verizon

User Guide

LG TERRA™

LG TERRA™

User Guide

XXXXXXXXXX (1.0) ME

verizon

Guía del Usuario

LG TERRA™

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Phone Overview

1. LCD Screen Displays messages, indicator icons and active functions.
2. Left Soft Key Performs functions identified on the bottom-left corner of the screen.
3. Audio Jack Allows you to plug in an optional 3.5mm headset for convenient, hands-free conversations.
4. Volume Keys Use to adjust the Master Volume in standby mode* and the Earpiece Volume during a call. Use to adjust font sizes when viewing messages, entering phone numbers (in standby mode) or browsing menus (except for the Main menu).
5. Speakerphone Key Use to change to speakerphone mode.
6. Send Key Use to make and answer calls. Press from standby mode to access the All Calls list.
7. Accessory/Charger Port Connects the phone to the Wall/USB charger, or other compatible accessories.
8. Earpiece Lets you hear the caller and automated prompts.
9. OK Key/Directional Key Use the OK Key OK to select options and menus. Use the Directional Key ● to scroll through the menu items and highlight a specific field or object.
10. Right Soft Key Performs functions identified on the bottom-right corner of the screen.
11. Alarm Clock Key Allows quick access to the Alarm Clock menu.
12. Clear/Voice Commands Key Deletes single spaces or characters with a quick press, or press and hold to delete entire words in text entry screens. Press to back out of menus, one level at a time. Use for quick access to Voice Commands from standby mode.
13. Power/End Key Use to turn the power on/off and to end a call. Also exits menus and returns to standby mode.
14. Vibrate Mode Key Use to set Vibrate mode (from standby mode press and hold for about 3 seconds).

* Standby mode is when the phone is waiting for input from you. No menu is displayed and the phone isn't performing any action. It's the starting point for all of the instruction steps.

Rear view

1. microSD™ Slot
2. Camera Key Briefly press to access camera mode to take pictures. Press and hold to access video mode to record videos.
3. Battery
4. Back Cover

NOTE
The antenna is located inside your phone.

Tip
If you hold the phone enclosing the lower edge, you may interfere with the antenna's ability to receive a clear signal which affects call quality for voice or data transfer.

NOTE

- It's important to fully charge the battery before using the phone for the first time.
- Battery life and signal strength are significant factors (among others) that affect your phone's ability to send/receive calls or data transfer.

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Step 1. Remove the Back Cover

Use the fingertip cutout at the bottom of the phone to pull the back cover off.

Step 2. Insert the Battery

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

Step 3. Replace the Back Cover

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

Step 4. Charge the Phone

Your device comes with a Wall/USB charger and a USB cable which connect together to charge your phone.

Before turning on your phone, charge it fully.

USB cable

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

Removing the Battery

1. Turn the phone off.
2. Use the fingertip cutout at the bottom of the phone to pull the back cover off.
3. Use the fingertip opening near the bottom of the battery compartment to lift the battery out.

Charging with USB

You can use your computer to charge your phone. To be able to charge with the USB cable, you may need to have the necessary USB Driver installed on your PC first. Connect one end of the USB cable to the Accessory/Charger Port on your phone and the other end to the USB port on your PC.

NOTE Low-power USB ports are not supported, such as the USB ports on your keyboard or bus-powered USB hub.

Battery Temperature Protection

If the battery gets overheated, the phone will automatically turn off. When you turn the phone back on, a message pops up alerting you that the phone was powered off for your safety.

Battery Charge Level

You can find the battery charge level at the top right corner of the LCD screen. When the charge level becomes low, the battery sensor sounds a warning tone, blinks the battery icon, and/or displays a warning message. As the charge level approaches empty, the phone automatically switches off without saving.

Signal Strength

Call quality depends on the signal strength in your area. You can tell how much signal strength you have by the number of bars next to the signal strength icon 1X: the more bars, the stronger the signal. If you're having problems with signal quality, move to an open area or, when inside a building, try moving near a window.

Powering your phone on/off

PWR END Press and hold the **PWR/END Key** until the screen lights up.

PWR END Press and hold the **PWR/END Key** until the display turns off.

Making Calls

Open the flip and enter the phone number using the keypad.

SEND Press the **SEND Key** to dial the number.

PWR END Press the **PWR/END Key** to end the call.

NOTE Your phone has a Voice Commands feature that also lets you make calls by saying a phone number or Contact name. To access it, press CLR and say **Call** followed by the name or number.

Correcting Dialing Mistakes

While entering a phone number, press the **Clear/Voice Commands Key** CLR once to erase the last digit entered, or hold it down for at least two seconds to delete all the digits.

Redialing Calls

With the flip open, press the **Send Key** SEND twice to redial the last number dialed.

Receiving Calls

When the phone rings or vibrates, you can answer the call by simply opening the flip.

– **[Quiet]** Press the Left Soft Key to mute the ringing or vibration for that call.

– **[Ignore]** Press the Right Soft Key to end the call and send the caller directly to Voicemail.

OK **[TXT]** Press to end the call and send a quick text message.

PWR END Press the **PWR/END Key** to end the call, or simply close the flip.

Screen Icons

When the phone is on, the top line of the LCD screen displays phone status icons.

To see the icon glossary, with the flip open, press OK **[MENU]** > 9 wxyz **Settings & Tools** > **Phone Info** > 8 tuv **Icon Glossary** and select a subcategory.

Vibrate Mode

Sets the phone to vibrate instead of ringing (is displayed). To set Vibrate Mode, with the flip open, press and hold #. To return to Normal Mode, press and hold # again.

Sounds Off

Quickly deactivate your phone's sounds when you're in a place where phone sounds would be disruptive.

From standby mode with the flip open, press and hold the **Volume Down Key**. To return to normal sounds mode, press and hold the **Volume Up Key**.

Mute Function

The Mute Function prevents the transmission of your voice to the caller. To quickly activate Mute while on a call, press the Left Soft Key **[Mute]**. To unmute press the Left Soft Key **[Unmute]**.

Quick Volume Adjustment

Quickly adjust ringer and earpiece volumes by pressing the Volume Keys on the left side of the phone. Press the **Volume Up Key** to increase and **Volume Down Key** to decrease the volume.

NOTE The earpiece volume can only be adjusted during a call and Keypad Volume can only be adjusted through the Sounds Settings menu.

Quick Font Resize

When you view messages, enter phone numbers, or view sub-menus, press the Volume Keys simultaneously to quickly adjust the font size.

NOTE Not supported on the Main menu.

Call Waiting

During a call, one beep indicates another incoming call. Press the **Send Key** SEND to answer it and put the first call on hold. Press the **Send Key** SEND again to return to the first call.

3-way call

You can talk with two people at the same time with a three-way conversation on your wireless phone. Airtime and other charges, which may include toll or long distance charges, will apply for all simultaneous calls until you end one call.

1. While on the first call, dial the 10-digit number of the second person.
2. Press the **Send Key** SEND. The first person is automatically put on hold while the call is made.
3. When the second person answers, press OK **[MERGE]** to create a conference call.
4. If the second person does not answer, press the **Send Key** SEND twice to end the connection and go back to the first person.
5. To end both conversations completely, press the **Power/ End Key** END.

Caller ID

Caller ID displays the number and/ or name and picture (if applicable) of the person calling when your phone rings.

Voice Commands

Voice Commands allow you to do things by verbal command (e.g., make calls, check Voicemail, etc.). With the flip open, press the **Clear/Voice Commands Key** CLR on the keypad.

1. Call Say "Call" and then call someone simply by saying the name or phone number.
2. Send Msg to Say "Send Message" and the command will prompt you for the type of message.
3. Go to This allows you to access a menu within the phone.
4. Check This allows you to check out a wide range of items such as **Phone Status**, **Voicemail**, **Messages**, **Missed Calls**, **Time**, **Signal Strength**, **Battery Level**, **Volume**, **Balance**, **Minutes**, **Payment** and **My Number**.
5. Contacts You can look up names in your Contacts as well as manage your Contact List including creating, erasing or modifying.
6. Redial Say "Redial" and the phone will redial the last phone number.
7. Play Allows you to play music.
8. My Verizon This command provides you with direct access to your Verizon Wireless account information.
9. Help Provides a general guideline to using Voice Commands.

NOTE Voice Commands can also be started with the designated key on your Bluetooth® device. Please check the user manual of the Bluetooth® device for further instructions.

Text Input

The following key functions are available to help with text entry:

Left Soft Key: Press to change the text input mode.

Shift: Press to change capitalization (initial cap, caps lock, lowercase).

Space: Press to insert a space.

Right Soft Key: Press to select one of the following options: **Attach/ Insert Quick Text/ Save As Draft/ Priority Level/ Cancel Message**

Clear: Press to delete a single space or character. Press and hold to delete entire words or sentences.

Punctuation: Press to insert punctuation symbols.

Text Input Modes

In a text field, press the Left Soft Key to select a text input mode:

T9 Word/ Abc/ ABC/ 123/ T9 Palabra/ Symbols/ Quick Text/ Simplified Chinese/ Korean

NOTE

- T9 Palabra is the Spanish counterpart of T9 Word which utilizes accents, tildas, etc. for correct Spanish word spelling.
- Simplified Chinese supports PinYin as entry mode.
- Korean provides a key guide. To use the key guide, select Options > Show Key Guide.

Creating a Contact

1. With the flip open, enter a number (max. 48 digits), then press the Left Soft Key [Save].
2. Use the Directional Key to highlight **Add New Contact** or **Update Existing**, then press OK.
3. Use the Directional Key to highlight **Mobile 1/ Home/ Business/ Mobile 2/ Fax**, then press OK.
4. Enter a name (max. 32 characters), and any additional information, then press OK [SAVE].

NOTE If you selected the number type after selecting **Update Existing**, the contact information is automatically updated.

Customizing Individual Entries

1. With the flip open, press the Right Soft Key [Contacts], then use the Directional Key to highlight an entry.
2. Press the Left Soft Key [Edit].
3. Use the Directional Key to highlight the information to customize.
4. Change the entry as you want, then press OK [SAVE] to save your changes.

Speed Dial

Allows you to set up your Speed Dials.

1. With the flip open, press the Right Soft Key [Contacts], then use the Directional Key to highlight an entry.
2. Press the Left Soft Key [Edit].
3. Use the Directional Key to highlight a phone number, then press the Right Soft Key [Options].
4. Use the Directional Key to highlight **Set Speed Dial**, then press OK.
5. Select a Speed Dial digit.
   - Enter a digit using the keypad, then press OK [SET].
   - Use the Directional Key to highlight the Speed Dial digit, then press OK [SET].
6. Press OK [Yes] to confirm, then press OK [SAVE] to update your contact entry.

Storing a Number with Pauses

Pauses allow you to enter additional series of numbers to access automated systems such as Voicemail or credit billing numbers. Pause types are:

Wait (W) The phone stops dialing until you press the Left Soft Key **[Release]** to advance to the following series of numbers.

2-Sec Pause (P) The phone waits two seconds before dialing the next string of digits.

1. With the flip open, enter the phone number, then press the Right Soft Key **[Options]**.
2. Use the Directional Key to highlight **Add 2-Sec Pause** or **Add Wait**, then press OK.
3. Enter the additional number(s) (e.g., pin number, credit card number, etc.).
4. Press the Left Soft Key **[Save]**.
5. Choose **Add New Contact** or **Update Existing**.
6. Choose **Mobile 1/ Home/ Business/ Mobile 2/ Fax**.
7. Continue entering information for the Contact entry as necessary.

NOTE If you selected the number type after selecting **Update Existing**, the contact information is automatically updated. You do not have the option to enter additional information.

8. Press OK **[SAVE]** to update your contact entry.

Adding a Pause to an Existing Contact Entry

1. With the flip open, press the Right Soft Key **[Contacts]**.
2. Use the Directional Key to highlight a Contact entry, then press the Left Soft Key **[Edit]**.
3. Use the Directional Key to highlight the number, then press the Right Soft Key **[Options]**.
4. Press 3 **Add 2-Sec Pause** or 4 **Add Wait**.
5. Enter the additional number(s), then press OK **[SAVE]** to update your contact entry.

Adding Another Phone Number

From standby mode

1. With the flip open, enter a phone number, then press the Left Soft Key **[Save]**.
2. Use the Directional Key to highlight **Update Existing**, then press OK.

3. Use the Directional Key ● to highlight an existing entry then press OK to update your contact entry.
4. Use the Directional Key ● to highlight **Mobile 1/ Home/ Business/ Mobile 2/ Fax**, then press OK to update your contact entry.

