User guide.

verizon

LG EXALT® LTE

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LG EXALT® LTE

User guide.

Guía del usuario.

verizon

LG EXALT® LTE

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Before using your phone

Included in the box with your phone are separate information leaflets. These leaflets provide you with important information regarding your new device. Please read all of the information provided. This information will help you to get the most out of your phone, reduce the risk of injury, avoid damage to your device, and make you aware of legal regulations regarding the use of this device.

It's important to review the Product Safety and Warranty Information guide before you begin using your new phone. Please follow all of the product safety and operating instructions and retain them for future reference. Observe all warnings to reduce the risk of injury, damage, and legal liabilities.

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Phone Overview

Open view

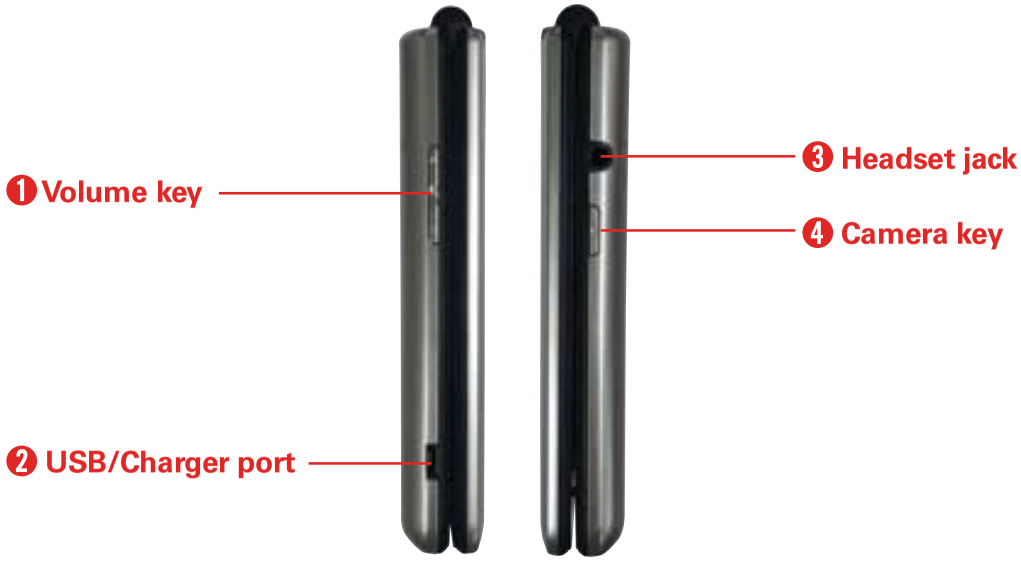
NOTES

- This device supports LTE, UMTS and GSM networks for voice calling. See device specifications for network compatibility.
- When the Home screen is displayed it's in standby mode (no menu is displayed and the phone isn't performing any action). The phone is waiting for input from you. It's the starting point for all of the instruction steps - whether you just opened the flip or pressed the **End/Power key** PWR END to return to the Home screen.

1. Home screen Displays messages, indicator icons and active functions.
2. Left soft key Allows you to select the command at the lower left area of the display screen (in the illustration above it would open the Contacts app).

3. Speakerphone key Allows you to enable or disable the speakerphone mode. (Speakerphone available only while on call).
4. Send key Allows you to make and answer calls. Press from standby mode to access your call history (All calls, Missed calls, Dialed calls and Received calls).
5. Clear 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.
6. Earpiece Lets you hear the caller and automated prompts.
7. OK key / Navigation key Use the **OK key** to select options and menus. Use the **Navigation key** to scroll through menu items and highlight a specific field or object, then press the **OK key** to select it.
8. Right soft key Allows you to select the command at the lower right area of the display screen (in the illustration on the previous page, it would open the Message+ app).
9. Voice commands key Press for quick access to Voice Commands from standby mode (the Home screen).
10. End/Power key Allows you to turn the power on/off and to end a call. Also exits menus and returns to standby mode (the Home screen).
11. Vibrate mode key Allows you to set Vibrate mode from standby mode (the Home screen), press and hold for about 3 seconds.
12. Microphone Allows you to transmit your voice to a caller or for voice-activated functions (e.g., Voice commands).

Side views



1. Volume key Allows you to adjust the volume.
2. USB/Charger port Connects the phone to the USB charger, or other compatible accessories.
3. Headset jack Allows you to plug in an optional 3.5mm headset for convenient, hands-free conversations, or other compatible listening devices.
4. Camera key Allows you to access camera mode. Press once the **Camera key** to take a picture and press and hold for recording a video.

Front and rear views

1. LED Indicates incoming calls, new notifications, charging status, etc.

   Use this table to learn what the light patterns on your phone mean.

Status	Description	LED Notification
Charging (the flip is closed)	When the phone is connected with a USB charger and the charger is plugged into an outlet	Turns on (LED turns off when battery is full).
Incoming call	During incoming call	Turns on until you receive a call.
Missed calls	Calls you did not answer	Blinks every 15 seconds until you check for missed calls or Notifications view.
New messages	When receiving a new message	Blinks every 2 seconds until you check for new messages or Notifications view.
Alarm	When the alarm is ringing or vibrating	Turns on until you select **Snooze** or **Dismiss**.
Calendar reminder	When the calendar reminder has started	Blinks once.
Email	When receiving a new mail	Blinks once.
Voice recording	While recording your voice with the flip closed	Blinks twice every second.
Bluetooth connected/ disconnected	When the phone is connected to or disconnected from a Bluetooth device	Blinks once.

2. Microphone Allows you to transmit your voice to a caller or for voice-activated functions (e.g., Voice commands).
3. Camera Allows you to take pictures. Keep it clean for optimal performance.
4. Speaker Allows you to hear sounds emitted from your phone as well as media content (e.g., music files).

Interior view

1. SIM card slot Allows you to insert your SIM card.
2. microSD card slot Allows you to insert an optional microSD card for external memory storage.
3. Back cover Protects the internal components of your phone.
4. Battery Provides energy to power your phone.
5. Antenna Allows your phone to communicate with the network to send and receive data via RF cell signal.

NOTES

- 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.

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.

