the source of the RF, as the exposure level drops off dramatically with distance. The FDA/FCC website states that "hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit."

Do wireless phones pose any special risks to children?

The FDA/FCC website states that "the scientific evidence does not show a danger to users of wireless communication devices, including children." The FDA/FCC website further states that "some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all". For example, the Stewart Report from the United Kingdom ["UK"] made such a recommendation in December 2000. In this report a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. [The UK's recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists. A copy of the UK's leaflet is available at <http://www.dh.gov.uk> (search "mobile"), or you can write to: NRPB, Chilton, Didcot, Oxon OX11 0RQ, United Kingdom. Copies of the UK's annual reports on mobile phones and RF are available online at www.iegmp.org.uk and <http://www.hpa.org.uk/radiation/> (search "mobile"). Parents who wish to reduce their children's RF exposure may choose to restrict their children's wireless phone use.

Where can I get further information about RF emissions?

For further information, see the following additional resources (websites current as of April 2005):

U.S. Food and Drug Administration

FDA Consumer magazine November-December 2000 Telephone: (888) INFO-FDA <http://www.fda.gov> (Under "c" in the subject index, select Cell Phones > Research.)

U.S. Federal Communications Commission

445 12th Street, S.W. Washington, D.C. 20554 Telephone: (888) 225-5322 <http://www.fcc.gov/oet/rfsafety>

Independent Expert Group on Mobile Phones

<http://www.iegmp.org.uk>

Royal Society of Canada Expert Panels on Potential Health Risks of Radio Frequency Fields from Wireless Telecommunication Devices

283 Sparks Street Ottawa, Ontario K1R 7X9 Canada Telephone: (613) 991-6990 http://www.rsc.ca/index.php?page=Expert_Panels_RF&Lang_id=120

World Health Organization

Avenue Appia 20
1211 Geneva 27
Switzerland
Telephone: 011 41 22 791 21 11
<http://www.who.int/mediacentre/factsheets/fs193/en/>

International Commission on Non-ionizing

Radiation Protection c/o Bundesamt für Strahlenschutz
Ingolstaedter Landstr. 1
85764 Oberschleissheim
Germany
Telephone: 011 49 1888 333 2156
<http://www.icnirp.de>

American National Standards Institute

1819 L Street, N.W., 6th Floor
Washington, D.C. 20036
Telephone: (202) 293-8020
<http://www.ansi.org>

National Council on Radiation Protection and Measurements

7910 Woodmont Avenue, Suite 800
Bethesda, MD 20814-3095
Telephone: (301) 657-2652
<http://www.ncrponline.org>

Engineering in Medicine and Biology Society, Committee on Man and Radiation (COMAR) of the Institute of Electrical and Electronics Engineers

<http://ewh.ieee.org/soc/embs/comar/>

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and 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)

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

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).

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: Don't 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.

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 (6) 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;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is 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. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" 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.

FDA Consumer Update



The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones:

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones.

There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of Radio Frequency (RF) energy in the microwave range while being used. They also emit very low levels of RF when in idle mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no

known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

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

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit Radio Frequency (RF) energy 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 does 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
- 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 Radio Frequency (RF) energy 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 Radio Frequency (RF) energy 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 do not 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, 166 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 ten or more years

followup may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancercausing 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 Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic 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 (RF) energy 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 phones 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 (RF) energy 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 tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to Radio Frequency 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 Radio Frequency (RF) energy. 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 .

Again, the scientific data does 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 Radio Frequency (RF) energy, 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 (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic 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:

Federal Communications Commission (FCC)
RF Safety Program

(<http://www.fcc.gov/oet/rfsafety>)

International Commission on Non-Ionizing
Radiation Protection

(<http://www.icnirp.de>)

World Health Organization (WHO)

International EMF Project

(<http://www.who.int/emf>)

National Radiological Protection Board (UK)

(<http://www.hpa.org.uk/radiation/>)

Driving

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

- 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 or the law require it.

Consumer Information on SAR (Specific Absorption Rate)

This model phone meets the Government's requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a

substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

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 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/ea/fccid/> after searching on FCC ID **ZNFLG305C**.

To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone.

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.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

* Service not available everywhere.

* Information subject to change.

Part 15.21 statement

Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Your Safety

HAC statement

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

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For Your Safety

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities. While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

For Your Safety

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use. In the example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that’s acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard. When you’re talking on a cell phone, it’s recommended that you turn the BT (Bluetooth) or WLAN mode off for HAC.

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For information about hearing aids and digital wireless phones Wireless Phones and Hearing Aid Accessibility

<http://www.accesswireless.org/Home.aspx>

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FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/consumerfacts/hac_wireless.htm