From the Contact List Screen

1. With the flip open, press the Right Soft Key ▬ **[Contacts]**.
2. Use the Directional Key ● to highlight an entry, then press the Left Soft Key ▬ **[Edit]**.
3. Use the Directional Key ● to highlight the phone number field you wish to add. Then enter the number and press OK **[SAVE]** to update your contact entry.

Changing Saved Information

To edit any information you stored, access the Edit Contact screen:

1. With the flip open, press the Right Soft Key ▬ **[Contacts]**.
2. Use the Directional Key ● to highlight a Contact entry, then press the Left Soft Key ▬ **[Edit]**.
3. Use the Directional Key ● to highlight the field you want to change.
4. Make the changes, then press OK **[SAVE]** to update your contact entry.

Changing the Default Number

The default number is the phone number you first entered when you created the Contact. However, another number can be saved as the default number.

1. With the flip open, press the Right Soft Key ▬ **[Contacts]**.
2. Use the Directional Key ● to highlight an entry.
3. Press the Left Soft Key ▬ **[Edit]**.
4. Use the Directional Key ● to highlight a phone number, then press the Right Soft Key ▬ **[Options]**.
5. Use the Directional Key ● to highlight **Set As Default**, then press OK.
6. Press OK **[Yes]** to confirm the new number as the default. A confirmation message is displayed.
7. Press OK **[SAVE]** to update your contact entry.

Deleting

Deleting a Contact Entry

1. With the flip open, press the Right Soft Key [Contacts].
2. Use the Directional Key to highlight an entry.
3. Press the Right Soft Key [Options].
4. Press 2 **Erase**.
5. Press OK [Yes] to confirm.

Removing a Speed Dial

1. With the flip open, press the Right Soft Key [Contacts].
2. Use the Directional Key to highlight a Contact entry to edit and press OK [VIEW].
3. Highlight the phone number with the Speed Dial, then press OK [EDIT].
4. Press the Right Soft Key [Options].
5. Press 1 **Remove Speed Dial**.
6. Press OK [Yes] to confirm.
7. Press OK [SAVE] to update your contact entry.

Speed Dialing

Allows you to make phone calls quickly and easily to numbers stored in Contacts.

NOTE Speed Dial 1 is reserved for Voicemail.

Single Digit Speed Dials

Press and hold the Speed Dial digit. Your phone recalls the phone number from your Contacts, displays it, and dials it for you.

Multiple Digit Speed Dials

When you press and hold a number key, it signals the phone to call a Speed Dial. To dial Speed Dials with multiple digits, press the first digit(s), then press and hold the last digit. For example, to call Speed Dial 25, press 2, then press and hold 5.

NOTE You can also enter the Speed Dial digit(s) and press the **Send Key** SEND.

Speed Dials 95, 96, 97, 98, and 99

Speed Dials 95, 96, 97, 98, and 99 are preset to access certain phone account information:
95 (#Warranty Center),
96 (#DATA - Data Used),
97 (#BAL - Check Balance),
98 (#MIN - Minutes Used),
99 (#PMT - Make a Payment)
and 411 (Directory Assistance).
Unlike Speed Dial 1, these can be changed if you want.

Contacts

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

Shortcut The Right Soft Key is a shortcut key to the Contact List from standby mode.

1. New Contact

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

NOTE Using this submenu, the number is saved as a new Contact, not into an existing Contact.

1. Open the flip and press OK [MENU].
2. Press 1 **Contacts**.
3. Press 1 **New Contact**.
4. Enter the name and press the Directional Key downward until the phone number type you want is highlighted.
5. Enter the number and any additional contact information and press OK [SAVE] to update your contact entry.

NOTE For more detailed information, see page 17.

2. Contact List

Allows you to view your Contact List.

1. Open the flip and press OK [MENU].
2. Press 1 **Contacts**.
3. Press 2 **Contact List**.
4. Use the Directional Key to scroll through your Contacts alphabetically.
   - Press the Right Soft Key [Options] to select one of the following:

     New Contact/ Erase/ New Message/ Set As ICE Contact/ Call/ Manage Contacts/ Set As Favorite/ Search Entry Mode
   - Press the Left Soft Key [Edit] to edit.
   - Press OK [VIEW] to view the entry details.

Shortcut Use the Go To field, for quick access to an entry without scrolling. For example, to go to "Vet", enter the letter V.

3. Backup Assistant

You can save your phone's address book to a secure server. If your phone is lost or damaged, or if you upgrade to a new phone, Backup Assistant will restore your contacts. Go to **verizonwireless.com/baplus**.

NOTE Subject to specific terms of use. See **verizonwireless.com/baplus** for details.

1. Open the flip and press OK **[MENU]**.
2. Press 1 **Contacts**.
3. Press 3 **Backup Assistant**.
4. Follow the instructions to download the application.

4. Favorites

Allows you to add Contact entries or Contact groups to your list of Favorites to easily view, call, or send messages.

1. Open the flip and press OK **[MENU]**.
2. Press 1 **Contacts**.
3. Press 4 **Favorites**.
4. Press OK **[ADD]**.

Shortcut You can add up to 10 Contacts and/or Contact groups as Favorites to easily make calls, send messages, and view messages.

5. Select whether you want to add a favorite from your **Contacts** or **Group**.
6. Use the Directional Key ● to scroll through your Contacts or Groups alphabetically and press OK **[MARK]**.
7. Press the Left Soft Key ▬ **[Done]**. Once you have added Contacts to the Favorites list, the following options will become available in the Favorites menu:

   Left Soft Key ▬: **View**

   OK Key OK: **New Message/ View Messages**

   Right Soft Key ▬: **Options**

   Move Position/ Remove/ Remove All/ Set As ICE Contact

5. Groups

Allows you to view your grouped Contacts, add a new group, change the name of a group, delete a group, or send a message to everyone in the selected group.

1. Open the flip and press OK **[MENU]**.
2. Press 1 **Contacts**.

3. Press 5 **Groups**.
4. **View a Group**

   Use the Directional Key to highlight a group, then press OK **[VIEW]**.

   Add a New Group

   Press the Left Soft Key **[New]** to add a new group to the list. Enter a name and picture (if desired) and press OK **[SAVE]**.

   Group's options

   Press the Right Soft Key **[Options]** to select one of the following:

   New Message/ Edit Group Name & ID/ Edit Members/ Erase Group/ Set As Favorite/ Search Entry Mode

Adding Contacts to a Group

1. From Groups submenu, press OK **[VIEW]** and press OK **[ADD]**.

   OR

   If the Group already has members added, highlight the group name and press the Right Soft Key **[Options]**, then press 6 **Edit Members**.
2. Highlight a desired contact and press OK **[MARK]**.
3. Press the Left Soft Key **[Done]** to add contact to a group.

6. Speed Dials

Allows you to view your list of Speed Dials or designate Speed Dials for numbers entered in your Contacts.

1. Open the flip and press OK **[MENU]**.
2. Press 1 **Contacts**.
3. Press 6 **Speed Dials**.
4. Use the Directional Key to highlight the Speed Dial position, or enter the Speed Dial digit and press OK **[SET]**.
5. Use the Directional Key to highlight the Contact then press OK **[SET]**. (For Contacts with multiple numbers, highlight the number for the Speed Dial, then press OK **[SET]**.)
6. Press OK **[Yes]** to confirm. A confirmation message is displayed.

7. In Case of Emergency (ICE)

This menu allows you to store names, phone numbers and other

information, which will be very helpful in case of emergency.

1. Open the flip and press OK [MENU].
2. Press 1 Contacts.
3. Press 7 In Case of Emergency.
4. Use the Directional Key to highlight **Contact 1**, **2**, or **3**, then press OK [ADD].
5. Press 1 **From Contacts** or 2 **From Favorites** to add a Contact from your Contact List.

   OR

   Press 3 **New Contact** to enter information not stored in your Contact List.
6. Select the contact and press OK.
7. The Contact label changes to the specified name.

Entering Your ICE Personal Info

1. Open the flip and press OK [MENU].
2. Press 1 Contacts.
3. Press 7 In Case of Emergency.
4. Use the Directional Key to highlight **Personal Info**, then press OK [VIEW].
5. Use the Directional Key to highlight one of the **Note** entries, then press OK [ADD].
6. Enter information that would be helpful in an emergency (e.g., your medical record number), then press OK [SAVE]. The note label changes to the text entered.

Shortcut When you've assigned ICE Contacts and your phone is locked, the Left Soft Key appears as [ICE] allowing the emergency information to be viewed without unlocking the phone.

To unassign an ICE Contacts

From the ICE Contacts menu, press the Right Soft Key [Options], then press 2 **Unassign**. Then press OK [Yes].

To delete Personal Info entry

From the Personal Info menu, press the Right Soft Key [Erase]. Then press OK [Yes].

8. My Name Card

Allows you to create, edit, and view your own personal Contact information including name, phone numbers, and email address in one entry.

1. Open the flip and press OK [MENU].

2. Press 1 **Contacts**.
3. Press 5 **My Name Card**.
4. Press OK **[EDIT]** to enter your personal Contact information.
5. Use the Directional Key to scroll to the information you want to enter.
6. Enter your information as necessary, then press OK **[SAVE]**.

NOTE Press the Right Soft Key **[Send]** to send your name card.

Messaging

Shortcut From standby mode, pressing the Left Soft Key is a shortcut to Messaging.

Depending on the content and size of your messages, the phone can store up to 790 messages (including a max. of 300 text messages, 100 emergency alerts, 100 multimedia message notifications, and 100 multimedia messages in the Inbox; 100 text messages and 50 multimedia messages in the Outbox; 20 text messages and 20 multimedia messages in Drafts). Content stored in the message may be limited by phone model and service capability. Other limits to available characters per message may exist. Please check with your service provider for system features and capabilities.

- When viewing a received message, you can call the sender back by pressing the **Send Key** SEND.

New Message Alert

Your phone can alert you when you have new messages. Options include:

1. The phone displays a message on the screen.
2. The message icon ( ) is displayed on the screen. In the case of a high priority message, the icon( ) will flash.

1. New Message

Allows you to send messages (Text, Picture, Video and Voice). Depending on the type of message you choose to send, you can also attach files to your messages including pictures, videos, sounds, voice recordings and name cards.

The Basics of Sending a Text Message

1. Open the flip and press OK **[MENU]**.
2. Press 2 **Messaging**.
3. Press 1 **New Message**.

   To access this feature, you can press the Left Soft Key **[Message]** from standby mode.
4. Enter a phone number or a recipient's name in the **To** field.

   As you enter the phone number or a recipient's name, matching contacts appear. You can choose a suggested recipient or continue entering the phone number.

5. Press OK to access the text field.
6. Use the keypad to enter your message.
7. Press OK [SEND].

Select Recipient(s) Using Add

1. Open the flip and press OK [MENU].
2. Press 2 **Messaging**.
3. Press 1 **New Message**.
4. With the **To** field highlighted, press the Right Soft Key − **Add**.
5. Select an option and press OK.

   From Contacts To select a recipient from your Contact List.

   From Recent Calls To select a recipient from Recent Calls.

   Favorites To select a recipient from Favorites.

   Groups To Select a recipient from your Groups.
6. Use the keypad to enter your message.
7. Press OK [SEND].

Multimedia Message Using Options

Allows you send messages with text, picture, video, sound and name card attachments.

1. Open the flip and press OK [MENU].
2. Press 2 **Messaging**.
3. Press 1 **New Message**.
4. Enter a phone number or a recipient's name in the **To** field.
5. Press OK to access the text field.
6. Use the keypad to enter your message.
7. Press the Right Soft Key − **Options**.
8. Select an option and press OK.

   1. Attach

      1. **Picture** Highlight a picture, then press OK.
      2. **Take Picture** Take a picture of the subject and press OK.
      3. **Video** Highlight a video, then press OK.
      4. **Record Video** Record a video and press OK.
      5. **Sound** Highlight a sound, then press OK.
      6. **Record Voice** Press OK to start recording and then press OK to **STOP**.
      7. **Name Card**

         1. **My Name Card** Press OK to add.

2. **From Contacts** Press OK **[MARK]** to mark the name cards and press **[Done]**.

2. Insert Quick Text Highlight the text and press OK.
3. Save As Draft Press OK to save as draft.
4. Priority Level Choose from **High** or **Normal** and press OK **[SET]**.
5. Cancel Message Select **Yes** to save the message in drafts or **No** to cancel the message without saving the message in drafts.