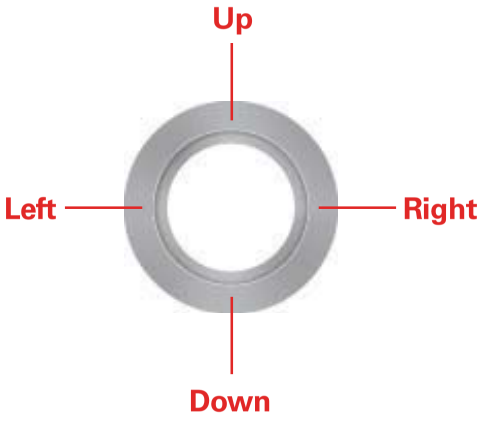
Navigating your phone

You can navigate within your phone's software by pressing the key that corresponds with the action you want to take or using the **Navigation key** to scroll and the **OK key** to select a highlighted item. For example:

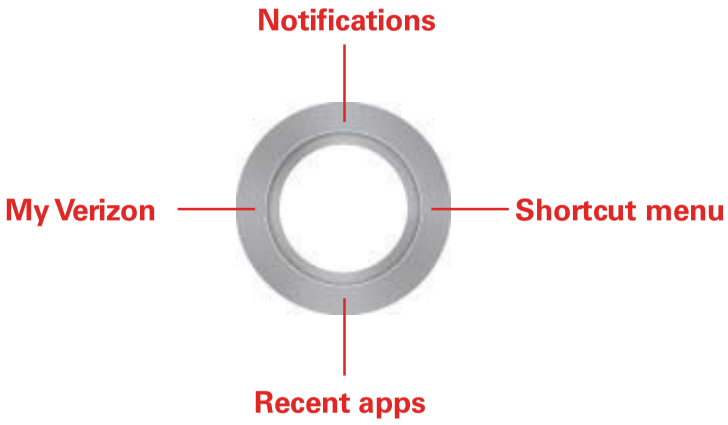
- Press the **Left soft key** to select the item displayed at the bottom left of the screen.
- Press the **Right soft key** to select the item displayed at the bottom right of the screen.
- Press the keypad key that corresponds to the item you want in a displayed list.
- Press the top, bottom or sides of the **Navigation key** to move the cursor, then press the center of the Navigation key (the **OK key**) to select the item displayed at the bottom center of the screen.

Navigation keys

- Navigate through your phone's software using your phone's 4-way directional Navigation key to scroll and select items. Its outer ring can be pressed up, down, left or right to move within the current screen to browse through menus and lists, then its center can be pressed to select the highlighted item.



- From the Home screen, pressing the **Navigation key** up, down, left or right launches corresponding application. **Shortcut menu** presents a secondary list of shortcuts that you can customize to include your favorite features. You can customize all of these shortcuts. For more information, see **Key shortcuts** on page 68.



Installing the battery

Step 1. Remove the back cover

With the phone facing down, insert your fingernail into the cutout located on the bottom of the back cover and gently lift the cover.

Step 2. Insert the battery

Insert the battery, making sure the gold contacts line up. Press down gently to secure.

Step 3. Replace the back cover

Place the back cover over the back of the phone and then press down along the edges to secure.

Step 4. Charge the phone

Before turning on your phone, charge it fully.

Insert the small end of the USB cable into the phone. Insert the larger end into the charger and plug the charger into an outlet.

WARNING! Use only approved chargers with your phone. Incompatible chargers or tampering with the charging port could damage your phone and void the warranty.

Removing the Battery and SIM Card

Removing the battery

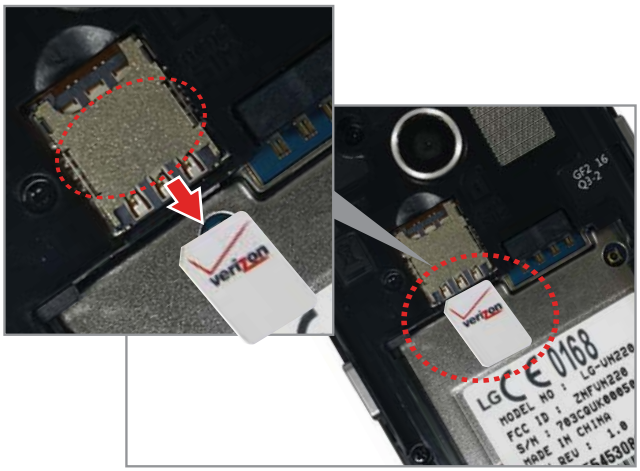
1. With the phone facing down, insert your fingernail into the cutout located on the bottom of the back cover and gently lift the cover.

2. Use the fingertip cutout at the bottom of the battery compartment to lift the battery out.

Removing the SIM card

The SIM card is pre-installed in your phone. If you need to replace your SIM card, refer to the following instructions.

1. Turn the phone off, then remove the back cover and the battery (as demonstrated in the previous instructions).
2. Locate the slot for the SIM card and gently slide the SIM card out to remove it.



Inserting and Removing a Memory Card

Inserting a microSD card

1. Remove the back cover (as demonstrated in the previous instructions).
2. Position the microSD card (sold separately) with the label side facing up and the gold contacts toward the slot (at the lower-left side of the phone), then carefully slide it into the slot until it's secured in place.

NOTES

- The microSD card can be easily damaged by improper operation. Please be careful when inserting, removing, or handling it.
- The device can support up to a 32GB microSD card.

To remove the microSD card

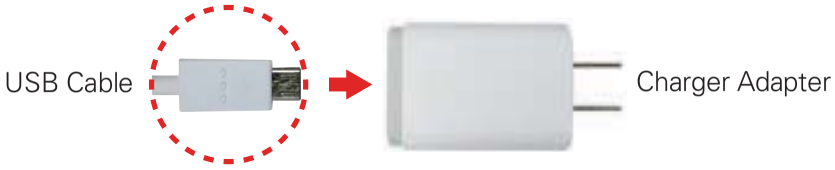
1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **6 key** **Phone settings**.
4. Press the **3 key** **Storage** > press the **Right soft key** **Options**.
5. Select **Eject SD card**.
6. Remove the back cover and locate the microSD card slot (as demonstrated in the previous instructions).
7. Carefully pull the microSD card out to remove it.

Charging Your Phone

Your phone comes with a USB cable and a charger adapter. You can connect them together and charge from a power outlet, or you can use the USB cable alone to charge from your computer. Correctly orient the plugs before insertion to avoid damaging your cable, adapter, and/or ports.

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

1. Correctly orient the USB cable with the charger adapter and connect them. Refer to the image below to correctly connect the USB cable and the adapter.



