LG
Life's Good

USER GUIDE

LG 236C

BC

www.lg.com

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LG236C User Guide - English

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

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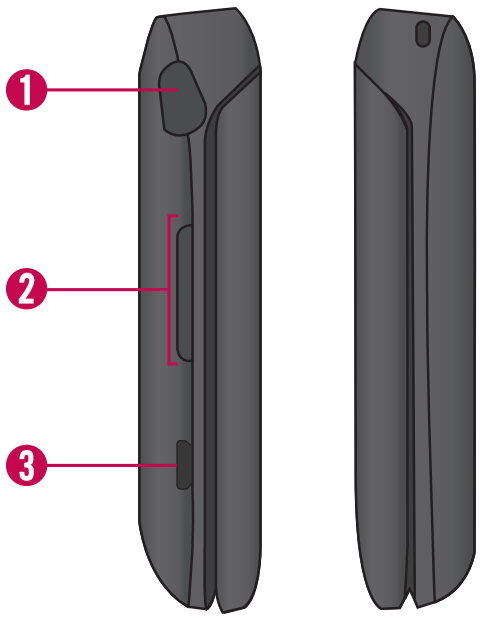
Phone Overview

1. Earpiece Lets you hear the caller.
2. LCD Screen Displays messages and status icons. When the phone is turned on, Power Save mode automatically dims the screen and then darkens it if no keys are pressed.
3. Left Soft Key Use to access the Main menu from the Home screen or the function immediately above it.
4. Camera Key Lets you activate the camera and take pictures.
5. Alarm Key Use to access the Alarm menu.
6. Alphanumeric Keypad Use to enter numbers and characters and select menu items.
7. Vibrate Mode Key Use to set the vibration mode from standby mode. To set it, press and hold for about 2 seconds.
8. Navigation Key Use to navigate through menus and options. When on the Home screen, use for quick access to Messages, Contact List, Games and Sound.
9. Right Soft Key Use to access the Browser menu from the Home screen or the function immediately above it.
10. Menu/OK Key Use to access the Prepaid menu from the Home screen or to select items when navigating menus.
11. Speakerphone Key Use to turn the Speaker On or Off.
12. Voice Command Key Use to start the Voice Command feature when in standby

mode.

13. TTS Key Lets you turn the TTS mode on/off.
14. Lock Mode Key Use to lock the phone from standby mode. To lock the phone, press and hold for about 2 seconds.



1. Earphone Jack Allows the use of a headset to hear caller's voice.
2. Volume Keys Use to adjust the ringer volume in standby mode and the earpiece volume during a call.
3. Charger/Accessory Port Connects the phone to the battery charger or other available accessories.

Charging with the PC USB Port

You can use your computer to charge your phone. Connect one end of a USB cable to the Charger/Accessory Port on your phone and the other end to a high-power USB port on your PC (commonly located on the front panel of the computer).

4. Camera Lens Lets you take pictures.

Menus Overview

Menu Access

While in standby mode, press the Left Soft Key **Menu** to access your phone's menus. There are two methods of accessing menus and submenus:

- Use the Navigation Keys to highlight a menu/option and press OK to select it.
- Press the number key on the keypad to activate the corresponding menu/option.

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. My vCard
5. Speed Dials

Messages

1. New Message
2. New Picture Message
3. Inbox
4. Outbox
5. Drafts
6. Voicemail
7. Templates
8. Settings
    1. All Messages
    1. Entry Mode
    2. Signature
    2. CMAS Settings
    1. Presidential Alert
    2. Extreme Alert
    3. Severe Alert
    4. AMBER(Child Abduction Emergency)
    5. Alert Vibrate
    6. Alert Sound
    7. Alert Reminder
9. Delete All

1.Delete Inbox
2. Delete Outbox
3. Delete Drafts
4. Delete All Messages

Recent Calls

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

Games

1. Buy Games
   Block Breaker3 Unlimited
   Texas Hold'Em Poker 2

Browser

Multimedia

1. Take Photo
2. Record Voice
3. Images
   1. My Images
   2. Default
   3. Buy Graphics
4. Sounds
   1. My Sounds
   2. Default
   3. Buy Ringtones

Voice Command

1. Start Command
   1. Call <Name> or <Number>
   2. Voicemail
   3. Missed Calls
   4. Messages
   5. Time & Date
   6. Help
2. Command Mode
   1. Normal
   2. Speed
3. Announce Alert
   1. Disable
   2. Announce
   3. Announce + Ring
4. Train Word
   1. Voice Command
   2. Answer
   3. Digit Dial
5. Best Match
   1. 1Match
   2. 4 Matches

My Schedule

1. Alarm Clock
2. Calendar
3. Notepad

Menus Overview

Bluetooth

1. Paired Devices
2. Power
3. My Visibility
4. My Bluetooth Info

Tools

1. Calculator
2. Ez Tip Calculator
3 Stopwatch
4. Unit Converter
   1. Area
   2. Length
   3. Mass
   4. Temperature
   5. Volume
   6. Velocity

Settings

1. Sound
   1. Ringtones
      1. All Calls
      2. Caller ID
      3. No Caller ID
      4. Buy Ringtones
   2. Volume
      1. Master Volume
      2. Keypad
      3. Earpiece
      4. Speaker
   3. Message Alerts
      1. Message
      2. Picture Message
      3. Voicemail
      4. Message Reminder
   4. Alert Type
   5. Service Alerts
      1. Call Connect
      2. Back to Top
      3. Low Battery
      4. Roam Alert
   6. Power On/Off
      Tone
   7. Flip Tone
   8. TTS
   9. Emergency Tone
2. Display
   1. Wallpaper
      1. My Images
      2. Default
      3. Buy Graphics
   2. Backlight
      1. Display
      2. Keypad
      3. Brightness
   3. Menu Style
   4. Languages (Idiomas)
   5. Clocks & Calendar
      1. Main Screen
      2. Front Screen
   6. Font Settings
      1. Font Type
      2. Dial Font Style

- 3. Dial Font Size
- 7. Word Prediction
- 8. Name Match for Dialing
- 3. Security
  - 1. Lock Phone
  - 2. Camera Restriction
  - 3. Change Lock Code
  - 4. Reset Default
- 4. Call Settings
  - 1. Answer Options
  - 2. One Touch Dial
  - 3. Senior Mode
  - 4. Airplane Mode
  - 5. TTY Mode
- 5. System
  - 1. Network
    - 1. System Select
    - 2. Serving System
  - 2. Location
- 6. Memory
  - 1. Reserved Memory
  - 2. Multimedia
- 7. Phone Info
  - 1. My Number
  - 2. ESN/MEID
  - 3. Icon Glossary
  - 4. Version

Getting Started with Your Phone

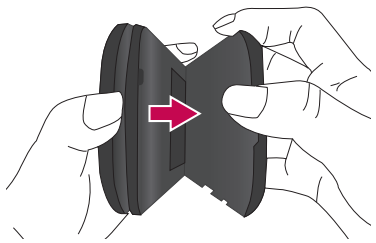
The Battery

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

The phone comes with a rechargeable battery. The battery charge level is shown at the top right corner of the LCD screen.