9. Use the keypad to enter your subject in the subject field.
10. Press OK **Send**.

2. Inbox

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

- By displaying a notification message on the screen.
- By sounding a tone or vibration, if set.
- By displaying (The icon will be when you get a high priority message.)

Viewing Your Inbox

1. Open the flip and press the Left Soft Key **[Message]**.
2. Highlight a message. The following options are available.

- Press OK **[OPEN]** to view the message.
- Press the Left Soft Key **[Reply]** to reply to the message.
- Press the Right Soft Key **[Options]** to access the following options:

Erase Allows you to erase the message.

Add To Contacts Stores the callback number, email address, and numbers from the address of the received message into your Contacts.

Manage Messages Allows you to Erase, Lock, and Unlock messages.

Sort Alphabetically Allows you to sort your messages in alphabetical order.

Messaging Menu Takes you to the Messaging menu.

Settings Allows you to change various Messaging settings.

Message Icon Reference

- New TXT Message
- Read TXT Message
- Unopened Downloaded Multimedia Message
- Opened Downloaded Multimedia Message
- Unread Multimedia Message
- Read Multimedia Message
- Message Delivered
- Message Failed
- Pending Message
- Message Sent
- New Webmail
- Webmail Read
- Multiple Messages Delivered
- Multiple Messages Failed
- Multiple Message Delivery Incomplete
- Multiple Pending Messages
- Multiple Messages Sent
- New Group Message
- Read Group Message
- Group Message Delivered
- Group Message Failed
- Group Message Delivery Incomplete
- Pending Group Message
- Group Messages Sent
- TXT Message Draft
- Media Message Draft
- Namecard
- High Priority
- Lock

* Multimedia Message indicates Picture/ Video/Voice Message.

3. Drafts

Saved message drafts are stored here.

1. Open the flip and press OK **[MENU]**.
2. Press 2abc **Messaging**.
3. Press 3def **Drafts**.
4. Highlight a message. The following options are available.

- Press OK **[EDIT]** to continue editing the message.
- Press the Left Soft Key **[Erase]** to erase the message.
- Press the Right Soft Key **[Options]** for the following options.

Send Sends the selected message.

Add To Contacts Stores the number, email address, and numbers from the address included in the message into your Contacts.

Manage Drafts Allows you to manage (erase or lock) messages.

Message Icon Reference

Draft Text Message

Draft Multimedia Message

4. Voicemail

Allows you to view the number of new voice messages recorded in the Voicemail box. Once you exceed the storage limit, old messages are overwritten. When you have a new voice message, your phone will alert you.

Checking Your Voicemail Box

1. Open the flip and press OK [MENU].
2. Press 2 **Messaging**.
3. Press 4 **Voicemail**.
4. The following options are available.

- Press the Left Soft Key [Clear] to clear the Voicemail Counter, then then press OK [Yes].
- Press the **Send Key** SEND or OK [CALL] to listen to the message(s).

OR

1. Enter # 8 6 (*VM) and press the **Send Key** SEND from your phone or dial your wireless phone number from any touch-tone phone.

   OR

   Press and hold 1 from your phone, as a speed dial to your voicemail.
2. When the recorded announcement begins, press # to interrupt (if applicable).
3. When prompted, enter your password, then #.

5. Mobile Email

Allows you to send an email via Mobile Web. You can also send and receive emails through Mobile Email after downloading the application.

1. Open the flip and press OK [MENU].

2. Press 2 **Messaging**.
3. Press 5 **Mobile Email**.
4. Subscribe to the service (if necessary).
5. Accept the Terms of Service.
6. Highlight an email provider and press OK.
7. Follow the instructions to set up your account(s).

6. Social Networks

The upgraded text-based social networks allow you to update your status, picture upload, video upload, and write on someone's wall by sending a text message.

1. Open the flip and press OK **[MENU]**.
2. Press 2 **Messaging**.
3. Press 6 **Social Networks**.
4. Select one of the social networking service providers.
5. Update your information as desired.

NOTE Press the Right Soft Key **[Options]** and select **Help** to find out how to subscribe to text-based updates.

Messaging Settings

Allows you to configure settings for your messages.

1. With the flip open, press OK **[MENU]**.
2. Press 2 **Messaging**.
3. Press the Left Soft Key **[Settings]**.
4. Use the Directional Key to highlight one of the settings and press OK to select it.

Message Settings Sub-Menu Descriptions

1. Inbox View

Select **Time** to display messages chronologically in Inbox and Sent folders. Select **Contact** to sort all messages alphabetically by Contact in one message folder.

NOTE By default, Contact is set as the Inbox View setting. If changed to Time, the Messaging menu will appear differently.

2. Entry Mode

Select **T9 Word, Abc, ABC, 123, T9 Palabra, Simplified Chinese** or **Korean** to be your default input method.

3. Auto Save Sent

Select **On** to automatically save your Sent messages.
Select **Off** if you don't want to

save automatically. Select **Prompt** to be asked to save.

4. Auto Erase Inbox

Select **On** to automatically delete read messages when you exceed the storage limit. Or, select **Off**.

5. Messaging Font Size

Select **Small**, **Normal** or **Large** for the size of the Messaging characters.

6. TXT Auto View

Select **On** to automatically display message content on the screen. Select **On + Readout** to automatically display content and read it aloud. Select **Off** for more security and privacy by requiring the message to be opened to view it.

7. TXT Instant Reply

Select **On** to text a reply instantly. Or, select **Off**.

8. Group Messaging

Select default setting for messages to multiple contacts.

If you select **Group Conversation**, recipients can reply to whole group.

If you select **Individual Messages**, recipients can reply only to you.

9. TXT Auto Scroll

Select **On** to automatically scroll text down while viewing messages. Or, select **Off**.

10. Multimedia Auto Receive

Select **On** to automatically download attachments to Multimedia messages.
Or, select **Off**.

11. Quick Text

Displays your list of Quick Text phrases to help you to reduce manual input into messages. Use this submenu to edit and add text.

12. Emergency Alert

Set your configuaration for receiving emergency alerts. This menu has three options: **Receive Alerts/Alert Reminder/Alert Vibrate**

13. Voicemail #

Allows you to manually enter the access number for Voicemail Service. This number should be only used when a VMS (Voicemail Service) access number is not provided by the network.

14. Callback

Select **On** to automatically send a designated callback number with your messages. Or, select **Off**.

15. Signature

Select **Custom** to create/edit a signature to automatically send with your messages. Select **None** for no signature.

16. Delivery Receipt

When **Delivery Receipt** is set to **On**, you can see if your sent messages have been delivered ( ). Or select **Off**.

17. TXT-Media Msg Notification

Displays pop-up notification when switching message types between text and media.

Erasing Messages

You can erase messages stored in your Inbox, Sent, or Drafts folders. You can also erase all messages at the same time.

1. Open the flip and press OK **[MENU]**.
2. Press 2 **Messaging**.
3. Press the Right Soft Key **[Options]** then select one of the following:

   Erase Sent/Received/ Erase Drafts/ Erase All Messages
4. Press OK **[Yes]** to confirm the deletion or select which messages you want to delete.

   A confirmation message is displayed.

Recent Calls

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

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

1. Open the flip and press OK **[MENU]**.
2. Press 3 **Recent Calls**.
3. Press 1 **Missed**.
4. Use the Directional Key to highlight an entry, then
   - Press OK **[OPEN]** to open the entry.
   - Press the **Send Key** SEND to place a call to the number.
   - Press the Right Soft Key **[Options]** to select:

     Save To Contacts (Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers
   - Press the Left Soft Key **[Message]** to send a message to the number.

2. Received

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

1. Open the flip and press OK **[MENU]**.
2. Press 3 **Recent Calls**.
3. Press 2 **Received**.
4. Use the Directional Key to highlight an entry, then
   - Press OK **[OPEN]** to open the entry.
   - Press the **Send Key** SEND to place a call to the number.
   - Press the Right Soft Key **[Options]** to select:

     Save To Contacts (Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers
   - Press the Left Soft Key **[Message]** to send a message to the number.

3. Dialed

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

1. Open the flip and press OK [MENU].
2. Press 3 **Recent Calls**.
3. Press 3 **Dialed**.
4. Use the Directional Key ● to highlight an entry, then
   - Press OK **[OPEN]** to open the entry.
   - Press the **Send Key** SEND to place a call to the number.
   - Press the Right Soft Key − **[Options]** to select:

     Save to Contacts(Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers
   - Press the Left Soft Key − **[Message]** to send a message to the number.

4. All

Allows you to view the list of all calls; up to 270 entries.

1. Open the flip and press OK [MENU].
2. Press 3 **Recent Calls**.
3. Press 4 **All**.
4. Use the Directional Key ● to highlight an entry, then
   - Press OK **[OPEN]** to open the entry.
   - Press the **Send Key** SEND to place a call to the number.
   - Press the Right Soft Key − **[Options]** to select:

     Save to Contacts(Contact Info)/ Erase/ Lock(Unlock)/ Erase All/ View Timers
   - Press the Left Soft Key − **[Message]** to send a message to the number.

Shortcut To view a quick list of all your recent calls, press the **Send Key** SEND from standby mode.

5. View Timers

Allows you to view the duration of selected call types.

1. Open the flip and press OK **[MENU]**.
2. Press 3 **Recent Calls**.
3. Press 5 **View Timers**.
4. Use the Directional Key to highlight a call list.

   Last Call/ All Calls/ Received Calls/ Dialed Calls/ Roaming Calls/ Transmit Data/ Received Data/ Total Data/ Last Reset/ Lifetime Calls/ Lifetime Data Counter
5. Press the Left Soft Key **[Reset]** to reset the highlighted timer.
6. Reset all the recorded timers by pressing the Right Soft Key **[Reset All]**.

NOTE Lifetime Calls and Lifetime Data Counter cannot be reset.

Mobile Web

Allows you to access news, sports, weather, and email from your Verizon Wireless device. Accessibility and selections within this feature are dependent upon your service provider. For specific information on Mobile Web access through your phone, contact your service provider.

Shortcut Pressing the Left Directional Key is the shortcut to accessing the Browser when the flip is open.

1. Open the flip and press OK [MENU].
2. Press 4 **Mobile Web**.

NOTE Refer to the Media Center section on the following page for more Browser information.

Media Center

Everything you need to know while you're on the go.

1. Apps

1. Open the flip and press OK [MENU].
2. Press 5 Media Center.
3. Press 1 Apps.
4. Select **SHOP APPS** or highlight an application using the Directional Key, then press OK.

Backup Assistant

Backup Assistant safeguards your mobile phone's address book and automatically saves a copy of the names, phone numbers, and email addresses stored in your phone. See page 21 for additional details.

Mobile Email

Mobile Email is an application downloadable from the Apps menu. Don't miss an important email. Thanks to Mobile Email, you can get your emails on your phone while you're on the go.

Mobile Email works with many providers, including Yahoo!, AOL, Verizon.net and others. Get alerts from your phone when new email has arrived.

Additional fees may apply.

2. Mobile Web

1. Open the flip and press OK [MENU].
2. Press 4 **Mobile Web**.

   OR

   Press 5 **Media Center**, then press 2 **Mobile Web**.

Ending a Browser Session

End a Browser session by pressing the **Power/End Key**.

Navigating Through the Mobile Web

On-screen items appear in one of the following ways:

- Numbered options

  You can use your numeric keypad or you can select the items by moving the cursor and pressing the appropriate Soft Keys.

- Links embedded in content

  You can act on the options or the links using the Soft Keys just below the display screen.

- Text or numbers

  You can select the items by moving the cursor and pressing OK.

Scrolling

Use the Directional Key. The browser's cursor will highlight currently selected items.

Fast Scrolling

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

Soft Keys

To use (if available) special functions press the Soft Keys. The function, associated with the Soft Keys can change for each page and depends on each highlighted item.

Entering Text, Numbers, or Symbols

When prompted to enter text, you can enter abc, Abc, ABC, 123, symbols using a keypad. To enter an upper case character, press *.

To insert a space, *, #, press #.

Deleting Text/Number Entered

When entering text or numbers, press CLR to clear the last number, letter, or symbol.

Initiating a Phone Call From the Mobile Web

You can make a phone call from the Mobile Web if the site you are using supports the feature (the phone number or **Call** can be highlighted). Highlight the link and press OK to place the call. The browser connection is terminated when you initiate the call. After you end the call, your phone returns to the screen from which you initiated the call.