2. The USB/Charger port is located at the bottom of the phone. Correctly orient the cable's plug with the port before plugging it in.
3. Plug the charger adapter into a power outlet to begin charging.

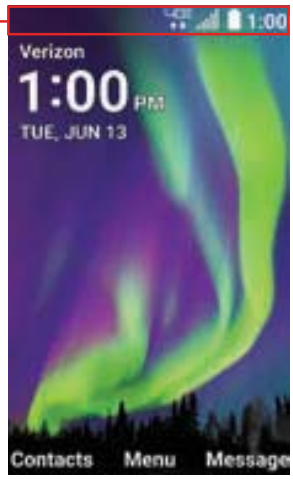
Turning your phone on and off

To turn your phone on or off, press and hold the **End/Power key**.

Home Screen

The Home screen is your starting point to access all of the features on your phone using simple key presses.

Status Bar
Shows phone status information, including the time, signal strength, battery status, and notification icons.



Customizing the Home screen

You can customize your Home screen wallpaper and clock format using the Settings app. From the Home screen, press the **OK key** **Menu**, press the **Hashtag key** **Settings**, then press the **5 key** **Display**.

- **Wallpaper**: Press the **3 key** **Wallpaper** to select a background image from pre-loaded images or your own pictures.
- **Clock Format**: Press the **8 key** **Clock** to set the clock format.

Phone's status icons

The Status Bar appears at the top of every screen. It displays icons indicating that you've received notifications (on the left) and icons indicating the phone's status (on the right), along with the current time.

Your phone's software includes an icon glossary for easy reference.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **8 key** **About phone** and then press the **5 key** **Help**.
4. Press the **1 key** **Icon glossary**.
5. Select an icon category.

The following icons may appear in the Status Bar.

Call icons

	In call		Missed call
	Microphone muted		Advanced Calling

Sound icons

	Silent mode		Vibrate mode
	Music playing		

Network icons

	4G LTE connected		4G LTE in use
	Wi-Fi connected		Signal strength
	No signal		Roaming
	Network extender		No SIM card
	Unknown SIM card		SIM card activating
	SIM card activated		Airplane mode
	GPS on		Downloading
	Uploading		Download successful
	Emergency Alert		

Connectivity icons

	Mobile Hotspot on		USB connected
	Bluetooth connected		Bluetooth on
	Bluetooth headset battery full		Bluetooth headset battery low
	Headset connected		Headset with microphone connected
	Internal storage full		

NOTE Bluetooth headset icons are compatible with Bluetooth headset device approved by LG.

Email and Messaging icons

	New email		New Verizon message
	New voicemail		Email not sent

Alarm and Calendar icons

	Alarm set		Upcoming events

Battery icons

	Full battery		Charging battery
	Low battery		Empty battery
	Not Charging		

Other icons

	More notifications		Screenshot saved

Call logs icons

	Incoming call		Outgoing call
	Missed call		Rejected call

Notifications

Notification icons report the arrival of new messages, calendar events, alarms, as well as ongoing events, such as when you're on a call.

When you receive a notification, the notification icon will be displayed in the Status Bar. You can open the Notifications view to view a list of all of your recent notifications. Depending on your settings, you may hear a notification sound, see a notification light, and/or the phone may vibrate.

To open the Notifications view

From the Home screen, press the **Up Navigation key** to open the Notification view. The Notifications view displays a list of your current notifications, organized into ongoing and event-based notifications.

NOTE The Notifications view can also be accessed from the Menu. Press the **8 key** **Notifications** .

To respond to a notification

Open the Notifications view. Your current notifications are listed in the view, each with a brief description.

- Press the **OK key** **Open** to view the details of a highlighted notification.
- Press the **Left soft key** **Dismiss** to delete a highlighted notification.
- Press the **Right soft key** **Options** to clear all notifications or access options for a highlighted notification.

Convenient Features

Vibrate mode

Sets the phone to vibrate instead of ringing.

From the Home screen, press and hold the **Vibrate mode key** #. To return to Normal mode, press and hold the **Vibrate mode key** # again.

Sounds off

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

From the Home screen, press and hold the **Volume down key** to set vibrate mode, then press the **Volume down key** once more. To return to normal sounds mode, press and hold the **Volume up key** until the desired volume level is reached.

Quick volume adjustment

Quickly adjust ringer and earpiece volumes by pressing the **Volume key** on the left side of the phone. Press the **Volume up key** to increase and the **Volume down key** to decrease the volume.

NOTE The earpiece volume can only be adjusted during a call. You can also disable keypad sounds through the Sound & Notifications Settings menu.

Capturing a Screenshot

Press and hold the **Volume down key** and the **End/Power key** PWR END at the same time for 2 seconds to capture a screenshot of the current screen.

To view the captured image, press the **OK key** **Menu**, then press the **4 key** 4 ghi **Gallery**.

Recent apps

Quickly reopen apps using the Recent apps screen. From the Home screen, press the **Down Navigation key** to open the Recent apps screen which lists all of the apps you've opened. From this screen, use the **Navigation key** to highlight an app.

- Press the **OK key** **Open** to reopen the app.

- Press the **Left soft key** – **Remove** to remove the app from the list.
- Press the **Right soft key** – **Options**, then press the **1 key** 1 **Clear all** to remove all apps from the list.

NOTE To use this feature, **Recent apps** needs to be designated as one of your shortcuts (the **Key shortcuts** setting in the Phone settings menu). Set it as the **Up**, **Down**, **Left or Right Navigation key** or designate it as one of the choices in your Shortcut 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, press the **Right Soft Key** – **Options**, select **New call** and then **Dialer** and 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 the **Right soft key** – **Options**, then press the **2 key** 2abc **Merge calls** to create a conference call.
4. To end both conversations completely, press the **End/Power key** PWR 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 Voice mail, etc.). From the Home screen, press the **Voice commands key** on the keypad.

- **Call** Say "Call" and then call someone simply by saying the name or phone number.

- **Send Message** Say "Send message" followed by the recipient's name or phone number and your phone will begin a new message.
- **Redial** Say "Redial" and the phone will redial the last phone number.
- **Open App** Say "Open" and then the name of the app you want to launch.
- **Play Music** Say "Play music" to listen to music on your phone.
- **Check** This allows you to check out a wide range of items such as **Status**, **Voicemail**, **Messages**, **Missed Calls**, **Time**, **Signal Strength**, **Network**, **Battery**, **Volume**, and **My Phone Number**.