Installing the Battery

1. Insert your fingertip in the fingertip cutout at the bottom of the phone and gently lift off the back cover to remove it.

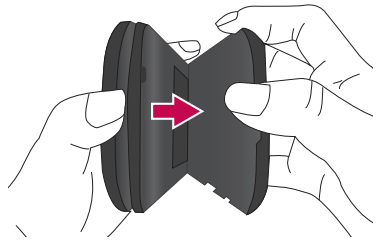


2. Align the battery contacts with the terminals in the battery compartment and push the battery down until it clicks into place.

3. Place the back cover over the battery compartment, then press downward until it clicks into place.

Removing the Battery

1. Turn the phone off and insert your fingertip in the fingertip cutout at the bottom of the phone and gently lift off the back cover to remove it.

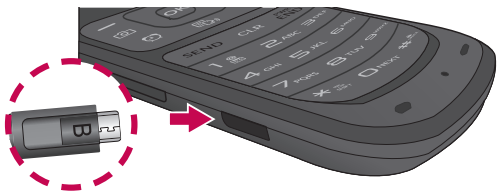


2. Use the fingertip cutout at the bottom of the battery

compartment to lift the battery out.

Charging the Battery

Warning! Use only the charger provided with the phone. Using any charger other than the one included with the phone may damage your phone or battery



Notice

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

Plug one end of the charger into the phone's Charger/Accessory Port and the other end into an electrical outlet. The charge time varies depending upon the battery level.

Battery Charge Level

The battery charge level is shown at the top right corner of the LCD screen. When the battery charge level becomes low, the low battery sensor alerts you in up to 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 PWR END for about 3 seconds until the LCD screen turns on.

Turning the Phone Off

Press and hold PWR END until the screen 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.

Note
The call quality may also be affected by your location and weather/ambient conditions.

Screen Icons

To see the icon glossary, press OK **Menu** from the standby mode, # SPACE **Settings** > 7 PQRS **Phone info** > 3 DEF **Icon Glossary**.

Making Calls

1. Make sure the phone is turned on. If not, press PWR END for about 3 seconds to turn it on.
2. Enter the phone number (include the area code if needed).
3. Press SEND to dial the number.
4. Press PWR END to end the call.

Correcting Dialing

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

Redialing Calls

Press SEND twice to redial the last number you dialed. The last 150 numbers (50 missed, 50 received and 50 dialed) are stored in the call history list and you can also select any of these to redial.

Tip
To select your method for answering calls, you can change your Answer Options.

Menu -> **Settings** -> **Call Settings** -> **Answer Options**. Choose from the following options:
Flip Open/ SEND Key Only/ Any Key/ Auto with Handsfree

Receiving Calls

1. When the phone rings and/or vibrates, press SEND to answer.

Note
If you press PWR END or (the Volume Keys), while the phone is ringing, the ringing or vibration is muted for that call.

2. Press PWR END to end the call.

Quick Access to Convenient Features

Mute Function

The Mute function is used during a phone call. To quickly activate Mute, press the Left Soft Key **Mute**. To cancel, press the Left Soft Key **Unmute**.

Quick Volume Adjustments

Quickly adjust the ringer and earpiece volumes by pressing the Volume Up Key to increase the volume and the Volume Down Key to decrease it.

Note
Keypad Volume is adjusted through the Sound Volume menu:

Menu -> # Settings -> 1 Sound -> 2 Volume -> 2 Keypad.

Call Waiting

Your cellular service may offer call waiting. While a call is in progress one beep indicates an 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. Press SEND to receive a waiting call.
2. Press SEND 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 pressing 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 your Voicemail by default and cannot be changed.

Dialing Single Digit Speed Dials (from 2 to 9)

Press and hold the Speed Dial number.

OR

Enter the Speed Dial number and press SEND.

Dialing Double Digit Speed Dials (from 10 to 99)

Press the first digit and then press and hold the key of the second digit.

OR

Enter the first and second digits and press SEND.

Entering and Editing Information

Text Input

You can input and edit your Calendar, Contacts, Alarm Clock, Notepad, and Messages.

Key Functions

Left Soft Key:

Press to scroll through the following text input modes:

T9Word: (T9WORD/T9Word/T9word) -> Abc (ABC/Abc/abc) -> 123 -> Symbols

Shift Key: Press to change capitalization.

T9Word: T9Word -> T9WORD -> T9word

Abc text: Abc -> ABC -> abc

Next: In T9 mode, press to display other matching words.

Space: Press to complete a word if in T9 mode; otherwise, press to insert a space.

Clear: Press to delete a single space or character. Hold to delete the whole message.

Punctuation: Press to insert punctuation in a word and complete a sentence.

The Basics of Storing Contacts Entries

1. From standby mode, enter the phone number you want to save (up to 48 digits).
2. Press OK **Save**.
3. Select either **Add New Contact** or **Update Existing**.

> **Note**
> Use Update Existing to add another phone number to a contact already stored in your phone.

4. Use ⌃⌄ to highlight a Label and press OK.

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

5. Enter a name for the phone number (up to 32 characters) and press OK **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 press the Left Soft Key — **Release** to advance to the next number.

Pause (P)

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

Storing a Number with Pauses

1. Press — **Menu**.
2. Press 2ABC **Contacts**.

3. Press 1 @ **New Contact**.
4. Enter a name (up to 32 characters).
5. Enter the phone number in any of the number labels.
6. While entering the number, press the Right Soft Key **Options**.
7. Press 3 DEF **Wait** or 4 GHI **Pause**.
8. Enter the additional number(s) and press OK **Save**.

Adding a Pause to an Existing Number

1. While in standby mode, press the Down Navigation Key **Contacts** to display your Contacts alphabetically.
2. Use to highlight the Contact entry to edit, then press OK **View**.
3. Press the Left Soft Key **Edit**.
4. Use to highlight the number.
5. Press the Right Soft Key **Options**.
6. Press 3 DEF **Wait** or 4 GHI **Pause**.
7. Enter the additional number(s) and press OK **Save**.

Searching Your Phone's Memory

The 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. While in standby mode, press the Down Navigation Key to display your Contacts alphabetically.
2. Press (or press repeatedly) the key on the keypad that corresponds with the search

letter.