3. Music & Tones

Personalize your phone with ringtones. A wide variety of choices are available, such as current hits, pop, hip-hop, and more.

Access and Options

1. Open the flip and press OK **[MENU]**.
2. Press 5 **Media Center**.
3. Press 3 **Music & Tones**.
4. Select a submenu by pressing the number that corresponds with the submenu.

3.1 My Ringtones

Allows you to select a desired ringtone.

1. Open the flip and press OK [MENU].
2. Press 5 Media Center.
3. Press 3 Tunes & Tones.
4. Press 1 My Ringtones.
5. Use the Directional Key to highlight a ringtone and press OK [PLAY] to play the ringtone or the Left Soft Key [Set As] to set the ringtone as:

- 1 **Ringtone:** Sets the ringtone for your incoming calls.
- 2 **Contact ID**: Highlight and select the Contact to be identified by the ringtone you selected.
- 3 **Alert Sounds**: Press the corresponding number key to set the ringtone for one of the following:

  All Messages/ TXT Message/ Multimedia Message/ Voicemail

3.2 My Music

Allows you to listen to desired music. Supported formats are MP3 and WMA.

1. Open the flip and press OK [MENU].
2. Press 5 Media Center.
3. Press 3 Music & Tones.
4. Press 2 My Music.
5. Select from the following sub-menus:

   All Songs/ Playlists/ Artists/ Genres/ Albums /Manage My Music/ Music Settings
6. Select the name of the song you want to hear to start the music player.

Play your Music

It is easy to find and play the music you've stored in your phone and memory card.

- **All Songs** allows you to view all of your songs alphabetically.
- **Playlists** allows you to view and play your songs by playlists.
- **Artists** allows you to view and play your songs grouped by artist.
- **Genres** allows you to view and play songs grouped by genre.
- **Albums** allows you to view and Play songs grouped by albums.
- **Manage My Music** allows you to manage your music files. (Erase/ Lock/ Unlock/ Move to card/ Move to phone)

- **Music Settings** allows you to set playback options. (Repeat/ Shuffle/ Music Only Mode)

3.3 My Sounds

Allows you to record a new sound or select a desired sound.

How to record a new sound

1. Open the flip and press OK [MENU].
2. Press 5 **Media Center**.
3. Press 3 **Music & Tones**.
4. Press 3 **My Sounds**.
5. Press 1 **Record New** and press OK to start recording, then press OK [STOP] to end recording.

How to select a sound

1. Open the flip and press OK [MENU].
2. Press 5 **Media Center**.
3. Press 3 **Music & Tones**.
4. Press 3 **My Sounds**.
5. Use the Directional Key to scroll and highlight a preloaded sound.

Options with a sound file highlighted:

- Press the Left Soft Key [Set As] to set it as the Ringtone, Contact ID or Alert Sounds.
- Press OK [PLAY].
- Press the Right Soft Key [Options] to select:

  Send/ Via Email/ Rename/ Move/ Lock/ Erase/ Erase All/ File Info

4. Picture & Video

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

Access and Options

1. Open the flip and press OK [MENU].
2. Press 5 **Media Center**.
3. Press 4 **Picture & Video**.
4. Browse the submenus.

4.1 My Pictures

Allows you to view and manage photos stored in the phone.

1. Open the flip and press OK [MENU].
2. Press 5 **Media Center**.
3. Press 4 **Picture & Video**.

4. Press 1 **My Pictures.**
5. Highlight a picture with the Directional Key ●.

The following options are available:

- Press OK **[VIEW]** to view it.
- Press the Left Soft Key − **[Erase]** to delete it.
- Press the Right Soft Key − **[Options]** to select one of the following options:

  Send New Message/ To Social Network/ Via Email/ Via Bluetooth

  Set As Wallpaper/ Picture ID

  Take Picture Opens the camera so you can take a picture.

  Slide Show Plays all pictures as a slide show.

  Manage Pictures Allows you to mark multiple pictures to be erased, sent or locked/ unlocked.

  Rename Allows you to change the file name.

  *Lock (Unlock) Allows you to lock or unlock. Locked files can't be erased accidentally.

  File Info Allows you to view information about the file.

* Only appears when the picture is stored on the phone.

4.2 My Videos

Allows you to view and manage videos stored in the phone.

1. Open the flip and press OK **[MENU]**.
2. Press 5 **Media Center.**
3. Press 4 Picture & Video.
4. Press 2 My Videos.
5. Highlight a video with the Directional Key ●.

- Press OK **[PLAY]** to play it.
- Press the Left Soft Key − **[Erase]** to delete it.
- Press the Right Soft Key − **[Options]** to select one of the following options:

  Send New Message/ To Social Networks/ Via Bluetooth

  Record Video Turn on the video recorder function.

  Manage Videos Allows you to mark multiple videos to be erased, locked/ unlocked, move to phone, or move to card.

  Rename Allows you to change the file name.

* Lock (Unlock) Allows you to lock or unlock. Locked files can't be erased accidentally.

File Info Allows you to view information about the file.

* Only appears when the video is stored on the phone.

4.3 Take Picture

Lets you to take digital pictures.

Shortcut Press the Camera Key to open the camera function.

1. Open the flip and press OK **[MENU]**.
2. Press 5 **Media Center**.
3. Press 4 **Picture & Video**.
4. Press 3 **Take Picture**.
5. Set the brightness by pressing the Directional Key up and down, zoom by pressing the Directional Key left and right, and press the Right Soft Key **[Options]** to change other settings.

NOTE Zooming is not available on the highest resolution.

- Press the Directional Key left and right to access the following settings:

RESOLUTION 1600X1200/ 1280X960/ 640X480/ 320X240

SELF TIMER Off/ 3 Seconds/ 5 Seconds/ 10 Seconds

WHITE BALANCE Auto/ Sunny/ Cloudy/ Fluorescent/ Glow

SHUTTER SOUND Shutter/ No Sound/ Say "Cheese"/ Ready! 1 2 3

COLOR EFFECTS Normal/ Negative/ Aqua/ Sepia/ Black&White

NIGHT MODE On/ Off

AUTO SAVE On/ Off

SAVE OPTION Internal/ External

PREVIEW Actual view/ Full screen

CAPTURE Camera/ Video

6. Take a picture by pressing OK **[TAKE]**.
7. Press the Left Soft Key **[Save]**. The picture is stored in **My Pictures**.

- Press the Right Soft Key **[Erase]** to erase the picture.

4.4 Record Video

Lets you to record videos.

Shortcut Press and hold the Camera Key to open the video recording function.

1. Open the flip and press OK **[MENU]**.
2. Press 5 Media Center.
3. Press 4 Picture & Video.
4. Press 4 Record Video.
5. Set the brightness by pressing the Directional Key up and down, zoom by pressing the Directional Key left and right, and press the Right Soft Key **[Options]** to change other settings.

- Press the Directional Key left and right to access the following settings:

  RECORDING TIME For Send/

  For Save

  RESOLUTION 320x240/ 176x144

  WHITE BALANCE Auto/ Sunny/ Cloudy/ Fluorescent/ Glow

  COLOR EFFECTS Normal/ Negative/ Aqua/ Sepia/ Black&White

  AUTO SAVE On/ Off

  SAVE OPTION Internal/ External

  CAPTURE Camera/ Video

6. Start recording by pressing OK **[RECORD]**. Press OK **[STOP]** to stop recording.

- Press the Left Soft Key **[Save]**. The video is stored in My Videos.
- Press the Right Soft Key **[Erase]** to erase the video.

Mobile Email

The Mobile Email menu allows you to set up your email account and conveniently exchange emails wirelessly using your device. To use this feature, you may need to download the application first; read the instructions on your device and follow them.

1. Open the flip and press OK [MENU].
2. Press 6 **Mobile Email**.
3. Follow the on-screen prompts.

Apps

This menu allows you to download applications to use on your phone. Refer to page 38 for more information.

1. Open the flip and press OK [MENU].
2. Press 7 **Apps**.
3. Follow the on-screen prompts.

My Pictures

Allows you to view and manage the pictures stored in your phone. You can also take new photos and download new pictures.

1. Open the flip and press OK [MENU].
2. Press 8 **My Pictures**.

See page 41 for more information.

Settings & Tools

1. My Verizon

Check your subscription information ranging from your payment plan to your software upgrade or other available service.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 1 My Verizon.

2. Master Volume

Allows you to set the Master Volume settings.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 2 Master Volume.
4. Adjust the volume with the Directional Key and press OK [SET] to save the setting.

3. Tools

This menu includes useful tools to make your life easier.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 3 Tools.

3.1 Voice Commands

This feature provides you with the following options equipped with AVR (Advanced Voice Recognition) technology. Each option has its detailed information on the phone and you can check it out by pressing the Left Soft Key [Info].

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 3 Tools.
4. Press 1 Voice Commands.

Access and Options

Shortcut With the flip open, press the Clear/Voice Command Key CLR on the keypad.

The Voice Commands feature has several settings which allow you to customize how you want to use it. Access Voice Commands, then press the Right Soft Key [Settings].

Confirm Choices **Automatic/ Always Confirm/ Never Confirm**

Sensitivity Set the sensitivity as **More Sensitive/ Automatic/ Less Sensitive.**

Train Voice If the phone often asks you to repeat voice command, train the phone to recognize your voice patterns.
Train Words/ Train Digits

Prompts **Mode/ Audio Playback/ Timeout**

- For Mode, set **Prompts/ Readout + Alerts/ Readout/ Tones Only**.
- For Audio Playback, set **Speakerphone** or **Earpiece**.
- For Timeout, set **5 Seconds** or **10 Seconds**.

CLR Key Activation **On/ Off**

By default, the **Clear/Voice Commands Key** CLR on the keypad activates the Voice Command feature. To deactivate, change the CLR Key Activation setting to Off.

3.1.1 Call <Name or Number>

Say "Call" and then call someone simply by saying the name or phone number. Please speak clearly and say the name or number exactly as it is entered in your Contact List. When you have more than one contact number, you can state the name and number type of the contact (for example, 'Call John Work').

3.1.2 Send Msg to <Name or Number or Group>

To create a message, say 'Send message' and the command system will prompt you for the contact name, number, or group. It will automatically start a message. If you say a full-sentence command, such as 'Send Message to Bob', it will automatically start a text message. When using 'Send Message' command, speak clearly and say the name, number or group exactly as it is entered in your Contact List.

3.1.3 Go to <Menu>

The 'Go to' command allows you to access a menu within the phone (for example, 'Go to Calendar').

If no menu option is stated, a list of options will be provided.

3.1.4 Check <Item>

The 'Check' command allows you to check out a wide range of items such as **Phone Status, Voicemail, Messages, Missed Calls, Time, Signal Strength, Battery Level, Volume, Balance, Minutes, Payment** and **My Number**.

3.1.5 Contacts <Name>

You can look up names in your Contacts (for example, 'Contacts John') as well as manage your Contact List including creating, erasing or modifying.
Call/ Read out/ Create New/ Modify/ Erase

3.1.6 Redial

Say "Redial" and the phone will redial the last phone number.

3.1.7 Play

State the playlist that you want to listen to and the phone will find it out.

3.1.8 My Verizon

The 'My Verizon' command provides you with direct access to your Verizon Wireless account information.

3.1.9 Help

Provides a general guideline to using Voice Commands.

3.2 Calculator

Allows you to perform simple mathematical calculations.

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 3 **Tools**.
4. Press 2 **Calculator**.
5. Enter the numbers to get the value you want. To clear entered items, press the Left Soft Key − **[Clear]**.
6. Use the Right Soft Key − **[Operators]** to add other operators.
7. Use the Directional Key ● to enter an operation between numbers and press OK **[=]** for the result.

NOTE To insert a decimal, press *. To insert + and -, press #.

- Press the Up Directional Key ● for + (addition).
- Press the Down Directional Key ● for - (subtraction).
- Press the Left Directional Key ● for ÷ (division).
- Press the Right Directional Key ● for x (multiplication).

3.3 Ez Tip Calculator

Allows you to quickly and easily calculate bill amounts using the bill total, tip % and number of people as variables.

1. Open the flip and press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Press 3 def **Tools**.
4. Press 3 def **Ez Tip Calculator**.
5. Enter the variable fields (**Bill**, **Tip (%)**, **Split**) and the corresponding calculation fields (**Tip ($)** and **Split**) appear automatically.
6. Press the Left Soft Key [Reset] for another calculation.