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.

Entering text

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.

Next: Press to display other matching words in the database in T9 word mode.

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

Punctuation: Press to insert punctuation symbols when using Abc text input mode.

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 / Emojis / Copy / Paste / Simplified Chinese (拼音) / Korean (가) /T9 dictionary.

Recent Calls

The Recent Calls app 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. From the Home screen, press the **OK key** **Menu**, then press the **1 key** **Recent calls**.

   OR

   From the Home screen, press the **Send key** to view your call logs.

2. Use the **Navigation key** to scroll left/right to display your call records by call type:

   - **All calls**: All calls that you missed, received, and dialed.
   - **Missed calls**: Calls you did not answer.
   - **Dialed calls**: Outgoing calls.
   - **Received calls**: Answered calls and Rejected calls.

3. Calls display the date, time and contact or phone number. If the number is saved as a contact, the call record includes icons to indicate the type of number.

4. Use the **Navigation key** to highlight a call, then choose from these options:

   - Press the **Left soft key** **Message** to send a message.
   - Press the **OK key** **View** to view additional call details.
   - Press the **Right soft key** **Options** for these options:
     - **Add to Contacts**: Save the caller's phone number as a new contact.
     - **Delete recent call**: Delete the highlighted call record.
     - **Block/Unblock number**: Block or unblock calls from the highlighted phone number.
     - **Select calls**: Select the call records you want to delete.

Making calls using Call logs

1. From the Home screen, press the **OK key** **Menu**, then press the **1 key** **Recent calls**.

   OR

   From the Home screen, press **Send key** to view the call logs screen.

2. Find a call from **All calls**, **Missed calls**, **Dialed calls**, or **Received calls**.
3. Use the **Navigation key** to highlight a call record, and then press **Send key**.

Creating or updating Contacts using Call logs

1. From the Home screen, press the **OK key** **Menu**, then press the **1 key** **Recent calls**.

   OR

   From the Home screen, press the **Send key** to view your Call logs.

2. Use the **Navigation key** to find and highlight a call record (from **All calls**, **Missed calls**, **Dialed calls**, or **Received calls**), press the **Right soft key** **Options**, then press the **1 key** **Add to Contacts**.
3. Use the **Navigation key** to highlight **Create contact** or **Update contact**, then press the **OK key** **Select**.
4. Save the number to a contact entry, as necessary.

Deleting Recent calls records

1. From the Home screen, press the **OK key** **Menu**, then press the **1 key** **Recent calls**.

   OR

   From the Home screen, press the **Send key** to view your Call logs.

2. Use the **Navigation key** to find and highlight a call record (from **All calls**, **Missed calls**, **Dialed calls**, **Received calls**), press the **Right soft key** **Options**, then press the **2 key** **Delete recent call**.
3. At the **Delete this recent call?** prompt, press the **1 key** **Delete**.

Deleting all Recent calls records

1. From the Home screen, the **OK key** **Menu**, then press the **1 key** **Recent calls** .

   OR

   From the Home screen, press the **Send key** to view your Call logs.

2. Press the **Right soft key** **Options**, then press the **4 key** **Select calls**.
3. Press the **Right soft key** **Options**, then press the **1 key** **Select all**.
4. Press the **Left soft key** **Delete**.
5. At the **Delete the selected recent call?** prompt, press the **1 key** **Delete**.

Contacts

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

Adding a new contact

Allows you to add a new contact to your Contacts list.

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

1. From the Home screen,

   ▸ Press the **OK key** **Menu** and then press the **3 key** **Contacts**.

   OR

   ▸ Press the **Left soft key** **Contacts**.

2. Press the **Right soft key** **Options**.
3. Press the **1 key** **New contact**.
4. Enter the contact's name.
5. Press the **Right - Left Navigation key** to scroll to the phone number type field, then scroll horizontally to select the one you want.
6. Press the **Right - Left Navigation key** to scroll the phone number field, then enter the number.
7. Use the **Navigation key** to scroll to other fields and enter additional contact information as necessary, then press the **OK key** **Save** to save the entry.

Adding a new contact from Recent calls

1. From the Home screen, press the **Send key** to display your recent calls.
2. Use the **Navigation key** to highlight a recent call entry.
3. Press the **Right soft key** **Options**.
4. Press the **1 key** **Add to Contacts,** then press the **1 key** **Create contact**.

5. Enter the name and use the **Navigation key** to scroll and enter the contact's information as necessary.
6. When the entry is complete, press the **OK key** **Save** to save the entry.

Deleting a Contact

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight an entry.
3. Press the **Right soft key** **Options**.
4. Press the **2 key** **Delete.**
5. Press the **1 key** **Delete** confirm.

Editing a Contact

To make changes to an existing contact.

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight a Contact entry, then press the **OK key** **View**.
3. Press the **OK key** **Edit** to make changes.
4. Use the **Navigation key** to highlight the field you want to change.
5. Make the changes, then press the **OK key** **Save** to update your contact entry.

Contacts list

When you open the Contacts app, your Contacts list is displayed. In Case of Emergency contacts is displayed above your list of contacts. Add up to 5 emergency entries from your Contacts list. These are entries that someone can contact on your behalf in the event of an emergency, whether or not the phone is locked.

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to scroll through your Contacts alphabetically.

- Press the **Right soft key** **Options** to select one of the following: **New contact/ Delete/ Select contacts / Speed dial / Share/ Settings**
- Press the **Left soft key** **Message** to send a message.
- Press the **OK key** **View** to view the entry details.

Storing a number with pauses

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

- **Wait** (;) The phone dials the phone number, but does not advance to the next series of digits until the user releases the pause. When the prompt, **"Send the following tones?"** appears, use the **Navigation key** to highlight **Yes**, then press the **OK key** **Select**.
- **2-Sec Pause** (,) The phone waits two seconds before dialing the next series of digits.

1. From the Home screen, enter the phone number, then press the **Right soft key** **Options**.
2. Use the **Navigation key** to highlight **Add 2-sec pause** or **Add wait**, then press the **OK key** **Select**.
3. Enter the additional number(s) (e.g., pin number, credit card number, etc.).
4. When you're finished, press the **Right soft key** **Options**.
5. Press the **1 key** **Add to Contacts**.
6. Choose **Create contact** or **Update contact**.
7. Use the **Navigation key** to scroll and enter the contact's information as necessary.
8. When the entry is complete, press the **OK key** **Save** to save the entry.