3. The matching contacts will be automatically highlighted.

Scrolling Through Your Contacts

1. Press the Down Navigation Key to display your Contacts alphabetically.
2. Use to scroll through the list.

Contact List Options

1. While in standby mode, press the Down Navigation Key and highlight a Contact entry.
2. Press the Right Soft Key **Options**.
3. Select from the following options:

1 **Send Message**: Send a text/picture message to the selected contact.

2 ABC **Delete**: Delete the selected entry in your Contacts.

3 DEF **Edit**: Edit the selected contact information.

4 GHI **Delete Multiple**: Choose from **Selective** or **All** to delete multiple entries at one time.

5 JKL **Send via Bluetooth**: Send a contact (vCard) via Bluetooth. In case Bluetooth power is not on, a notice pops up to turn Bluetooth on.

6 MNO **Set Speed Dial**: Set or remove a speed dial.

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 pressing the Send Key SEND after searching for a phone number in Contacts or Call History and highlighting it.
- By using Speed Dialing.

From Contacts

1. While in standby mode, press the Down Navigation Key to display your Contacts.
2. Use to highlight the Contact entry, then press OK **View**.
3. Use to highlight the phone number.
4. Press SEND to place the call.

From Call History

1. Press **Menu**.
2. Press 4 GHI **Recent Calls**.
3. Use to highlight the type of recent call, then press OK. **Missed Calls/ Received Calls/ Dialed Calls/ All Calls**
4. Use to highlight the phone number.
5. Press SEND to place the call.

Speed Dialing

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

Prepaid

The Prepaid menu provides shortcuts to access useful account information.

1. Add Airtime

Allows you to add airtime.

1. Press – **Menu**, 1, 1.
2. Enter airtime PIN and press OK.
3. Read the displayed message, then select **Yes** or **No**.

2. Buy Airtime

Allows you to buy airtime.

1. Press – **Menu**, 1, 2ABC.
2. Select the amount you would like to purchase from **60 mins./ 120 mins./ 200 mins./ 450 mins**.
3. Read the displayed message, then select **Yes** or **No**.
4. You will be asked to confirm you want to purchase the selected amount. Select **Yes** or **No**.

3. My Phone Number

My Phone Number displays the device's phone number.

1. Press – **Menu**, 1, 3DEF.

4. My Airtime Info

My Airtime Info displays the amount of airtime by the unit and due date information.

1. Press – **Menu**, 1, 4GHI.

5. Airtime Display

Airtime Display allows you to disable/enable the display of idle screen, prepaid-related information.

1. Press – **Menu**, 1, 5JKL.
2. Select **Balance** or **Due Date**.
3. Select **On** or **Off**.

6. Serial Number

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

1. Press Menu, 1, 6MNO.

7. Code Entry Mode

Code Entry Mode will allow the phone to accept TracFonerelated 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.

1. Press Menu, 1, 7PQRS.

Contacts

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

Note
When you access your Contacts, the number in parentheses represents the number of entries you have stored (up to 1000).

1. New Contact

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

1. Press Menu, 2ABC, 1.
2. Enter the name, then press to highlight the field in which you wish to store the contact information.
3. Enter the phone number or e-mail address.
4. Continue adding the desired contact information to the entry.
5. When you are finished entering

the desired contact information, press OK **Save** to save the entry into your Contact List.

2. Contact List

Allows you to view your Contact List.

1. Press **Menu**, 2ABC, 2ABC.
2. Choose from the following options:
   - Press ↕ to scroll through your Contacts alphabetically.
   - Press the Right Soft Key **Options** to select one of the following:

     Send Message/ Delete/ Edit/ Delete Multiple/ Send via Bluetooth/ Set Speed Dial
   - Press OK **View** to view the contact's information.
   - Press the Left Soft Key **New** to create a new contact.

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. Press **Menu**, 2ABC, 3DEF.
2. Choose from the following options:
   - Use ↕ to highlight a group, then press OK **View** to view the contacts in the selected group.
   - Press the Left Soft Key **New** to add a new group.
   - Use ↕ to highlight a group, then press the Right Soft Key **Options** to choose from the following options: **Delete/ Send Message/ Rename Group/ Group Ringtone/ Delete All**

4. My vCard

Allows you to edit and view your personal Contact information, including your name and phone numbers.

1. Press Menu, 2 ABC, 4 GHI.
2. Use to highlight the feature you wish to edit and press the Left Soft Key Edit.
3. Edit the information as desired and press OK Save.

5. Speed Dials

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

1. Press Menu, 2 ABC, 5 JKL.
2. Use to highlight the desired Speed Dial location (or enter the Speed Dial digit using the keypad), and press OK Assign.
3. Use to highlight the Contact and press OK.

A confirmation message is displayed.

A confirmation message is displayed.

Messages

The phone can store a total of up to 735 (Inbox 700 (400 SMS, 100 CMAS, 100 MMS and 100 MMS Notifications) + Drafts 35 (SMS 15, MMS 20) incoming messages and drafts. The information stored in the messages is determined by phone mode and service capability. Other limits, such as available characters per message, may exist. Please check with your service provider for system features and capabilities.

1. New 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. Press – **Menu**, 3 DEF, 1 @.
2. Enter the recipient's address.
3. Press OK to access the text field.
4. Type your message.
5. Press OK **Send**.

   A confirmation message is displayed.

Select Recipient(s) Using Options

1. Press – **Menu**, 3 DEF, 1 @.
2. Press the Right Soft Key – **Options** while in the **To** field.
3. Use ▲▼ to highlight an option and press OK.

   Contacts To select a recipient from your Contact List.

   Call History To select a recipient from your Recent Calls.

   Recent Messages Choose **Inbox** or **Outbox** to select a recipient from your Recent Messages.

   Groups Select a recipient from your Groups.

Cancel Cancels your message.

4. Complete your message and send it.

Customize Your Text Message Using Options

You have various options to customize the text while you are composing a message.

1. Press Menu, 3 DEF, 1 .
2. Enter the recipient's address.
3. Press OK to access the text field.
4. Press the Right Soft Key Options.
5. Select from the following options:

   Insert Templates/ Signature/ Name & Number

   Save as Drafts/ Templates

   Priority Level High/ Normal

   Cancel Cancels your message.
6. Complete your message and send it.

Message Icon Reference

Inbox

New/Unread Text Message
Opened/Read Text Message
High Priority Message

Sent

Failed Text Message
Multiple Failed Text Message
Sent Text Message
Multiple Sent Text Messages

Drafts

Draft Text Message

2. New Picture Message

Allows you send messages with text, images, and audio.

1. Press Menu, 3 DEF, 2 ABC.
2. Enter the recipient's address or press the Right Soft Key Options to search recent contacts.
3. Use to highlight the **Subject** field and enter your

subject.