3.4 Calendar

Allows you to keep your agenda convenient and easy to access. Simply store your appointments and your phone will alert you with a reminder you set.

1. Open the flip and press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Press 3 def **Tools**.
4. Press 4 ghi **Calendar**.
5. Use the Directional Key to highlight the scheduled day.
6. Press the Left Soft Key [Add].
7. Enter the **Subject**, then scroll down to set the remaining settings.
8. Highlight a Calendar setting field, then press the Left Soft Key [Set]. For each Calendar event you can set:
   - Subject
   - Start Date
   - Start Time
   - End Date
   - End Time
   - Repeat
   - Until
   - Alerts
   - Tones
   - Vibrate
9. Use the Directional Key to highlight the setting you want, then press OK.
10. Press OK [SAVE] when Calendar information is complete.

Editing and deleting calendar entries

1. From the calendar entry list, press OK [VIEW].
2. Press OK [EDIT] to edit the calendar entry or press the Left Soft Key [Erase] to delete the calendar entry.

3.5 Alarm Clock

Allows you to set up to 10 alarms. At the alarm time, your alarm will be displayed on the screen and the alarm will sound.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 3 **Tools**.
4. Press 5 **Alarm Clock**.
5. Press the Left Soft Key [Add].
6. Use the Directional Key to highlight the information you want to set, then press the Left Soft Key [Set] to view your setting choices.
7. Enter the alarm information including:
   - Turn On/Off
   - Set Time
   - Repeat
   - Ringtone
8. Press OK [SAVE] after setting all of the Alarm fields as necessary.

NOTE Snooze or Dismiss the alarm using the Soft Keys (flip open).

How to delete alarms

1. From the Alarm Clock list, press the Right Soft Key [Options] to view the available options.
2. Press 2 **Erase** to delete an alarm or 3 **Erase All** to delete all alarm entries.
3. Press OK [Yes].

How to edit alarms

1. From the Alarm Clock list, press OK [VIEW] and then press OK [EDIT].

3.6 Info Search

Allows you to search items stored on the phone.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 3 **Tools**.
4. Press 6 **Info Search**.
5. Enter two or more characters in the search field and press OK [SEARCH].
6. By default, the phone will search all the categories. To specify the categories, highlight All and press the Left Soft Key [Set]. Use the Directional Key to highlight a category and press OK [MARK]/[UNMARK] to mark/unmark the category. After specifying the categories, press the Left Soft Key [Done].
7. To view a search result, highlight the desired results and press OK [VIEW]. If you want to retry the search, press the Right Soft Key [Retry]. If you want to

start a new search, press the Left Soft Key [Search], enter your key word, then press OK.

8. If no results are found, you will be prompted to try again. Choose **Yes** to try again or **No** to return to the Tools menu.

3.7 Stopwatch

Allows you to use your phone as a typical stopwatch.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 3 **Tools**.
4. Press 7 **Stopwatch**.
5. Press OK [START].
6. While measuring time, press the Left Soft Key [Lap] to record a lap.
7. Pressing OK [STOP] will stop or resume Stopwatch time.
8. After time has stopped, press the Right Soft Key [Reset].

3.8 World Clock

Allows you to determine the current time in another time zone or country.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 3 **Tools**.
4. Press 8 **World Clock**.
5. Press the Right Soft Key [Cities] for a list of available cities.
6. Highlight a city from the list, then press OK.
7. The display show zoom in on the city and view its date and time information.

NOTE Press the Left Soft Key [Set DST], to set daylight saving time. Select **Yes** and press OK to set DST.

3.9 Notepad

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

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 3 **Tools**.
4. Press 9 **Notepad**.
5. Press the Left Soft Key [Add] to write a new note.
6. Press the Left Soft Key to change the entry mode. Or press the Right Soft Key [Options] to copy and paste text or to cancel the notepad entry.

7. After entering the note, press OK [SAVE] to save it.

3.10 USB Mass Storage

Allows you to access content in the SD card.

1. Connect the phone to your computer.
2. Open the flip and press OK [MENU].
3. Press 9 **Settings & Tools**.
4. Press 3 **Tools**.
5. Select **USB Mass Storage**.
6. To cancel USB Mass Storage mode, press OK [EXIT].

NOTE You must have a microSD card inserted to use the Mass Storage feature.

4. Bluetooth® Menu

The phone is compatible with devices that support the Headset, Handsfree, Stereo, Phonebook Access, Object Push and File Transfer.*

You may create and store 20 pairings within the phone and connect to one device.

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 Your phone is based on the Bluetooth® specification, but it is not guaranteed to work with all devices enabled with Bluetooth® wireless technology.
Phone does not support ALL Bluetooth® OBEX Profiles.
* For vehicle/accessory compatibility go to www.verizonwireless.com/bluetoothchart

Turn On Bluetooth

Allows you to turn Bluetooth on or off and connect to other Bluetooth devices.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 4 **Bluetooth Menu**.
4. Press the Left Soft Key [Turn On].

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

4.1. Add New Device

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

For pairing with a new Bluetooth® device

1. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
2. Open the flip and press OK [MENU].
3. Press 9 **Settings & Tools**.
4. Press 4 **Bluetooth Menu**.
5. Press 1 **Add New Device**.
6. Set the desired device to discovery mode.
7. The device will appear in Add New Device menu once it has been located. Highlight the device and press OK [PAIR].
8. The handset will prompt you for the passcode. Consult the Bluetooth® accessory instructions for the appropriate passcode (typically "0000" - 4 zeroes). Enter the passcode and press OK. When Auto Pair Handsfree is set to On, the device will try to autopair for headsets.
9. When pairing with the PC or PDA is successful, highlight either **Always Ask** or **Always Connect** and press OK to connect with the device.
10. Once connected, you will see the device listed in the Bluetooth® Menu and when the pair is transferring information the Bluetooth® indicator will show up on your screen.

Icon Reference in Adding New Device

When the Bluetooth® wireless connection is created and paired devices are found, the following icons are displayed.

Icon References When a Bluetooth® Wireless Connection is Searched (neither connected nor paired)

	When a carkit device is found by your device
	When an audio device is found by your device
	When a PC is found by your device
	When a PDA is found by your device
	When another phone device is found by your device
	When other undefined devices are found by your device

The following options are available in the paired device.

1. **Remove Device**: You can remove the device from the pairing list.
2. **Rename Device**: You can rename the paired device.
3. **Incoming Security**: Allows you to set permission before connecting an incoming device.
4. **Service Discovery**: Allows you to search for the services that the selected device supports.
5. **Device Info**: Shows the device information.

NOTES While in the Bluetooth Menu, you can turn the Bluetooth functionality off by pressing the Left Soft Key [Turn Off]. You can turn it on by pressing the Left Soft Key [Turn On] again. When connected with a phone or PC supporting OPP, the following menus are possible:

- **Send Name Card:** Allows my contact data to send other device up to 1000 Contacts.
- **Get Name Card:** Allows you to pull name card of other device.
- **Exchange Name Card:** Allows you to exchange the handset's name card with other device.
- **Send Calendar Event:** Allows you to send Calendar events to other devices.
- **Send Picture:** Allows you to send pictures.
- **Send Video:** Allows you to send videos.

My Phone Info

Allows you to view and/or edit the name of the Bluetooth® device.

1. Open the flip and press [MENU].
2. Press 9 **Settings & Tools**.
3. Press 4 **Bluetooth Menu**.
4. Press the Right Soft Key [Options].
5. Press 1 **My Device Info**.
6. Press CLR to clear the existing name.
7. Use the keypad to enter a new custom name.
8. Press [SET] to save and exit.

Discovery Mode

Allows you to set whether your device is able to be discovered/found by other Bluetooth® devices in the area.

1. Open the flip and press [MENU].
2. Press 9 **Settings & Tools**.
3. Press 4 **Bluetooth Menu**.
4. Press the Right Soft Key [Options].
5. Press 2 **Discovery Mode**.

6. Use the Directional Key ◉ to highlight a setting, then press OK [SET].

   On/ Off

NOTE If you choose On for Discovery Mode, your device is able to be searched by other in-range Bluetooth® devices.

Supported Profiles

Allows you to see profiles that your phone can support.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 4 **Bluetooth Menu**.
4. Press the Right Soft Key [Options].
5. Press 3 **Supported Profiles**. Select an option to view a brief description.

5. Sounds Settings

Provides options to customize the phone's sounds.

5.1 Easy Set-up

Allows you to quickly set the main Sounds Settings for keypad volume, incoming calls and messages (text, multimedia, and voicemail).

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 1 **Easy Set-up**.
5. Read each setting description. Press the Right Soft Key [Skip] to go to the next menu item. Press the Left Soft Key [Play] to listen to the volume setting. Highlight the setting you want, then press OK [SET].

5.2 Call Sounds

Allows you to set how the phone alerts you for types of incoming calls.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 1 **Call Sounds**.

5.2.1 Call Ringtone

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 2 **Call Sounds**.
5. Press 1 **Call Ringtone**.

6. Use the Directional Key ● to highlight a ringtone then press OK [SET] to save the sound.

Shortcut To hear a ringtone before you set it, press the Left Soft Key [Play].

5.2.2 Call Vibrate

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 2 **Call Sounds**.
5. Press 2 **Call Vibrate**.
6. Use the Directional Key ● to highlight a setting, then press OK [SET].
   On/ Off

5.2.3 Caller ID Readout

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 2 **Call Sounds**.
5. Press 3 **Caller ID Readout**.
6. Use the Directional Key ● to highlight a setting, then press OK [SET].
   Ring Only/ Caller ID + Ring/ Name Repeat

5.3 Alert Sounds

Allows you to select the alert type sounds.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 3 **Alert Sounds**.
5. Select **TXT Message/ Multimedia Message/ Voicemail/ Emergency Tone/ Missed Call**
6. The Alert Sounds menu has these options:
   Tone/ Vibrate/ Reminder
   The exception for this is the Emergency Tone menu. This menu has these options:
   Alert/ Vibrate/ Off

5.4 Keypad Volume

Allows you to set the keypad volume.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 4 **Keypad Volume**.

5. Adjust the volume with the Directional Key ● and press OK [SET] to save the setting.

5.5 Digit Dial Readout

Allows you to set the phone to read out the digits entered in the dialing screen.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 5 **Digit Dial Readout**.
5. Use the Directional Key ● to highlight a setting, then press OK [SET].

   On/ Off

5.6 Service Alerts

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

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 6 **Service Alerts**.
5. Select an alert option.

   ERI Alerts you to the status of cellular service.
   ERI: Enhanced Roaming Indicator

   Minute Beep Alerts you 10 seconds before the end of every minute during a call.

   Call Connect Alerts you when the call is connected.

   Charge Complete Alerts you when the battery is completely charged.

   Software Update Alerts you of an Over-the-Air (OTA) software update to the device.

6. Use the Directional Key ● to highlight a setting, then press OK [SET].

   On/ Off

NOTE When highlighting On, you can play the alert option by pressing the Left Soft Key [Play].

5.7 Power On/Off

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

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 5 **Sounds Settings**.
4. Press 7 **Power On/Off**.
5. Highlight **Power On** or **Power Off** and press OK [SET].

6. Use the Directional Key to highlight a setting, then press [SET].

   On/ Off

5.8 Hearing Assist

Allows you to set the phone to automatically adapt to noisy environments by adjusting the listening level and improving speech intelligibility.

NOTE The Hearing Assist feature is automatically disabled when you use the speakerphone or the hands-free devices.

1. Open the flip and press [MENU].
2. Press **Settings & Tools**.
3. Press **Sounds Settings**.
4. Press **Hearing Assist**.
5. Use the Directional Key to highlight a setting, then press [SET].

   On/ Off

6. Display Settings

Provides options to customize the phone's display screen.

1. Open the flip and press [MENU].
2. Press **Settings & Tools**.
3. Press **Display Settings**.

6.1 Easy Set-up

Allows you quickly set the main Display Settings.

1. Open the flip and press [MENU].
2. Press **Settings & Tools**.
3. Press **Display Settings**.
4. Press **Easy Set-up**.

   Customize the following display settings:

- **PERSONAL BANNER**

  Enter the text to be displayed on your screen.

- **DISPLAY BACKLIGHT**

  Set the backlight duration for the display.

  7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

- **KEYPAD BACKLIGHT**

  Set Backlight duration for keypad.

  7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

- **WALLPAPER**

  Allows you to set the wallpaper for your phone.