Favorites

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

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight **Favorites** and then press the **OK key** **View**.
3. Press the **OK key** **Add**.
4. Use the **Navigation key** to scroll through your contacts alphabetically and press the **OK key** **Select** for each of the entries to add.
5. Press the **Left soft key** **Add**. Once you have added Contacts to your Favorites list, the following options will become available in the Favorites menu:
   OK key: View
   Left soft key: Message
   Right soft key: **Options** to access **Add favorites/ Remove/ Remove All**

Groups

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

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight **Groups**, then press the **OK key** **View**.
3. **View a Group**
   Use the **Navigation key** to highlight a group, then press the **OK key** **View**.

   Add a New Group
   Press the **Left soft key** **New** to add a new group to the list. Enter a name and press the **OK key** **Save**.

   Options when viewing a group
   Press the **Right soft key** **Options** to select one of the following: **Message/ Remove contacts/ Rename group/ Delete group.**

Adding contacts to a group

1. Open your Contacts list, select **Groups,** then use the **Navigation key** to highlight the group name.

   ▸ Press the **OK key** **View**, then press the **Left soft key** **Add**.

   OR

   ▸ Press the **Right soft key** **Options**, then press the **1 key** **Add contacts.**

2. Highlight the desired contact(s), then press the **OK key** **Select**.
3. Press the **Left soft key** **Add** to add the contact(s) to the group.

Speed Dials

Speed dials are 1- or 2-digit shortcuts you assign to specific contact entries to allow you to quickly call the contact.

Assigning a Speed dial

1. From the Home screen, press the **Left soft key** **Contacts**, use the **Navigation key** to highlight an entry, then press the **OK key** **View**.
2. Press the **OK key** **Edit**.
3. Use the **Navigation key** to highlight a phone number, then press the **Right soft key** **Options**.
4. Use the **Navigation key** to highlight **Set Speed Dial**, then press the **OK key** **Select**.
5. Set the Speed Dial digit using the **Navigation key** to highlight it, then press the **OK key** **Select**.
6. Press the **OK key** **Save** to update your contact entry.

Removing a Speed dial

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight a Contact entry, press the **Right soft key** **Options**.
3. Press the **4 key** **Speed dial** to open the Speed dial list.

4. Use the **Navigation key** to highlight a set Speed dial, then press the **Right soft key** **Options**.
5. Press the **1 key** **Move**.
6. Press the **2 key** **Remove**.
7. Press the **3 key** **Remove all**.

In Case of Emergency (ICE)

In Case of Emergency contacts is displayed above your list of contacts. Add up to 5 emergency entries from your Contacts list. These are entries that someone can contact on your behalf in the event of an emergency, whether or not the phone is locked.

Assigning emergency contacts

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight **In Case of Emergency,** then press the **OK key** **View**.
3. Use the **Navigation key** to highlight **Add contacts**, then press the **OK key** **View**.
4. Use the **Navigation key** to highlight each desired contact, then press the **OK key** **Select**.
5. Press the **Left soft key** **Add**.

To unassign an ICE contact

1. From the ICE Contacts screen, press the **Right soft key** **Options**, then press the **2 key** **Remove**.
2. Use the **Navigation key** to highlight the contact, then press the **OK key** **Select**.
3. Press the **Left soft key** **Remove,** then press the **1 key** **Remove**.

Entering your ICE emergency info

1. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight **In Case of Emergency**, then press the **OK key** **View**.

3. Use the **Navigation key** to highlight **Emergency info,** then press the **OK key** VIEW.
4. Press the **OK key** **Add.**
5. Enter information that would be helpful in an emergency (e.g., your medical record number), then press the **OK key** **Save**.

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. From the Home screen, press the **Left soft key** **Contacts**.
2. Use the **Navigation key** to highlight **My profile,** then press the **OK key** **Setup** to enter your personal Contact information.
3. Use the **Navigation key** to scroll to the information you want to enter.
4. Enter your information as necessary, then press the **OK key** **Save**

Message+

The Message+ app is preloaded on your phone which 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.

1. From the Home screen, press the **OK key** **Menu,** then press the **2 key** **Message+**.

   or

   From the Home screen, press the **Right soft key** **Message**.

2. View conversation threads and send messages.

   - Use the **Navigation key** to highlight a conversation thread, then press the **OK key** to view it.
   - Press the **Left soft key** **New message** to start a new message, enter the information required (recipient, text, content, etc.), then press the **Send key** SEND.
   - Press the **Right soft key** **Options** to select threads, access Message+ settings, and more.

Email

The following account types are supported: Microsoft Exchange, Outlook, Yahoo! Mail, AOL Mail, Verizon, and other accounts.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **6 key** **Email**.

Setting up your Email

After the initial setup, the Email app displays the contents of your Inbox. It's quick and simple to set up a POP3 or IMAP4 email account.

1. From the Home screen, press the **OK key** **Menu**, then press the **6 key** **Email**.
2. The first time you open the Email app, you need to setup an email account.
3. Enter the necessary information using the **Navigation key**, the keypad and the **OK key**.

Using your Email

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **6 key** **Email**.
   - Press the **Left soft key** **Compose** to compose a new message.
   - Use the **Navigation key** to scroll through your Inbox list.
   - Press the **OK key** **View** to open a highlighted message.
   - Press the **Right soft key** **Options** to access **Sync now**, **Delete**, **Search**, **Mark as read/unread**, **Move**, **Select emails**, **Sort by**, **Folders**, **Accounts**, and **Settings**.

Internet

The Internet app 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 Internet access through your phone, contact your service provider.

From the Home screen, press the **OK key** **Menu,** then press the **7 key** **Internet** .

- Press the **Left soft key** **Tabs** to view your open tabs and allow you to switch between them.
- Press the **OK key** **Go** to go to the web address.
- Press the **Clear key** to go back to the previous page in your browsing history.
- Press the **Right soft key** **Options** for these options:
  - **Refresh**: Reload the current web page.
  - **Search/enter address**: Enter keywords or a URL address to search the web.
  - **New tab**: Create a new tab.
  - **Home**: Go to your home URL.
  - **Bookmarks**: Quickly and easily access saved bookmarks or create a favorite bookmark page.
  - **Bookmark page**: Save the URL of the current page as a bookmark.
  - **History**: View recently-viewed pages.
  - **Forward**: Go to the next page in your browsing history.
  - **Zoom**: Adjust the zoom ratio of the page by pressing the **Left soft key** and **Right soft key** .
  - **Reset zoom**: Return to the original size of the page.
  - **Find on page**: Find text in the current web page.
  - **Request desktop site**: Select the mobile view or full view.