4. Use ⇕ to highlight the **Text** field.
5. Type your message, then use ⇕ to highlight other fields.
6. With the **Image** field highlighted, press the Left Soft Key — **Add** and press OK to select:
   Image / Take Photo
7. If you choose **Image**, use ⇔ to highlight a picture then press the Left Soft Key — **Set**. If you choose **Take** Photo, take the picture by pressing OK **Capture** and then OK **Set**.
8. With the **Audio** field highlighted, press the Left Soft Key — **Add.**
9. Use ⇕ to highlight a sound, then press the Right Soft Key — **Set**.
10. When editing a field, the following options are available by pressing the Right Soft Key — **Options**:

    * Editing the To: field

      Contacts/ Call History/ Recent Messages/ Groups/ Cancel

    * Editing the Subject/Text fields

      Preview/ Add/ Go to/ Save As/ Priority Level/ Delivery Notice/ Remove/ Cancel

    * Editing the Image/Audio fields

      Preview/ Add Slide/ Go to/ Save As Draft/ Priority Level/ Delivery Notice/ Remove/ Cancel

11. Press OK **Send** to send the message.

3. Inbox

The phone can alert you in several ways when you receive a new message, including:

- Displaying a notification message on the screen.
- Displaying the message icon ✉

/ on the status bar (It blinks when the message is urgent).

- Ringing and/or Vibrating (depending on the Master Volume settings).

Received messages are displayed from newest to oldest.

Viewing Your Inbox

Up to 700 (400 SMS, 100 CMAS, 100 MMS and 100 MMS Notifications) messages can be stored in the Inbox.

1. Press – **Menu**, 3 DEF, 3 DEF.
2. Use ⌃⌄ to highlight a message.
3. Press the Left Soft Key – **Reply** to reply, OK **View** to view the message, or the Right Soft Key – **Options** for the following options:

   For text messages: **Delete/ Forward/ Save Contact/ Lock/ Delete Multiple**

   For picture messages: **Delete/ Forward/ Save Contact/ Lock/ Delete Multiple**

4. Press OK **View** and then press the Left Soft Key – **Reply** to reply or the Right Soft Key – **Options** to access the following options.

   Delete Deletes the selected message.

   Forward Forwards a received message to other destination address(es).

   Save Contact Stores the callback number, e-mail address, and numbers in the received message into your Contacts.

   Save to Templates Stores the message as a template for future messages.

   Go to URL Accesses the website by starting Browser (Only for messages containing a URL).

   Lock Locks the selected message.

Message Info Shows the message type priority and status.

Note

If you press **TTS key** at the SMS view screen of **Inbox**, it reads messages.

4. Outbox

Up to 100 sent messages (50 SMS and 50 MMS) can be stored in the Sent folder. View the contents of sent messages and verify whether the transmission was successful.

1. Press **Menu**, 3 DEF, 4 GHI.
2. Use to highlight a sent message. Press the Left Soft Key **Resend** to resend the message to the recipient, OK **View** to view the message, or the Right Soft Key **Options** to access additional options:

   Delete/ Forward/ Save Contact/ Lock/ Delete Multiple

3. While viewing the selected sent message, press the Left Soft Key **Resend** to resend the message to the recipient, or the Right Soft Key **Options** to access the following options:

   Delete Deletes the selected message.

   Forward Forwards a received message to other destination address(es).

   Save Contact Stores the callback number, e-mail address, and numbers in the received message into your Contacts.

   Save to Templates Stores the message as a template for future messages.

   Lock Locks the selected message.

   Message Info Shows the message type priority and status.

Note
For picture messages:

Play Again/ Delete/ Forward/ Save Contact/ Save Media/ Lock/ Extract Address/ Message Info

5. Drafts

Displays saved draft messages.

1. Press – **Menu**, 3 DEF, 5 JKL.
2. Use ↕ to highlight a Draft message.
   - Press OK **Edit** to edit the message.
   - Press the Right Soft Key – **Options** to access the following options:

     Delete Deletes the selected message from the Drafts.

     Save Contact Allows you to save the number to a new contact or an existing contact.

     Lock Locks a message so that it cannot be erased.

     Delete Multiple Allows you to delete multiple messages at one time.

6. Voicemail

Allows you to hear new voice messages recorded in your voice mailbox. Your phone will alert you when you receive a new voice message.

Checking Your Voice Mailbox

1. Press – **Menu**, 3 DEF, 6 MNO.
2. Choose from the following options:
   - Press the Left Soft Key – **Clear** to clear the voicemail counter.
   - Press SEND to listen to the message(s).
   - Press the Right Soft Key – **Exit** to return to the Messaging menu.

7. Templates

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

1. Press Menu, 3 DEF, 7 PQRS.
2. Press the Left Soft Key **New** to create a new template.
3. Enter the desired text and press OK **Save** to save the template.
4. Use to highlight a template and press the Right Soft Key **Options**.
5. Use to highlight **Edit** or **Delete** and press OK.

8. Settings

1. All Messages

1. Press Menu, 3 DEF, 8 TUV, 1.
2. Use to highlight **Entry Mode** or **Signature** and press OK.

Messaging Settings Sub- Menu Descriptions

1. **Entry Mode**

   Allows you to select the default text input method between **T9Word, Abc** and **123**.

2. **Signature (On/ Off/ Edit)**

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

2. CMAS Settings

1. Press Menu, 3 DEF, 8 TUV, 2 ABC.
2. Use to highlight the alert categories below and press OK.
   1. Presidential Alert
   2. Extreme Alert
   3. Severe Alert
   4. AMBER(Child Abduction Emergency)
   5. Alert Vibrate
   6. Alert Sound
   7. Alert Reminder

9. Delete All

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

1. Press – **Menu**, 3 DEF, 9 WXYZ.
2. Use ↕ to highlight **Delete Inbox, Delete Outbox, Delete Drafts,** or **Delete All Messages** and press OK.
3. Use ↕ to highlight **Yes** or **No** and press OK.

Recent Calls

The Recent Calls menu is a list of the last phone numbers or Contacts entries for calls you placed, accepted, or missed. 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.

1. Missed Calls

Allows you to view the list of missed calls; up to 50 entries.

1. Press – **Menu**, 4 GHI, 1 @.
2. Use ↕ to highlight an entry and press the Right Soft Key – **Options** for the following options:

   Save (Details)/ Delete/ Delete All/ Call Timer
3. Press PWR END to return to standby mode or highlight an entry and press SEND to dial that number.

2. Received Calls

Allows you to view the list of incoming calls; up to 50 entries.

1. Press Menu, 4 GHI, 2 ABC.
2. Use to highlight an entry and press the Right Soft Key Options for the following options:

   Save (Details)/ Delete/ Delete All/ Call Timer
3. Press PWR END to return to standby mode or highlight an entry and press SEND to dial that number.