- **DISPLAY THEMES**

  Select display theme.

Classic/ Modern/ Artistic

- MENU LAYOUT

  Select your main menu layout.

  Grid/ List/ Tab

- FONT SIZE

  When resizable is set, you can use the Volume Keys to adjust the font size.

  Dial Digits/ Menu & List/ Message

- CLOCK FORMAT

  Select the format of the clock.

  Analog/ Large Analog/ Digital 12/ Large Digital 12/ Digital 24/ Large Digital 24/ Dual City/ Off

5. Read each setting description, highlight the setting you want, then press OK [SET]. When finished, press the Right Soft Key [Done].

6.2 Banner

Allows you to enter a string of up to 18 characters which displays on the LCD screen.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 6 Display Settings.
4. Press 2 Banner.

6.2.1 Personal Banner

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 6 Display Settings.
4. Press 2 Banner.
5. Press 1 Personal Banner.
6. Enter your own banner text.

NOTE Use the Directional Key to select the color you want.

7. Press OK [SET] to save the setting.

6.2.2 ERI Banner

If you use ERI Service, ERI Text is shown on the sub banner.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 6 Display Settings.
4. Press 2 Banner.
5. Press 2 ERI Banner.
6. Use the Directional Key to highlight a setting, then press OK [SET].

   On/ Off

6.3 Backlight

Allows you to set the duration for illuminating the backlight for the main display, front display, and keypad. Each is set separately.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 6 Display Settings.
4. Press 3 Backlight.
5. Highlight a Backlight submenu and press OK [SET].
   - **Display Backlight**: 7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off
   - **Keypad Backlight**: 7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

6.4 Brightness

Allows you to set the backlight levels.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 6 Display Settings.
4. Press 4 Brightness.
5. Use the Directional Key to highlight a setting, then press OK [SET].

NOTE Brightness level can be 1 to 7.

6.5 Wallpaper

Allows you to choose the kind of background to be displayed on the phone's LCD in standby mode.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 6 Display Settings.
4. Press 5 Wallpaper.
5. Highlight a Wallpaper submenu and press OK.

   My Pictures/ Fun Animations/ Slide Show
6. Press OK [SET] to set.

6.6 Display Themes

Allows you to choose between the different themes for the phone's menus.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 6 Display Settings.
4. Press 6 Display Themes.
5. Use the Directional Key to highlight a setting, then press OK [SET].

   Classic/ Modern/ Artistic

NOTE Press the Left Soft Key [Preview] to preview the selected display theme. Default setting is Luna.

6.7 Main Menu Settings

Allows you to choose how the Main Menu displays for menu selection.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 6 **Display Settings**.
4. Press 7 **Main Menu Settings**.
5. Use the Directional Key to highlight a setting, then press OK.
   - **Menu Layout**
     Grid/ List/ Tab
   - **Replace Menu Items**
     Select the item you want to replace then press OK [EDIT]. Select in the list the item you want to replace it with, then press OK [SET].
   - **Position Menu Items**
     Select the item you want to move, then press OK [MOVE]. Move highlight to desired position by pressing the Directional Key, then press OK [SWAP].
   - **Reset Menu Settings**
     Menu Layout/ Menu Items/ Item Positions/ All

NOTE This User Guide gives navigation instructions according to the default "Grid" Main Menu Layout in the Display Settings menu. If other menus are set, navigating the phone's menus may be different.

NOTE Press the Left Soft Key [Preview] to preview the selected menu setting.

6.8 Font Type

Allows you to set the font type.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 6 **Display Settings**.
4. Press 8 **Font Type**.
5. Use the Directional Key to highlight a setting, then press OK [SET].

   VZW Font/ LG Script/ LG Secret

NOTE Press the Left Soft Key [Preview] to preview the selected font type.

6.9 Font Size

Allows you to set the font size for Dial Digits, Menu & List and Message. Plus, the Volume Key Resize setting allows you to use the side Volume Keys to instantly scale screen fonts. This setting is

helpful for those who need the text to display a little bit larger.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 6 **Display Settings**.
4. Press 9 **Font Size**.
5. Use the Directional Key to highlight **Dial Digits/ Menu & List/ Message.**
6. Use the Directional Key to highlight a setting, then press OK [SET].

   Dial Digits: Resizable/ Small/ Normal/ Large

   Menu & Lists: Resizable/ Small/ Normal/ Large

   Message: Resizable/ Small/ Normal/ Large

NOTE Press the Left Soft Key [Preview] to preview the selected font size.

6.10 Clock Format

Allows you to choose the kind of clock to be displayed on the front and main LCD screens.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 6 **Display Settings**.
4. Select **Clock Format**.
5. Use the Directional Key to highlight a setting, then press OK [SET].

   Analog/ Large Analog/ Digital 12/ Large Digital 12/ Digital 24/ Large Digital 24/ Dual City/ Off

NOTE Press the Left Soft Key [Preview] to preview the selected clock format.

6.11 Exalt Display

Allows you to choose the kind of sub LED screen to be displayed on the front screen.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 6 **Display Settings**.
4. Select **Exalt Display**.
5. Use the Directional Key to highlight a setting, then press OK [SET].

   Select **Show Clock + Notification** to show all notifications on the front display of your phone.

   Select **Show Clock Only** to show clock only on the front display of your phone.

7. Phone Settings

The Phone Settings menu allows you to designate specific settings to customize how you use your phone.

7.1 Airplane Mode

Turning on Airplane Mode will disable all wireless communications.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 7 Phone Settings.
4. Press 1 Airplane Mode.
5. Use the Directional Key to highlight a setting, then press OK [SET].

   On/ Off

7.2 Set Shortcut Keys

Allows you to set shortcuts to phone menus using the down, up, left and right Directional Keys.

7.2.1 Set My Shortcuts

NOTE To access these shortcuts, press the Right Directional Key from standby mode (by default) to display My Shortcuts.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 7 Phone Settings.
4. Press 2 Set Shortcut Keys
5. Press 1 Set My Shortcuts.
6. Use the Directional Key to highlight a shortcut key you want to set.

   Shortcut 1/ Shortcut 2/ Shortcut 3/ Shortcut 4

7. Press OK [SET] to display the available shortcuts. Use the Directional Key to highlight one, then press OK [SET].

7.2.2 Set Directional Keys

NOTE To access these shortcuts open the flip, then press the Directional Key in the direction (up, down, left) set from standby mode for the Shortcut you want to access.

1. Open the flip and press OK [MENU].
2. Press 9 Settings & Tools.
3. Press 7 Phone Settings.
4. Press 2 Set Shortcut Keys
5. Press 2 Set Directional Keys.
6. Use the Directional Key to highlight a shortcut key you want to set.

Up Directional Key/ Left Directional Key/ Down Directional Key

7. Press OK **[SET]** to display the available shortcuts. Use the Directional Key ● to highlight one, then press OK **[SET]**.

7.3 Voice Commands

Please refer to page 46 for details.

7.4 Language

Allows you to set the Multi-language (English, Spanish,Chinese, Korean) feature according to your preference.

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 7 **Phone Settings**.
4. Press 4 **Language**.
5. Use the Directional Key ● to highlight a setting, then press OK **[SET]**.

English/ Español/Simplified Chinese/ Korean.

7.5 Location

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

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 7 **Phone Settings**.
4. Press 5 **Location**.
5. Use the Directional Key ● to highlight a setting, then press OK **[SET]**.

Location On/ E911 Only

NOTES

- GPS satellite signals are not always received by the phone, especially under bad atmospheric and environmental conditions, indoors, etc.
- When a Location Setting Restriction is activated in the Security Menu, the lock code is required when you enter location menu. The lock code is the same 4 digits you use as your device lock code; initially the last 4 digits of your phone number.
- When in Airplane Mode, services supporting Location On functionality will be suspended.

7.6 Security

The Security menu allows you to secure the phone electronically.

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 7 **Phone Settings**.

4. Press 6 **Security.**
5. Enter the four-digit lock code.

   The lock code is the last 4 digits of your mobile phone number if it is set. The lock code is the last 4 digits of your MEID if your mobile phone number is not set.

7.6.1 Edit Codes

Allows you to enter a new four-digit lock code.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools.**
3. Press 7 **Phone Settings.**
4. Press 6 **Security.**
5. Enter the four-digit lock code.
6. Press 1 **Edit Codes.**
7. Select **Phone Only** or **Calls & Services.**
8. Enter your new four-digit lock code.
9. For confirmation, it will ask you to enter the new lock code again.

7.6.2 Restrictions

Allows you to set separate restrictions for Location Setting, Calls and Messages.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools.**
3. Press 7 **Phone Settings.**
4. Press 6 **Security.**
5. Enter the four-digit lock code.
6. Press 2 **Restrictions.**
7. Enter the four-digit service code.
8. Select a Restrictions menu then press OK.

   Location Setting/ Calls/ Messages

9. Use the Directional Key ● to highlight the restriction then press OK.

   Location Setting Lock Setting/ Unlock Setting

   Calls: Incoming Calls Allow All/ Contacts Only/ Block All

   Calls: Outgoing Calls Allow All/ Contacts Only/ Block All

   Messages: Incoming Messages Allow All/ Block All

   Messages: Outgoing Messages Allow All/ Block All

7.6.3 Phone Lock Setting

Keeps your phone from unauthorized use. Once the phone

is locked, it's 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 using Edit Codes submenu within the Security menu.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 7 **Phone Settings**.
4. Press 6 **Security**.
5. Enter the four-digit lock code.
6. Press 3 **Phone Lock Setting**.
7. Highlight an option and press OK [SET].

   Unlocked The phone remains unlocked, by default.

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

7.6.4 Lock Phone Now

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 7 **Phone Settings**.
4. Press 6 **Security**.
5. Enter the four-digit lock code.
6. Press 4 **Lock Phone Now**.

NOTE To unlock the phone from standby mode, press the Right Soft Key **Unlock** and enter the four-digit lock code.

7.6.5 Reset Default

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

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 7 **Phone Settings**.
4. Press 6 **Security**.
5. Enter the four-digit lock code.
6. Press 5 **Reset Default**.
7. Press OK after reading the warning message.
8. Highlight **Revert** and press OK.

   A confirmation message is displayed briefly before the phone resets itself.

7.6.6 Restore Phone

Allows you to erase all user data and Contact information you've entered in the phone's memory so it's as if it just left the factory.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 7 **Phone Settings**.
4. Press 6 **Security**.

5. Enter the four-digit lock code.
6. Press 5 **Restore Phone.**
7. Press OK after reading the warning message.
8. Enter the four-digit lock code.

7.7 System Select

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

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools.**
3. Press 7 **Phone Settings.**
4. Press 7 **System Select.**
5. Use the Directional Key to highlight a setting, then press OK [SET].

   Home Only/ Automatic A / Automatic B

7.8 NAM Select

Allows you to select the phone's NAM (Number Assignment Module) if the phone is registered with multiple service providers.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools.**
3. Press 7 **Phone Settings.**
4. Press 8 **NAM Select.**
5. Use the Directional Key to highlight a setting, then press OK [SET].

   NAM1/ NAM2

7.9 Data Roaming Access

Allows you to use data connections when you are roaming.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools.**
3. Press 7 **Phone Settings.**
4. Press 9 **Data Roaming Access.**
5. Use the Directional Key to highlight a setting, then press OK [SET].

   Deny data roaming access / Allow access only for this trip / Allow access for all trips

8. Call Settings

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

8.1 Answer Options

Allows you to determine how the phone will answer an incoming call.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 1 **Answer Options**.
5. Use the Directional Key to to select the setting(s) you want to use, then press OK [MARK].

   Flip Open/ Any Key/ Auto with Handsfree
6. Press the Left Soft Key [Done] when you have marked the setting(s) you want.

NOTE Auto with Handsfree is available when any external device is connected to your phone or speaker is set to on.

8.2 Call Forwarding

Allows an incoming call to be redirected to a mobile telephone or other telephone number.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 2 **Call Forwarding**.
5. Use the Directional Key to highlight either **Forward Call** or **Cancel Forwarding**, then press OK.
6. After selecting Forward Call, enter the number to forward to and press OK. To cancel forwarding, select **Cancel**.

8.3 Auto Retry

Allows you to set the length of time the phone waits before automatically redialing a number when the attempted call fails.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 3 **Auto Retry**.
5. Use the Directional Key to highlight a setting, then press [SET].