– **Share**: The current URL is copied allowing you to share it using Message+, Email or Bluetooth, or you can save it to your clipboard.

– **Downloads**: Access downloaded files stored in your internal storage or microSD card.

– **Settings**: Customize the Internet app settings to your preferences. Press the **4key** 4 ghi **Keypad shortcuts** from the Settings screen, you can see the shortcut description for each key.

Entering a URL

Manually enter a URL (web address) to go directly to the web page you want. Or, you can use the **Navigation key** to select one of the suggestions that appear as you begin to type.

1. From the Home screen, press the **OK key** **Menu,** then press the **7 key** 7 pqrs **Internet** .
2. Press the **Up Navigation key** to move the cursor to the URL Address field, and enter the web address.
3. Press the **OK key** **Go** to go to the web address.

Navigating through the Internet

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

Links embedded in content

You can act on options or links on a web page by moving the cursor over it, then pressing the **OK key** .

Scrolling

Use the **Navigation key** to scroll in any direction on the page.

NOTE When you press and hold the **OK key** on a web page, you can conveniently use the scroll page function to scroll.

Fast scrolling

Press and hold the **Navigation key** to quickly move the cursor up and down on the current screen.

Soft keys

Use the Soft keys (just below the display screen) to access special functions that apply to the current selection (when available). They may change depending on the page and/or selection.

Entering Text, Numbers, or Symbols

When prompted to enter text, you can enter the necessary characters from your phone's keypad using the text mode of your choice (abc, Abc, ABC, 123, or symbols).

- To enter an uppercase character, press the **Shift key** *.
- To insert a space or the hashtag symbol, press the **Hashtag key** #.

Deleting Text/Number Entered

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

Initiating a Phone Call From the Internet

You can make a phone call from the Internet if the site you're using supports the feature. Using the **Navigation key**, place the cursor over the phone number you want to call, press the **OK key** **Go** to go to the call screen, then press the **OK key** **Call** to make a call.

Changing between tabs

1. While viewing a web page, press the **Left soft key** **Tabs**.
2. Use the **Navigation key** to highlight an open tab (indicated by a blue border), then press the **OK key** **Select**.

Closing tabs

1. While viewing a web page, press the **Left soft key** **Tabs**.
2. Press the **Right soft key** **Options**.
   - Press the **1 key** 1 **Close tab** to close only the current tab.
   - Press the **2 key** 2abc **Close all tabs** to close all open tabs.

Camera

You can use the Camera app to take and share pictures and videos. Access Camera Options to switch between taking pictures and recording video. Options also allows you to change the settings.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **9 key** **Camera** .
   - Use the **Up** and **Down Navigation key** to zoom in and zoom back out.
   - Use the **Left** and **Right Navigation key** to adjust the brightness.
   - Press the **Right soft key** **Options** to access **Record video (Take photo)**, **Shutter sound**, **Timer**, **Resolution** and **Preview mode.**
   - Press the **Left soft key** **Gallery** to open the Gallery app.

SHORTCUT With the flip open, press the **Camera key** on the right side of the phone to open the Camera app.

Taking a photo

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **9 key** **Camera** .
3. Hold the phone and point the lens towards the subject of the photo.
4. Press the **OK key** **Take** to take a photo. Your picture will be automatically saved to the Gallery.

NOTE You can also press the **Camera key** on the right side of the phone to take a photo.

Recording a video

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **9 key** **Camera** .
3. Press the **Right soft key** **Options**, then press the **1 key** **Record video** to activate video mode.
4. Point the lens towards the subject of the video and press the **OK key** **REC** to start recording.
   - Press the **Left soft key** **Pause** to pause your video recording. Then, resume your recording by pressing the **Left soft key** **Resume**.
5. Press the **OK key** **Stop** to stop recording and your video will be automatically saved to the Gallery.

NOTE You can also press the **Camera key** on the right side of the phone to open the Camera app and it will also start recording your video.

Gallery

The Gallery app presents all of the pictures and videos stored in your phone, including those you've taken with the Camera app and those you downloaded from the web or other locations. When another app saves a picture, it automatically creates a download album in the File Manager app to contain the picture (e.g., capturing a screen shot creates the Screenshots album).

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **4 key** **Gallery**.
   - Use the **Navigation key** to highlight one of the thumbnail images, then press the **OK key** **View** to open the picture or video.
   - Press the **Right soft key** **Options** to access **Share**, **Delete**, **Select files**, **Edit**, **Set image as**, **Slideshow**, **Rename**, and **Details**.
   - Press the **Left soft key** **Camera** to access to the Camera app.

Sharing content

You can select one (or more) photos and/or videos to share. After selecting the file(s), select **Share** to open the available sharing options (such as Message+, Email, or Bluetooth), then complete as necessary.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **4 key** **Gallery**.
3. Use the **Navigation key** to highlight a desired photo or video.
4. Press the **Right soft key** **Options**, then press the **1 key** **Share**.
5. Use the **Navigation key** to select a sharing option.
6. Press the **OK key** **OK** then complete the sending method as necessary.

Assigning pictures

After taking a picture, assign it as a picture ID for a Contacts entry or as the background image (wallpaper) for your Home screen.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **4 key** **Gallery** .
3. Use the **Navigation key** to highlight a desired photo or video.
4. Press the **Right soft key** **Options**, then press the **5 key** **Set image as**.
5. Use the **Navigation key** to select **Contacts** or **Wallpaper**, press the **OK key** **OK**.
   - **Contacts** Assigns the picture to a Contact entry as a picture ID. Crop the image as necessary.
   - **Wallpaper** Assigns the picture as the background image. Crop the image as necessary.
6. Use the **Navigation key** to adjust the crop box, then press the **OK key** **Save**.