3. Dialed Calls

Allows you to view the list of outgoing calls; up to 50 entries.

1. Press Menu, 4 GHI, 3 DEF.
2. Use to highlight an entry and press the Right Soft Key Options for the following options:

   Save (Details)/ Delete/ Delete All/ Call Timer
3. Press PWR END to return to standby mode or highlight an entry and press SEND to dial that number.

4. All Calls

Allows you to view the list of missed, received and dialed calls; up to 150 entries.

1. Press Menu, 4 GHI, 4 GHI.
2. Use to highlight an entry and press the Right Soft Key Options for the following options:

   Save (Details)/ Delete/ Delete All/ Call Timer
3. Press PWR END to return to standby mode or highlight an entry and press SEND to dial that number.

5. Call Timer

Allows you to view the duration of selected calls.

1. Press Menu, 4 GHI, 5 JKL.
2. Use to scroll through the

call type categories and press OK to exit.

Last Call/ Home Calls/ Roam Calls/ All Calls

3. If available, press the Left Soft Key – **Reset** to reset the highlighted call timer.

Games

Allows you to use the preloaded games or buy new games.

1. Buy Games

1. Press – **Menu**, 5 JKL, 1 @.
2. Search for a game and follow the on-screen steps to download it.

   or

   Select from the following pre-loaded games:
   Block Breaker3 Unlimited/ Texas Hold'Em Poker 2

Browser

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

1. Press Menu, 6MNO.
2. After a few seconds, you will see the home page.

Ending an Web Session

End an Web session by pressing PWR END.

Navigating Through the Browser

On-screen items may be presented in one of the following ways:

- **Numbered options**

  You can use your numeric keypad.

- **Links embedded in content**

  You can act on the options or the links by using the Soft Keys at the bottom of the display screen.

- **Text or numbers**

  You can select the items by moving the cursor and pressing the appropriate Soft Keys.

Scrolling

Use to scroll through the content if the current page does not fit on one screen. The currently selected item is indicated by a cursor on the screen.

Fast Scrolling

Press to quickly move the cursor up and down on the current screen.

Soft Keys

The Left Soft Key is used primarily for first options or selecting an item, but its function may change depending on the

content displayed.

The Right Soft Key is used primarily for secondary options or a menu of secondary options.

Entering Text, Numbers, or Symbols

When prompted to enter text, the current text entry method appears above the Right Soft Key as **abc, ABC, Sym, 123, etc.,** press the Right Soft Key. To change to upper case, press SHIFT.

Clearing Out Text/Numbers Entered

When entering text or numbers, press CLR to clear the last number, letter, or symbol. Press and hold CLR to clear the input field completely.

Initiating a Phone Call From Web

You can make a phone call from Web if the site you are using supports the feature. The Browser connection is terminated when you initiate the call.

Multimedia

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

1. Take Photo

1. Press **Menu**, 7 PQRS, 1 @.
2. Press to set camera settings, use to select **Brightness, Resolution, Capture, Zoom** or **Multishot**, the Left Soft Key **Gallery** to view **My Images**, or press the Right Soft Key **Options** to change the following settings: **Options tab**

   Color Effects Color/ Sepia/ Mono/ Negative

   White Balance Auto/ Sunny/ Cloudy/ Tungsten/ Fluorescent

   Night Mode On/ Off

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

View Mode Fit to Screen/ Landscape

Settings tab

Shutter Sound None/ Sound 1/ Sound 2/ Sound 3/ Sound 4

Auto Save On/ Off

Send Reminder On/ Off

Reset Yes/ No

3. Take a picture by highlighting **Capture** and pressing OK.
4. Select **Send** or **View**. Send will open a new Picture Message and View will allow you to view the following additional options:
   - **Save**: Allows you to save the image.
   - **Gallery**: Opens My Images.
   - **Send**: Allows you to send the picture in a picture message or via Bluetooth.
   - **Set As**: Allows you to set the image as your Wallpaper or a Contact's Picture ID.
   - **Delete**: Deletes the image.

2. Record Voice

Record Voice allows you to record short verbal/voice messages.

1. Press – **Menu**, 7 PQRS, 2 ABC.
2. Press OK **Record** to record a new voice memo.
3. Talk into the microphone, then press OK **Stop**. The default memo title is the date and time of recording.
4. Once recording has stopped, press the Right Soft Key – **Options** to access the following:

   Set As/ Rename/ Delete

   Or press the Left Soft Key – **Save** to save the recording or OK **Send** to send it in a multimedia message or via Bluetooth.

3. Images

Allows you to browse through the images saved on your handset.

1. Press – **Menu**, 7 PQRS, 3 DEF.
2. Select **My Images** or **Default**. Or select **Buy Graphics** and follow the on-screen instructions to buy images.
3. Use the Navigation Keys to view and scroll through the pictures.
4. Press the Right Soft Key – **Options** for the following options:

   Set As/ Slide Show/ Edit/ Image Effects/ Take Photo/ Delete/ Rename/ Lock/ Unlock/ List View/ Sort By

4. Sounds

Allows you to access your recorded sounds or record new ones.

1. Press – **Menu**, 7 PQRS, 4 GHI.
2. Press the Left Soft Key – **Voice** to record an audio clip.
3. Press the Left Soft Key – **Sound** to access **My Sounds** or press OK **Record** to begin recording.

   While recording, press the Left Soft Key – **Pause** to pause or Stop to OK **Stop** recording.
4. When you are finished recording, press the Left Soft Key Save to – **save** the audio clip or the Right Soft Key – **Options** to access additional options. Use ↕ to highlight **Set As**, **Rename**, or **Delete** and press OK.

- OR -

2. Use ↕ to highlight **My Sounds** or **Default** and press OK. Or select **Buy Ringtones** and follow the on-screen instructions to buy ringtones.
3. Use ↕ to highlight the audio clip.

- Press OK **Play** to play the selected audio clip.
- Press the Right Soft Key **Options** to access the following options:

For My Sounds: **Set As/ Record Voice/ Delete/ Rename/ Lock/Unlock/ File Info/ Sort By**

For Default: **Set As (Ringtone, Contact ID, Alert Sounds)**

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 also includes features that are useful for those who are driving or blind. It delivers time information by voice and allows you to check missed calls, messages and voicemails.

1. Start Command

Allows you to initiate a Web session.

1. To enter the Voice Command menu, press **Menu**, 8 TUV, 1 or press the **Voice Command Key**.

1.1 Call <Name> or <Number>

Allows you to call a Contact or dial a number.

1. Press the **Voice Command Key**.

2. Say **Call**, followed by the name as it is saved in your Contact List or say the number.

1.2 Voicemail

Allows you to call and listen to your voicemail.