   Off/ Every 10 Seconds/ Every 30 Seconds/ Every 60 Seconds

8.4 TTY Mode

Allows you to attach a TTY 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. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 4 **TTY Mode**.
5. An explanation message is displayed.
6. Press OK to continue.
7. Use the Directional Key to highlight a setting, then press [SET].

   TTY Full: Users who cannot talk or hear send and receive a text message through TTY equipment.

   TTY + Talk: Users who can talk but cannot hear receive a text message and send voice through TTY equipment.

   TTY + Hear: Users who can hear but cannot talk send a text message and receive voice through TTY equipment.

   TTY Off: Users send and receive without TTY equipment.

Connecting TTY Equipment and a Terminal

1. Connect a TTY cable to TTY connection on the terminal (TTY connection location is the same as a headset jack).
2. Enter the phone menu and set the desired TTY mode.

TTY Mode (Tele Type writer)

Menu	User	Menu	Transmission/ Receiving Mode	When making communications with a non-TTY terminal
TTY Full	For hearing-/ verbally-impaired		Text message transmission, text message receiving	Operator required
TTY + Talk	For hearing-impaired	Able to talk	Voice transmission, text message receiving	Operator required
TTY + Hear	For verbally-impaired	Audible	Text message transmission, voice receiving	Operator required
TTY Off			Voice transmission, voice receiving	

3. After setting a TTY mode, check the LCD screen of the phone for the TTY icon.
4. Connect the TTY equipment to the power source and turn it on.
5. Make a phone connection to the desired number.
6. When connection is made, use the TTY equipment to type in and send a text message or send voice.
7. The voice or text message from the receiver end displays on the TTY equipment display.

8.5 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. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 5 **One Touch Dial**.
5. Use the Directional Key ● to highlight a setting, then press **[SET]**.

   On/ Off

8.6 Voice Privacy

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

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 6 **Voice Privacy**.
5. Use the Directional Key ● to highlight a setting, then press **[SET]**.

   On/ Off

8.7 DTMF Tones

Allows you to set the DTMF tone length.

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 7 **DTMF Tones**.
5. Use the Directional Key ● to highlight a setting, then press **[SET]**.

   Normal/ Long

8.8 Assisted Dialing

Supports easy dialing on international calls while traveling in non-U.S. roaming region. If set to On, Assisted Dialing is displayed in calling screen.

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 8 **Call Settings**.
4. Press 8 **Assisted Dialing**.
5. Use the Directional Key to highlight a setting, then press OK.

   On/ Off

6. Highlight **Reference Country** and press the Left Soft Key **[Set]** to select country.
7. Use the Directional Key to scroll to the desired country.
8. Press the Left Soft Key **[Details]** to edit and save the Country Code, IDD Prefix (International Direct Dial), NDD Prefix(National Direct Dial), Area/City Code and Length (Length of Phone Number), then press OK to set.
9. Press OK to set.

NOTE For example, if you make a call from China to U.S when assisted dialing option is on (Reference Country is set to 'U.S.A'), '+' code will be automatically replaced by the matched IDD prefix of China.

9. USB Mode

Allows you to set USB mode type.

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Press 9 **USB Mode**.
4. Use the Directional Key to select USB mode type, then press OK **[SET]**.

   Mass Storage/ Modem Mode/ Ask On Plug

10. Memory

Allows you to check your phone's internal memory. Shows the memory information saved in your phone.

1. Open the flip and press OK **[MENU]**.
2. Press 9 **Settings & Tools**.
3. Select **Memory**.
4. Use the Directional Key to select file storage type in the phone, then press OK to view the memory used.

10.1 Save Options

Allows you to select which memory (phone or memory card) to use to save your files.

1. Open the flip and press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Select **Memory**, then press 1 **Save Options**.
4. Choose **Pictures/ Videos/ Sounds/ Ringtones**.
5. Choose **Phone Memory/ Card Memory**.

10.2. Phone Memory

Shows the memory usage information for the phone and lists the files, by type.

1. Open the flip and press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Select **Memory**, then press 2 abc **Phone Memory**.
4. Choose **Memory Usage/ My Pictures/ My Videos/ My Ringtones/ My Music/ My Sounds/ My Contacts/ Move All To Card**.

10.3. Card Memory

Shows the memory usage information for the memory card and lists the files, by type.

1. Open the flip and press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Select **Memory**, then press 3 def **Card Memory**.
4. Choose **Memory Usage/ My Pictures/ My Videos/ My Ringtones/ My Music/ My Sounds/My Contacts/ Move All To Phone**.

11. Phone Info

Allows you to view the information specific to your phone and software.

1. Open the flip and press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.
3. Select **Phone Info**.

11.1 My Number

Allows you to view your phone number.

1. Open the flip and press OK [MENU].
2. Press 9 wxyz **Settings & Tools**.

3. Select **Phone Info**.
4. Press 1 **My Number**.

11.2 SW/HW Version

Allows you to view the versions of various applications such as SW, PRL, ERI, Browser, Media Center, AVR, EMS, MMS, Bluetooth®, OTADM Version, MSUI, HW Version, ESN, Warranty Date Code and Operating System.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Select **Phone Info**.
4. Press 2 **SW/HW Version**.

11.3 Icon Glossary

Allows you to view all the icons and their meanings.

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Select **Phone Info**.
4. Press 3 **Icon Glossary**.
5. Select a subcategory to view the icons.

11.4 Software Update

This feature gives your phone the ability to upgrade to the latest software and keeps your phone operating with the latest features without visiting a Verizon Wireless Communications Store for the upgrade. You can either be notified automatically that there is an updated version of software available for your phone, or you can manually check to see if there are any updates available for you to download.

Automatic Update

Your phone will receive a notification that there is an updated version of software available to be downloaded. You can press OK when notified that a download is available or it can happen automatically. Once the download is complete you may, depending on the nature of the update, have three options available: Accept the update, Defer the update, or Reject the update.

NOTE During the update you cannot make or receive phone calls, including 911 calls, or text messages.

Manual Update

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Select **Phone Info**.

4. Press 4 **Software Update**.

   The two options shown will be Status and Check New.

   Press 1 Status to see the status of a download or update and see information on the last successful update. If updates have not yet been performed, status information will be unavailable.

   Press 2 Check New to check if any new software updates are available to download. If a newer software version is available, it will automatically begin downloading after 30 seconds or you can begin the download immediately by pressing OK.

11.5 Front Display Patterns

Allows you to view patterns for notifications on the front display of your phone.

12. Set-up Wizard

1. Open the flip and press OK [MENU].
2. Press 9 **Settings & Tools**.
3. Select **Set-up Wizard**.
4. Use the Directional Key to scroll to a setting, then press OK [SET].

NOTE If you don't want to change the setting, press the Right Soft Key [Skip] to go to the next setting.

- **FONT SIZE**

  When you view menus and lists, you can adjust the font size using the Volume Keys.

- **CALL SOUNDS**

  Ring Only/ Vibrate Only/ Ring and Vibrate/ Be Silent

- **DISPLAY THEMES**

  Classic/ Modern/ Artistic

- **MENU LAYOUT**

  Grid/ List/ Tab

- **CLOCK FORMAT**

  Select the format of the clock.
  Analog/ Large Analog/ Digital 12/ Large Digital 12/ Digital 24/ Large Digital 24/ Dual City/ Off

5. Press the Right Soft Key [Done] to complete set-up.

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

⚠Warning Violation of the instructions may cause serious injury or death.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
Call (800) 243-0000 for more information.
Wash hands after handling.

- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.

- Never place your phone in a microwave oven as it will cause the battery to explode.

- Do not dispose of your battery by fire or with hazardous or flammable materials.

- When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is deployed, you may be seriously injured.

- Do not use the phone in areas where its use is prohibited. (For example: aircraft)

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

- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.

- Do not drop, strike, or shake your phone severely. It may harm the internal circuit boards of the phone.

- Do not use your phone in high explosive areas as the phone may generate sparks.

- Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.

- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

- Make sure that no sharp-edged items such as animal's teeth or nails, come into contact with the battery. This could cause a fire.
- Store the battery out of reach of children.

- Be careful that children do not swallow any parts (such as earphone, connection parts of the phone, etc.) This could cause asphyxiation or suffocation resulting in serious injury or death.

- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.

- Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

- An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.
- Your phone is an electronic device that generates heat during normal operation. Extremely prolonged, direct skin contact in the absence of adequate ventilation may result in discomfort or minor burns. Therefore, use care when handling your phone during or immediately after operation.
- Use and store your phone in temperatures between 0˚C/32˚F and 40˚C/104˚F, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.

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.

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

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

Bodily Contact During Operation

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

Caution

Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations.

Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local dealer for a replacement antenna.

Part 15.19 statement

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Consumer Information About Radio Frequency Emissions

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

Are wireless phones safe?

Scientific research on the subject of wireless phones and radio frequency ("RF") energy has been conducted worldwide for many years, and continues. In the United States, the Food and Drug Administration ("FDA") and the Federal Communications Commission ("FCC") set policies and procedures for wireless phones. The FDA issued a website publication on health issues related to cell phone usage where it states, "The scientific community at large … believes that the weight of scientific evidence does not show an association between exposure to radiofrequency (RF) from cell phones and adverse health outcomes. Still the scientific community does recommend conducting additional research to address gaps in knowledge. That research is being conducted around the world and FDA continues to monitor developments in this field. You can access the joint FDA/FCC website at http://www.fda.gov (under "c"in the subject index, select Cell Phones > Research). You can also contact the FDA toll-free at (888) 463-6332 or (888) INFO-FDA. In June 2000, the FDA entered into a cooperative research and development agreement through which additional scientific research is being conducted. The FCC issued its own website publication stating that "there is no scientific evidence that proves that wireless phone usage can lead to cancer or a variety of other problems, including headaches, dizziness or memory loss." This publication is available at http://www.fcc.gov/cgb/ cellular.html or through the FCC at (888) 225-5322 or (888) CALL-FCC.

What does "SAR" mean?

In 1996, the FCC, working with the FDA, the U.S. Environmental Protection Agency, and other agencies, established RF exposure safety guidelines for wireless phones in the United States. Before a wireless phone model is available for sale to the public, it must be tested by the manufacturer and certified to the FCC that it does not exceed limits established by the FCC. One of these limits is expressed as a Specific Absorption Rate, or "SAR." SAR is a measure of the rate of absorption of RF energy in the body. Tests for SAR are conducted with the phone transmitting at its highest power level in all tested frequency bands. Since 1996, the FCC has required that the SAR of handheld wireless phones not exceed 1.6 watts per kilogram, averaged over one gram of tissue.

Although the SAR is determined at the highest power level, the actual SAR value of a wireless phone while operating can be less than the reported SAR value. This is because the SAR value may vary from call to call, depending on factors such as proximity to a cell site, the proximity of the phone to the body while in use, and the use of hands-free devices. For more information about SARs, see the FCC's OET Bulletins 56 and 65 at http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins or visit the Cellular Telecommunications Industry Association website at http://www.ctia.org/consumer_info/index.cfm/AID/10371. You may also wish to contact the manufacturer of your phone.

Can I minimize my RF exposure?

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

that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit." Also, if you use your wireless phone while in a car, you can use a phone with an antenna on the outside of the vehicle. You should also read and follow your wireless phone manufacturer's instructions for the safe operation of your phone.

Do wireless phones pose any special risks to children?

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

Where can I get further information about RF emissions?

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

U.S. Food and Drug Administration

FDA Consumer magazine

November-December 2000

Telephone: (888) INFO-FDA

http://www.fda.gov (Under “c” in the subject index, select Cell Phones > Research.)

U.S. Federal Communications Commission

445 12th Street, S.W.

Washington, D.C. 20554

Telephone: (888) 225-5322

http://www.fcc.gov/oet/rfsafety

Independent Expert Group on Mobile Phones

http://www.iegmp.org.uk

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

283 Sparks Street

Ottawa, Ontario K1R 7X9

Canada

Telephone: (613) 991-6990

http://www.rsc.ca/index.php?page=Expert_Panels_RF&Lang_id=120

World Health Organization

Avenue Appia 20 1211 Geneva 27

Switzerland

Telephone: 011 41 22 791 21 11

http://www.who.int/mediacentre/factsheets/fs193/en/

International Commission on Non-Ionizing Radiation Protection

c/o Bundesamt fur Strahlenschutz

Ingolstaedter Landstr. 1

85764 Oberschleissheim

Germany

Telephone: 011 49 1888 333 2156

http://www.icnirp.de

American National Standards Institute

1819 L Street, N.W., 6th Floor
Washington, D.C. 20036

Telephone: (202) 293-8020

http://www.ansi.org

National Council on Radiation Protection and Measurements

7910 Woodmont Avenue, Suite 800

Bethesda, MD 20814-3095

Telephone: (301) 657-2652

http://www.ncrponline.org

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

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

Consumer Information on SAR

(Specific Absorption Rate)

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

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

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

as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 0.89 W/kg and when worn on the body, as described in this user guide, is 0.81 W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID ZNFVN210. 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 to find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

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

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

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 should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal

quality that's acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

When you're talking over the cell phone, it's recommended you'd turn the BT (Bluetooth) mode off for HAC.