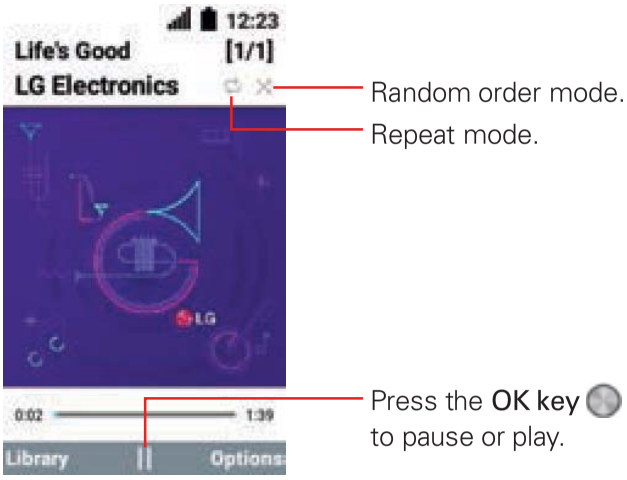
Music

Your phone has a music player that lets you play all of your favorite tracks.

Use the USB cable that came with your phone to transfer music files to your phone or download music files directly to your phone.

Playing a song

1. From the Home screen, press the **OK key** **Menu**, then press the **5 key** **Media center**.
2. Press the **1 key** **Music**.
3. Use the **Navigation key** to select a song in the Music library.
   - Scroll vertically through lists.
   - Scroll horizontally through categories.
4. Press the **OK key** **Select**, then press the **OK key** **Play** to play the song.



Music options

1. From the Home screen, press the **OK key** **Menu**, then press the **5 key** **Media center**.
2. Press the **1 key** **Music**.
3. Use the **Navigation key** to select a song in the Music library.
4. Press the **Right soft key** **Options** for these options:

- **Repeat**: Set the repeat mode (Off, One song, or All songs).
- **Shuffle On**: Set the shuffle mode (toggle it on or off).
- **Add to playlist**: Create or update playlists to organize your music files into sets of songs, which you can play in the order you set or in a shuffle.
- **Share**: Share the selected song using Message+ or Email. You can also transfer a selected song using Bluetooth.
- **Set as ringtone**: Set the selected song as your phone ringtone.
- **Delete**: Delete the selected song.
- **Details**: View information about the selected song.

Ringtones

Allows you to set the default ringtone for your phone.

1. From the Home screen, press the **OK key** **Menu**, then press the **5 key** **Media center** .
2. Press the **2 key** **Ringtones**.
3. Use the **Navigation key** to highlight a ringtone.
   - Press the **Left soft key** **Play** to play the ringtone.
   - Press the **OK key** **OK** to set it as your phone's default ringtone.
   - Press the **Right soft key** **Options** to add or delete a ringtone.

Notification sounds

Allows you to set the default notification sound for your phone.

1. From the Home screen, press the **OK key** **Menu**, then press the **5 key** **Media center** .
2. Press the **3 key** **Notification sounds**.
3. Use the **Navigation key** to highlight a notification sound.
   - Press the **Left soft key** **Play** to play the notification sound.
   - Press the **OK key** **OK** to set it as your phone's default notification sound.
   - Press the **Right soft key** **Options** to add or delete a sound.

My Verizon

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

1. From the Home screen, press the **OK key** **Menu**, then press the **Star key** **Verizon apps**.
2. Press the **1 key** **My Verizon**.
3. Sign in to your Verizon account.

Verizon Cloud

Verizon Cloud offers secure online storage to back up your contacts and sync them with your other Cloud-connected devices.

For more info, go to http://vzw.com/cloud

1. From the Home screen, press the **OK key** **Menu**, then press the **Star key** **Verizon apps**.
2. Press the **2 key** **Cloud**.
3. Your Verizon Cloud history is displayed.
   - Press the **Left soft key** **Back Up Now**.
   - Press the **Right soft key** **Turn Off**.

Voice Command

The Voice command app provides you with a variety of command options equipped with AVR (Advanced Voice Recognition) technology. Each command option has help information on the phone that you can check out by pressing the **Right soft key** **Options,** then pressing the **2 key** **Help**. Highlight a Voice command, then press the **OK key** **Select**.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **1 key** **Voice command**.
4. Say the voice command you want to use.

Using Voice command

SHORTCUT With the flip open, press the **Voice commands key** on the keypad.

You can set the language the Voice command feature uses. Access Voice command, press the **Right soft key** **Options,** then press the **1 key** **Select language**. Highlight a desired language, then press the **OK key** **Select**.

Using the Call command

Say "Call" and then call someone simply by saying the contact name or phone number. Speak clearly and say the name exactly as it is entered in your Contacts list. When an entry has more than one contact number, you can state the name and number type of the contact (for example, 'Call John Work').

Sending a message with Voice command

Say "Send message" and you'll be prompted for the contact name or a phone number. If you say a full-sentence command, such as 'Send Message to Bob', it will automatically start a text message with Bob as the recipient. Speak clearly and say the name exactly as it is entered in your Contacts list.

Redial

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

Open App

Say "Open" and the app you want use to automatically launch applications.

Play Music

Say "Play music" and the phone will automatically begin playing the last selected music file.

Check <Item>

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

Voice Recorder

The Voice recorder app records audible files. Use them to simply remind you about something you don't want to forget (like a grocery list) or record sound effects that you can attach to a message.

SHORTCUT With the flip open, press and hold **Voice commands key** on the keypad to open the Voice recorder app.

Record a voice memo

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **2 key** **Voice recorder**.
4. Press the **OK key** **Record** to start recording, then speak into the microphone.
   - Press the **Left soft key** **Pause (Resume)** to pause or resume your recording.
5. When you're finished, press the **OK key** **Stop**. The recording is automatically saved to your recordings list.

Play a voice memo

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **2 key** **Voice recorder**.
4. Press the **Left soft key** **List**.
5. Use the **Navigation key** to highlight a recording, press the **OK key** **Play**, then use the following options while listening to a voice memo.
   - Press the **Left soft key** **Pause (Resume)** to pause or resume the recording.
   - Press the **OK key** **Stop** to end the playback and return to your recordings list.

Managing your voice memos

From your recordings list you can delete, share, rename and view the details of a recording. You can also select multiple recordings to delete or share at the same time.

Single file

1. From the Recordings list, use the **Navigation key** to highlight a file.
2. Press the **Right soft key** **Options**.
   - Press the **1 key** **Delete** to delete the file.
   - Press the **2 key** **Share** to share the file.
   - Press the **3 key** **Rename** to rename the file.
   - Press the **5 key** **Details** to view the file information.
3. Follow the prompts for the selected option as necessary.

Multiple files

1. From the Recordings list, press **Right soft key** **Options**, then press the **4 key** **Select recordings**.
2. Use the **Navigation key** to highlight a file, then press the **OK key** **Select** to select each file of your choice.