1. Press the **Voice Command Key** and say "**Voicemail**".
2. The phone will announce any new Voicemail(s).

1.3 Missed Calls

You can hear details about missed calls.

1. Press the **Voice Command Key** and say "**Missed Calls**".

1.4 Messages

This voice command feature will read out information from messages received.

1. Press the **Voice Command Key** and say "**Messages**".

1.5 Time & Date

This voice command feature will read out the current time & date.

1. Press the **Voice Command Key**.
2. Say **Time & Date** to listen to the time and date.

1.6 Help

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

1. Press the **Voice Command Key**.
2. Say **Help** to view help information.

2. Command Mode

Allows you to choose between Normal or Speed settings. The Speed setting allows you to access the Voice Command functions more quickly with a non-verbal prompt.

1. Press **Menu**, 8 TUV, 2 ABC.

2. Select an option.

   Normal/ Speed

3. Announce Alert

Allows you to customize the Announce Alert function. Alert Announce allows you to hear more information about an incoming call in addition to, or instead of, the ringtone.

1. Press **Menu**, 8 TUV, 3 DEF.
2. Select an option.

   Disable/ Announce/ Announce + Ring

4. Train Word

Allows you to train the voice recognition for improved results.

1. Press **Menu**, 8 TUV, 4 GHI.
2. Select an option.

   Voice Command/ Answer/ Digit Dial

3. Follow the prompts.

5. Best Match

Allows you to customize Best Match settings.

1. Press **Menu**, 8 TUV, 5 JKL.
2. Select an option.

   1 Match/ 4 Matches

My Schedule

1. Alarm Clock

Allows you to set up to five alarms. At the alarm time, any set alarm will sound the tone of your choice, and an alarm message will be displayed on the LCD screen.

1. Press Menu, 9WXYZ, 1 @.
2. Use ↕ to highlight the alarm you wish to set, then press OK to select it.
3. Press the Left Soft Key **Set** to set the alarm time.
4. Use ↕ to highlight **Repeat** (recurrence setting).
5. Press ‹ › to select one of the following.

   Once/ Daily/ Mon - Fri/ Weekends
6. Use ↕ to highlight **Ringtone**, press the Left Soft Key **Set** and select a ringtone.
7. Press OK **Save**.

2. Calendar

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

1. Press Menu, 9WXYZ, 2ABC.
2. Use ‹ › ↕ to highlight the scheduled day.

   ‹ Moves cursor to the previous day.

   › Moves cursor to the next day.

   ↑ Moves to the previous week.

   ↓ Moves to the next week.
3. Press the Left Soft Key **New**.
4. Use ↕ to highlight the field you wish to edit, then press the Left Soft Key **Set** to edit your schedule information.
5. Once you have entered all the necessary information, press OK **Save**.

3. Notepad

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

1. Press Menu, 9WXYZ, 3DEF.
2. Press the Left Soft Key **New** to write a new note.
3. Type the note, then press OK **Save**.

   A confirmation message displays briefly, then displays your list of notes.

Note

If you press **TTS Key** at the Note view, it reads the Note text.

Bluetooth

The phone is compatible with devices that support the Bluetooth® headset, Basic Printing, File Transfer, hands-free object push and phonebook access profiles. You may create and store several pairings and connect to one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 30 feet (10 meters).

Note

Read the user guide of each Bluetooth® accessory that you are trying to pair with your phone because the instructions may be different.

Note

The Bluetooth® features of this handset may not be compatible with all devices which are Bluetooth® enabled; your service provider or handset manufacturer cannot be responsible for compatibility with devices not sold by the service provider or handset manufacturer.

1. Paired Devices

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

For pairing new Bluetooth® device

1. Press Menu, *, 1.
2. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
3. Press the Left Soft Key **Search** to search for devices to pair. If Bluetooth® power is set to off, you will be prompted to turn the power on. Highlight **Yes** and press OK.
4. Highlight **New Search** and press OK. The device will appear in the Device Found menu once it has been located. Highlight the device and press OK **Pair**.
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 press OK. Or you might be prompted to confirm matching passkeys.
6. Once pairing is successful, select a connection preference (**Always Ask** or **Always Connect**).
7. Once connected, you will see the device listed in the Paired Devices menu.

2. Power

Allows you to set the Bluetooth power to On or Off.

1. Press Menu, *, 2ABC.
2. Use ↕ to highlight **On** or **Off**, then press OK.

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

3. My Visibility

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

1. Press Menu, *SHIFT, 3DEF.
2. Use to highlight **On** or **Off**, then press OK.

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

4. My Bluetooth Info

Allows you to view information about the Bluetooth functionality.

1. Press Menu, *SHIFT, 4GHI.
2. Press the Left Soft Key **Rename**.
3. Enter the new name and press OK **Save**.

Tools

Your phone is equipped with helpful tools, including: Calculator, EZ Tip Calculator, Stopwatch, and Unit Converter.

1. Calculator

Allows you to perform simple mathematical calculations.

1. Press Menu, 0NEXT, 1.
2. Enter the necessary data.
   - Use the keypad to enter numbers.
   - Use *SHIFT to enter decimals.
   - Use #SPACE to enter parenthesis.
   - Press the Left Soft Key **Reset** to erase the entry.
   - Press the Right Soft Key **Operator** for additional calculating options.
   - Use the Navigation Keys to enter functions.

- Press OK to complete equation.

2. Ez 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 dividing it by the number of people paying.

1. Press – **Menu**, 0 NEXT, 2 ABC.
2. Enter the variable fields (**Bill**, **Tip**(%), **Split**).
3. The **Tip** ($) and **Total** fields will automatically be calculated.
4. Press the Left Soft Key – **Reset** to make another calculation.

3. Stopwatch

Allows you to record the elapsed time of an event.

1. Press – **Menu**, 0 NEXT, 3 DEF.
2. Press OK **Start** to start, and press OK **Stop** to stop.

- You can use the Lap function by pressing the Left Soft Key – **Lap** to record up to 99 laps and lap times.

4. Unit Converter

Allows you to convert units of Area, Length, Temperature, Mass, Volume and Velocity.

1. Press – **Menu**, 0 NEXT, 4 GHI.
2. Select the unit of measurement you want to convert:

   Area/ Length/ Mass/ Temperature/ Volume/ Velocity
3. Select the type of known unit and enter the desired amount. The conversion will automatically be calculated.

Settings

1. Sound

Options to customize your phone's sounds.

1.1 Ringtones

Allows you to assign ringtones for incoming calls.