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org/hearingaid/

FCC Hearing Aid Compatibility and Volume Control

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

Caution: Avoid potential hearing loss.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing. Individual susceptibility to noise-induced hearing loss and other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones. You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

TIA Safety Information

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

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and sends out Radio Frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

* American National Standards Institute; National Council

on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

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

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

Antenna Care

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:
Don't touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Electronic Devices

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

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6) inches from

their pacemaker when the phone is turned ON;

- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

Health Care Facilities

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

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

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

Aircraft

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

Blasting Areas

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

Potentially Explosive Atmosphere

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

Areas with a potentially explosive atmosphere are often, but not always marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

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

Safety Information

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

⚠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. Such conditions may present the risk of fire or explosion.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been approved and qualified with the system per IEEE-Std-1725-2006. Use of an unqualified and non-approved

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 approved and qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified and non-approved battery may present a risk of fire, explosion, leakage or other hazard.
  Only authorized service providers shall replace battery (If the battery is non-user replaceable).
- 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.
- At least, one of the Authentication methods may be implemented. (e.g. H/W, S/W, Mechanical, Hologram, etc.)
- Improper battery use may result in a fire, explosion or other hazard.

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.
- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.
- Use the correct adapter for your phone when using the battery pack charger abroad.

Battery Information and Care

- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.
- Please read the user guide of proper installation and removal of the battery.

- Please read the manual of specified charger about charging method.
- Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty. When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire. If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Recharge the battery after long periods of non-use to maximize battery life. Battery life will vary due to usage pattern and environmental conditions.
- Please use only an approved charging accessory to charge your LG phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.
- Charging temperature range is regulated between 32˚F (0˚C) and 104˚F (40˚C). Do not charge the battery out of recommended temperature range. Charging out of recommended range might cause the generating heat or serious damage of battery. And also, it might cause the deterioration of battery's characteristics and cycle life.
- Do not use or leave the battery under the blazing sun or in heated car by sunshine. The battery may generate heat, smoke or flame. And also, it might cause the deterioration of battery's characteristics or cycle life.
- The battery pack has protection circuit to avoid the danger. Do not use nearby the place where generates static electricity more than 100V which gives damage

to the protection circuit. If the protection circuit were broken, the battery would generate smoke, rupture or flame.

- When there is rust on the battery or if it gives off a bad or unusual odor the first time you use it, do not use the equipment and bring the battery to the shop where it was purchased.
- In case younger children use the battery, their parents should teach them how to use batteries according to the manual with care.
- If the skin or cloth is smeared with liquid from the battery, wash with fresh water. It may cause the skin inflammation. Remove and do not use the battery.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone and risk of overheating, fire or explosion may occur.
- Use the correct adapter for your phone when using the battery pack charger abroad.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire. 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.

- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers. Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

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 and may cause an explosion. 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 or contact with sharp objects including animal bites 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.

General Notice

- Using a damaged battery or placing a battery in your mouth or animal's mouth may cause serious injury including a fire or explosion.
- 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, liquid, or expose to high humidity. If this happens, turn it off immediately and remove the battery. Immediately, 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. (Ringtones, text messages, voice messages, and 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.
- There is risk of explosion if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions.

FDA Consumer Update

FDA 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 does not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

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

the user and the RF source will reduce RF exposure.

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

11. What about wireless phone interference with medical equipment?

Radio Frequency (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a “compatible” phone and a “compatible” hearing aid at the same time. This standard was approved by the IEEE in 2000.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

FDA web page on wireless phones (http://www.fda.gov/cellphones/)

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

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

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

National Radiological Protection Board (UK) (http://www.hpa.org.uk/radiation/)

Driving

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

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

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.

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.

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

Warranty Laws

The following laws govern warranties that arise in retail sales of consumer goods:

- The California Song-Beverly Consumer Warranty Act **[CC §§1790 et seq]**,
- The California Uniform Commercial Code, Division Two **[Com C §§2101 et seq]**, and
- The federal Magnuson-Moss Warranty Federal Trade Commission Improvement Act **[15 USC §§2301 et seq; 16 CFR Parts 701– 703]**. A typical Magnuson-Moss Act warranty is a written promise that the product is free of defects or a written promise to refund, repair, or replace defective goods. **[See 15 USC §2301(6).]** Remedies include damages for failing to honor a written warranty or service contract or for violating disclosure provisions. **[See 15 USC §2310(d).]** Except for some labeling and disclosure requirements, the federal Act does not preempt state law. **[See 15 USC §2311.]**

1. WHAT THIS WARRANTY COVERS:

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

(1) The limited warranty for the product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.

(2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.

(3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S., including Alaska, Hawaii, U.S. Territories and Canada.

(4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.

(5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.

(6) The customer shall bear the cost of shipping the product to the Customer Service Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

(1) Defects or damages resulting from use of the product in other than its normal and customary manner.

(2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.

(3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.

(4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.

(5) Products which have had the serial number removed or made illegible.

(6) This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of marketability or fitness for a particular use.

(7) Damage resulting from use of non LG approved accessories.

(8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

(9) Products operated outside published maximum ratings.

(10) Products used or obtained in a rental program.

(11) Consumables (such as fuses).

3. WHAT LG WILL DO:

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

4. STATE LAW RIGHTS:

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

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

5. HOW TO GET WARRANTY SERVICE:

If you experience any problems with either the Bluetooth headset or the mobile handset, in each case as may be covered by this

limited warranty, you need only return the affected device. For example, if a problem exists with the Bluetooth headset, please DO NOT return your mobile handset with the headset. Likewise, if a problem exists with the mobile handset, please DO NOT return the Bluetooth Headset with the handset.

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

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

Or visit http://us.lgservice.com. Correspondence may also be mailed to:

LG Electronics Service- Mobile Handsets, P.O. Box 240007, Huntsville, AL 35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS. Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.

PROCEDURE FOR RESOLVING DISPUTES:

ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to “LG” mean LG Electronics MobileComm U.S.A., Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to “dispute” or “claim” shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or

performance of the product or this Limited Warranty.

Agreement to Binding Arbitration and Class Action Waiver. You and LG agree to resolve any claims between us only by binding arbitration on an individual basis, unless you opt out as provided below. Any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person's or entity's product or claim. More specifically, without limitation of the foregoing, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be administered by the American Arbitration Association (AAA) and will be conducted before a single arbitrator under the AAA's Consumer Arbitration Rules that are in effect at the time the arbitration is initiated (referred to as the "AAA Rules") and under the procedures set forth in this section. The AAA Rules are available online at www.adr.org/consumer. Send a copy of your written demand for arbitration, as well as a copy of this provision, to the AAA in the manner described in the AAA Rules. You must also send a copy of your written demand to LG at LG Electronics, USA, Inc. Attn: Legal Department-Arbitration 1000 Sylvan Avenue Englewood Cliffs, NJ 07632. If there is a conflict between the AAA Rules and the rules set forth in this section, the rules set forth in this section will govern. This arbitration provision is governed by the Federal Arbitration Act. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law: The law of the state of your residence shall govern this Limited Warranty and any disputes between us except to the extent that such law is preempted by or inconsistent with applicable federal law.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees to the AAA unless you seek more than $25,000 in damages, in which case the payment of these fees will be governed by the AAA Rules. Except as otherwise provided for herein, LG will pay all AAA filing, administration and arbitrator fees for any arbitration initiated in accordance with the AAA Rules and this arbitration provision. If you prevail in the arbitration, LG will pay your reasonable attorneys' fees and expenses to the extent required by applicable law. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the standards set forth in Federal Rule of Civil Procedure 11 (b)), then the payment of all arbitration fees will be governed by the AAA Rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the AAA Rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for $25,000 or less, you may choose to have the arbitration conducted solely on the basis of (1) documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the AAA Rules. If your claim exceeds $25,000, the right to a hearing will be determined by the AAA Rules. Any in-person arbitration hearings will be held at a location within the federal judicial district in which you reside unless we both agree to another location or we agree to a telephonic arbitration.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice

to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either: (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out" or (ii) calling 1-800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable (the IMEI or MEID or Serial Number can be found (i) on the product box; (ii) on a label on the back of the product beneath the battery, if the battery is removable; or (iii) from the settings menu via the following path: **Settings** > **About phone** > **Status**). You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

Important Information

This user's guide provides important information on the use and operation of your phone. Please read this guide carefully prior to using the phone to be able to use your phone to its greatest advantage and to prevent any accidental damage or misuse. Any unapproved changes or modifications will void your warranty.

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that causes undesired operation.

Information to User

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

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Modifications not expressly approved by the manufacturer could void the user's authority to

operated the equipment under FCC rules.

Technical Details

The VN210 is an all digital phone that operates on both Code Division Multiple Access (CDMA) frequencies: Cellular services at 800 MHz and Personal Communication Services (PCS) at 1.9 GHz.

CDMA technology uses a feature called DSSS (Direct Sequence Spread Spectrum) that enables the phone to keep communication from being crossed and to use one frequency channel by multiple users in the same specific area.

This results in a 10-fold capacity increase when compared with analog mode. In addition, features such as soft / softer handoff, hard handoff, and dynamic RF power control technologies combine to reduce call interruptions.

The Cellular and PCS CDMA networks consist of MSO (Mobile Switching Office), BSC (Base Station Controller), BTS (Base Station Transmission System), and MS (Mobile Station).

* TSB -74: Protocol between an IS-95A system and ANSI J-STD-008

1xRTT system receives twice as many subscribers in the wireless

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps radio link protocol and inter-band operations IS-95 adapted for PCS frequency band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS-651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem operations Non-signaling data comm.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data

section as IS-95. Its battery life is twice as long as IS-95.

The table on the following page lists some major CDMA standards.

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.

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.

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

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

guidelines and these international standards.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.59 inches (1.5 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.59 inches (1.5 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 0.59 inches (1.5 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user / bystander and vehicle-mounted external antenna. For more information about RF exposure, visit the FCC website at www.fcc.gov.

Caution

Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations.

Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn.

Contact your local dealer for a replacement antenna.

Notice: Open Source Software
To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.
In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.
LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

CE0168

Terminology

EZ Tip Calculator

Feature for easy bill calculation using the total cost, tip, and number of people as variables.

Advanced Voice Recognition

Feature that allows you to perform a wide range of verbal commands by training the phone to recognize your individual speech patterns.

Bluetooth® wireless technology

Technology used to allow mobile phones, computers, and other personal devices to be easily coordinated and interconnected using a short-range wireless connection.

Media Center

Feature that accesses the Internet to provide the ability to access and even download a wide variety of software, information, and more right on your LG Verizon Wireless phone.

Acronyms and Abbreviations

DTMF

Dual-Tone Multi Frequency (or "touch-tone") is a method used to communicate keys pressed on the phone. Pressing a key generates two simultaneous tones, one for the row and one for the column to determine which key was pressed.

ERI

Enhanced Roaming Indicator is a feature to indicate whether a mobile phone is on its home system, a partner network, or a roaming network. Many phones indicate home vs. roaming as an icon, but ERI capable phones can clearly indicate third "partner network" status.

GPS

Global Positioning System is a system of satellites, computers, and receivers able to determine the latitude and longitude of a specific receiver on Earth. Position is calculated using time and distance.

IS 2000

Type of digital signaling. It's the second generation of CDMA digital cellular, an extension of IS-95. Differences between signaling types have to do with pilot signal and links to provide more traffic channels, and control protocols.

NAM

Number Assignment Module is how the phone stores the phone number and its electronic serial number.

SSL

Secure Sockets Layer Protocol used to encrypt data sent over the air.

TTY

Teletypewriter. An electromechanical typewriter that either transmits or receives messages coded in electrical signals. A phone with TTY support is able to translate typed characters to voice or translate voice into characters to display on the TTY.

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