1. Press Menu, #SPACE, 1, 1.
2. Select **All Calls/ Caller ID/ No Caller ID/ Buy Ringtones**.
3. Highlight **My Sounds/ Default/ Buy Ringtones** and press OK to open the desired folder.
4. Use ↑↓ to highlight the ringtone.
5. Press OK **Play** to play the ringtone and the Left Soft Key **Set** to set the ringtone to your phone.

1.2 Volume

Allows you to set various volume settings.

1. Press Menu, #SPACE, 1, 2ABC.
2. Select **Master Volume/ Keypad/ Earpiece/ Speaker**.
3. Use ↑↓ to adjust the volume of the function, then press OK to save the setting.

1.3 Message Alerts

Allows you to select the alert tone for a new message.

1. Press Menu, #SPACE, 1, 3DEF.
2. Select **Message/ Picture Message/Voicemail/ Message Reminder**.
3. Highlight **My Sounds/ Default/ Buy Ringtones** and press OK to open the desired folder.
4. Use ↑↓ to select a ringtone or setting, then press OK.

1.4 Alert Type

Allows you to select the alert types.

1. Press Menu, #SPACE, 1 @, 4 GHI.
2. Use ↑↓ to highlight the alert you wish to edit.

   Call Alert/ Message Alert/ Schedule Alert/ Alarm Alert
3. Use ←→ to scroll through the alert types.

   Ring Only/ Vibrate Only/ Ring & Vibrate
4. Press OK to **save**.

1.5 Service Alerts

Allows you to set any of the 5 Alert options to On or Off.

1. Press Menu, #SPACE, 1 @, 5 JKL.
2. Select an alert option.

1.5.1 Call Connect

Alerts you when the call is connected.

1.5.2 Back to Top

Alerts you when you scroll through the end of a menu list.

1.5.3 Low Battery

Alerts you when the battery charge level is low.

1.5.4 Roam Alert

Alerts you when the Roam service activates.

1. Use ↑↓ to highlight **On** or **Off**, then press OK. (Options for Low Battery are: **Announce/ Tone**)

1.6 Power On/Off Tone

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

1. Press Menu, #SPACE, 1 @, 6 MNO.
2. Use ↑↓ to highlight **On** or **Off**, then press OK.

1.7 Flip Tone

Allows you to set a Flip tone that will play when you flip open your phone.

1. Press Menu, #SPACE, 1 @, 7PQRS.
2. Use to highlight **On** or **Off**, then press OK.

1.8 TTS (Text-to Speech)

When you set this on, text messages and Notepad notes be read out.

1. Press Menu, #SPACE, 1 @, 8TUV.

Note
When the phone is in Vibration mode, TTS settings is off.

1.9 Emergency Tone

Allows you to set the phone to sound a tone when it is in Emergency mode.

1. Press Menu, #SPACE, 1 @, 9WXYZ.
2. Use to highlight **Ring**, **Vibrate**, or **Off**, then press OK.

2. Display

Options to customize your phone's display screen.

2.1 Wallpaper

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

1. Press Menu, #SPACE, 2ABC, 1 @.
2. Use to highlight a setting, then press OK.

   My Images/ Default/ Buy Graphics
3. Use to highlight an image and press the Left Soft Key Set.

2.2 Backlight

Allows you to set the duration for illuminating the backlight.

1. Press Menu, #SPACE, 2ABC, 2ABC.
2. Choose a submenu, then press OK.

   Display/ Keypad/ Brightness

3. Use ⌃⌄ to highlight a setting, then press OK.

2.3 Menu Style

Allows you to view the main Menu items as icons or on a list.

1. Press – **Menu**, #SPACE, 2ABC, 3DEF.
2. Highlight **Icon** or **List** and press OK.

2.4 Languages (Idiomas)

Allows you to use the bilingual feature according to your preference. Choose between English and Español.

1. Press – **Menu**, #SPACE, 2ABC, 4GHI.
2. Use ⌃⌄ to highlight **English** or **Español**, then press OK.

2.5 Clocks & Calendar

Allows you to select the type of clocks displayed on the main LCD.

1. Press – **Menu**, #SPACE, 2ABC, 5JKL.
2. Highlight **Main Screen** or **Front Screen**, then press OK.

2.5.1 Main Screen

Use ‹ › to highlight an option, then press OK.

Normal Clock/ Analog Clock/ Digital 12 Clock/ Digital 24 Clock/ Calendar/ Off

2.5.2 Front Screen

Use ‹ › to highlight an option, then press OK.

Digital Clock/ Minimize

2.6 Font Settings

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

1. Press – **Menu**, #SPACE, 2ABC, 6MNO.
2. Highlight a sub-menu and press OK.

   Font Type / Dial Font Style / Dial Font Size
3. Use ⌃⌄ to highlight an option, then press OK.

   Options for Font Type

   LG Gothic / LG Greentea / LG

Mint / LG Round / LG Secret

Options for Dial Font Style

Digital/ Blackboard/ Sketchbook/ Sky/ Basic

Options for Dial Font Size

Normal/ Large

2.7 Word Prediction

Allows you to activate word prediction, a function that uses your past text entries to predict what your next word will be.

1. Press **Menu**, #SPACE, 2ABC, 7PQRS.
2. Use ⌃⌄ to highlight **On/ Off**, then press OK.

2.8 Name Match for Dialing

Allows you to turn Name Match for Dialing On or Off.

1. Press **Menu**, #SPACE, 2ABC, 8TUV.
2. Use ⌃⌄ to highlight **On** or **Off**, then press OK.

3. Security

The Security menu allows you to secure the phone electronically.

3.1 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 setting a new lock code within the Security menu.

1. Press **Menu**, #SPACE, 3DEF.
2. Enter the four-digit lock code.

   The default lock code is commonly the last 4 digits of your phone number.
3. Press 1 @ **Lock Phone**.
4. Use ⌃⌄ to select an option, then press OK.

   Unlock The phone will remain unlocked.

Lock The phone is locked until it is unlocked again. When locked, you can receive incoming calls and make only emergency calls.

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

3.2 Camera Restriction

Allows you to block Camera use.

1. Press Menu, #SPACE, 3DEF.
2. Enter the four-digit lock code.
3. Press 2ABC **Camera Restriction**.
4. Use ⌃⌄ to highlight **Unlock** or **Lock** and press OK.

3.3 Change Lock Code

Allows you to enter a new fourdigit lock code.

1. Press Menu, #SPACE, 3DEF.
2. Enter the four-digit lock code.
3. Press 3DEF **Change Lock Code**.
4. Use ⌃⌄ to highlight **Phone Only** or **Camera** and press OK.
5. Enter your current four-digit lock code.
6. Enter a new 4-digit lock code.
7. For confirmation, it will ask you to enter the new lock code again.

3.4 Reset Default

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

1. Press Menu, #SPACE, 3DEF.
2. Enter the four-digit lock code.
3. Press 4GHI **Reset Default**.
4. A message will pop up that says "Preference settings will be set to factory defaults. Press <OK> to continue." Press OK.
5. Use ⌃⌄ to highlight **Revert** or **Cancel** and press OK.

4. Call Settings

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

4.1 Answer Options

Allows you to determine how to answer an incoming call.

1. Press Menu, #SPACE, 4GHI, 1.
2. Use to highlight a setting, then press OK.

   Flip Open / SEND Key Only / Any Key / Auto with Handsfree

4.2 One-Touch Dial

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

1. Press Menu, #SPACE, 4GHI, 2ABC.
2. Use to highlight **On** or **Off**, then press OK.

4.3 Senior Mode

Senior mode is a function that amplifies a sound for seniors to hear the voice well by emphasizing a low voice. It is used for enhancing the speech quality while you are on the phone.

1. Press , #SPACE, 4GHI, 3DEF.
2. Use to highlight **On/ Off**, then press OK.

4.4 Airplane Mode

Allows you to use features on your phone that do not require wireless communications.

1. Press Menu, #SPACE, 4GHI, 4GHI.
2. Read the displayed message and press OK to continue.
3. Use to highlight **On** or **Off**, then press OK.

4.5 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. Press Menu, #SPACE, 4GHI, 5JKL.
2. Read the displayed message and press OK to continue.
3. Use ↕ to highlight a setting, then press OK.

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

5. System

The System menu allows you to designate specific system network settings.

5.1 Network

5.1.1 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. Press Menu, #SPACE, 5JKL, 1@, 1@.
2. Use ↕ to highlight **Home Only, Automatic A** or **Automatic B**, then press OK.

5.1.2 Serving System

Identifies the channel number of a system that is served as an SID Number. This information should only be used for technical support.

1. Press Menu, #SPACE, 5JKL, 1@, 2ABC.

5.2 Location

Menu for GPS (Global Positioning System: Satellite assisted location information system) mode.

1. Press Menu, #SPACE, 5JKL, 2ABC.
2. Use ↕ to highlight **Location On** or **E911 Only**, then press OK.

6. Memory

Allows you to check the memory status of your phone.

1. Press Menu, #SPACE, 6MNO.

2. Use ⌃⌄ to highlight **Reserved Memory** or **Multimedia** and press OK.

7. Phone Info

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

1. Press − **Menu**, #SPACE, 7PQRS.
2. Use ⌃⌄ to highlight an option and press OK.

   My Number/ ESN/ MEID/ Icon Glossary/ Version

Safety

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.

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.

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.

Part 15.19 statement

This device and its accessories complys with part15 of FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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.

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 you experience interference with reception (e.g., television), determine if this equipment is causing the harmful interference by turning the equipment off and then back on to see if the interference is affected. If necessary, try correcting 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.

HAC

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.

For Your Safety

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or reproductive harm. Wash hands after handling.

Safety Information

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

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

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

- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- The phone shall only be connected to USB products that bear the USB-IF logo or have completed the USB-IF compliance program.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Use the correct adapter for your phone when using the battery pack charger abroad.
- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- The battery doesn't need to be empty before recharging.
- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or short-circuit the battery.
- Keep the battery's metal contacts clean.
- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred

times before replacement.

- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, Browser, and data connectivity kits affect battery life and talk/standby times.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it'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. Always cover the receptacle when not in use.
- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the

battery and cause an explosion.

- Do not disassemble or crush the battery. It may cause a fire.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- 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.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is

not liable for damage due to the loss of data.

- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.
- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- Do not disassemble or crush the battery. It may cause a fire.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as

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

- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- Do not disassemble or crush the battery. It may cause a fire.

Warning! Important safety information

Avoiding hearing damage

Permanent hearing loss may occur if you use your phone and/or headset at a high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use your phone and/or headset at high volume.

Using your phone safely

Use of your phone while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using your phone if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

- Turn the volume down if you can't hear people speaking near

you.

For information about how to set a maximum volume limit on your handset, please refer to the features guide for your handset.

Using headsets safely

Use of headsets to listen to music while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using this device if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.u.

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 standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining

the reasons for inconsistent results.

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

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit Radio Frequency (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 do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

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

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

- National Institute for Occupational Safety and Health

- Environmental Protection Agency
- Occupational Safety and Health Administration
- 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, 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 follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop — if they do — may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important

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

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to

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:

FDA web page on wireless phones

(http://www.fda.gov and click on "C" in the index, and select "Cell Phones").

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/)

10 Driver Safety Tips

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

user must uphold.

When operating a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Don't take notes or look up phone numbers while driving. If you are reading an address book

or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Do not get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light, or otherwise stationary. But if you need to dial while driving, follow this simple tip – dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations – with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it's a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies.

Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.
11. The above tips are meant as general guidelines. Before deciding to use your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations may prohibit or otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

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 Counsel 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.

This device was tested for typical body-worn operations with the back of the phone kept 0.79 inches (2.0 cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2.0 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 should not be used. Body-worn accessories that cannot maintain 0.79 inches (2.0 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RFexposure limits and should be avoided.

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.

The highest SAR value for this model phone when tested for use at the ear is 1.09 W/kg and when worn on the body, as described in this user's manual, is 0.63 W/kg. While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

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/fccidafter searching on FCC ID. BEJLG236C.

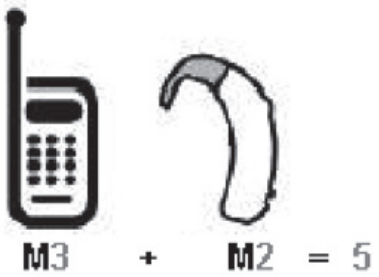
To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow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

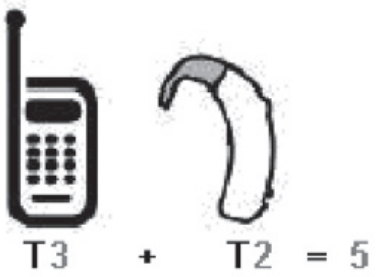
Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/

*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.

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 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.

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 above 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 is synonymous for T ratings. 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 is 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.

For information about hearing aids and digital wireless phones

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/dro/hearing.html

Gallaudet University, RERC

http://tap.Gallaudet.edu/DigWireless.KS/DigWireless.htm

Hearing Loss Association of America [HLAA]

http://www.hearingloss.org/

The Hearing Aid Compatibility FCC Order

http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

Accessories

There are a variety of accessories available for your mobile phone. Consult your local dealer for availability. Optional items are sold separately.

Battery Charger

The battery charger allows you to charge your phone battery.

Battery

Standard battery is available.

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