3. Press the **Right soft key** **Options**.
   - Press the **1 key** **Delete** to delete the files.
   - Press the **2 key** **Share** to share the files.
   - Press the **3 key** **Select all** to select all files.
   - Press the **4 key** **Deselect all** to deselect all files.
4. Follow the prompts for the selected option as necessary.

Calendar

The Calendar app 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. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **3 key** **Calendar**.
4. Use the **Navigation key** to highlight the scheduled day.
5. Press the **Left soft key** **New**.
6. Enter the **Event name**, then scroll down to set the remaining settings.
7. Highlight a Calendar setting field, then press the **Left soft key** **Set**. For each Calendar event you can set:
   - Event name
   - All day checkbox
   - Time zone
   - Reminders
   - Description
   - Location
   - Date and time
   - Repeat / Repeat ends
   - Reminder sound
8. Use the **Navigation key** to highlight the setting you want, then press the **OK key** **Save** when the Calendar entry is complete.

Editing, deleting and sharing calendar entries

1. Open the Calendar app, use the **Navigation key** to select the day you want to view, then press the **OK key** **View**.
2. Press the **OK key** **View** again (if the day has multiple events, select the entry first).
   - Press the **Left soft key** **Edit** to edit the calendar entry.
   - Press the **Right soft key** **Options**, then press the **1 key** **Delete** to delete the calendar entry or press the **2 key** **Share** to share it.

Alarm

The Alarm app allows your phone to function as an alarm clock. At the alarm time, your alarm will be displayed on the screen and the alarm will sound. To stop the alarm sound, open the flip, then press the **OK key** **Dismiss** or the **Left soft key** **Snooze**.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **4 key** **Alarm**.
4. Press the **OK key** **Add** to add an alarm for the first time.
5. Use the **Navigation key** to highlight the information you want to set, then press the **Left soft key** **Set** to view your setting choices.
6. Enter the alarm information including:
   - Turn On/Off
   - Set Time
   - Repeat
   - Snooze
   - Type
   - Alarm tone
   - Volume
7. Press the **OK key** **Save** after setting all of the Alarm fields as necessary.

How to delete alarms

1. From the Alarm clock list, press the **Right soft key** **Options**.
2. Press the **2 key** **Delete** to delete the highlighted alarm or press the **3 key** **Delete all** to delete all alarm entries.
3. At the "**Delete this alarm?**" or "**Delete all alarms?**" prompt, press the **1 key** **Delete**.

How to edit alarms

1. From the Alarm clock list, use the **Navigation key** to highlight the alarm you want to edit.
2. Press the **OK key** **Edit** and make your changes as necessary.

World Clock

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

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **5 key** **World clock**.
4. Press the **Left soft key** **Add** or press the **OK key** to add.
5. Enter a city or state in the search bar, then use the **Navigation key** to highlight the city or state you want to add.
6. Press the **OK key** **Select**.

Timer

The Timer app alerts you with an audible signal when a set amount of time has passed.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **6 key** **Timer**.
4. Press the **Left soft key** **Set**, use the **Navigation key** to enter the amount of time you want set, then press the **OK key** **OK**.

NOTE You can quickly add additional timer minutes one at a time by pressing the **Right soft key** **+1 Min**.

5. Press the **OK key** **Start** to start the timer.

Stopwatch

The Stopwatch app allows you to use your phone as a typical stopwatch.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **7 key** **Stopwatch**.
4. Press the **OK key** **Start** to initiate the stopwatch.
   - Press the **OK key** **Lap** to record lap times.
5. Press the **Left soft key** **Pause** to stop timing.
6. After time has stopped, press the **Right soft key** **Reset**.

Calculator

The Calculator app allows you to perform simple mathematical calculations.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **8 key** **Calculator**.

4. Enter the numbers to get the value you want. To clear entered items, press the **Left soft key** **Clear**.
5. Use the **Right soft key** **Operator** to add other operators.
6. Use the **Navigation key** to enter an operation between numbers and press the **OK key** = for the result.

NOTE To insert a decimal, press the **Star key**. To insert + and -, press the **Hashtag key**.

- Press the **Up Navigation key** for + (addition).
- Press the **Down Navigation key** for — (subtraction).
- Press the **Right Navigation key** for ÷ (division).
- Press the **Left Navigation key** for × (multiplication).

Notepad

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

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **9 key** **Notepad**.
   - Press the **Left soft key** **New** or **OK key** to write a new note, then press the **OK key** **Save** when you're finished.
   - Use the **Navigation key** to highlight an existing note, press the **OK key** **View**, then press the **OK key** **Edit**.
   - Press the **Right soft key** **Options** to access **Edit, Delete, Share, Select notes** and **Details**.

File Manager

Use the File manager app to easily view and manage your folders and files stored in your phone. When you open File manager, all of your phone's internal storage file folders are displayed.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **0 key** **Tools**.
3. Press the **0 key** **File manager**.
   - Use the **Navigation key** to select content within a folder, then press the **OK key** **Open** to open it. Repeat until you access the content you're looking for.
   - Press the **Clear key** to back out one level at a time.
4. Use the **Navigation key** to select a folder, then press the **OK key** **Open** to open the folder and view its contents.
5. Press the **Right soft key** **Options** to access **Sort by**, **View as grid/list**, **New folder**, **Select files**, **Copy**, **Move**, **Delete**, **Rename**, **Search**, and **Details**.

My Verizon

The My Verizon menu allows you to check your subscription information ranging from your payment plan to your software upgrade or other available services.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **1 key** **My Verizon**.
4. Sign in to your account.

Wireless & networks

The Wireless & networks menu allows you to configure and manage your device's wireless radio communications.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **2 key** **Wireless & networks**.

Airplane mode

1. From the Wireless & networks menu screen, press the **1 key** **Airplane mode**.
2. Use the **Navigation key** to highlight On or Off, then press the **OK key** **OK**.
3. Press the **Clear key** to exit.

Wi-Fi

1. From the Wireless & networks menu screen, press the **2 key** **Wi-Fi**.
2. Use the **Navigation key** to highlight a Wi-Fi network, then press the **OK key** **Connect** to connect to it.

NOTE Press the **Left soft key** **Turn off** to turn off Wi-Fi.

3. Press the **Right soft key** **Options** to access the following Options to manage your Wi-Fi connections.

- Press the **1 key** **Search** Searches for nearby Wi-Fi networks.
- Press the **2 key** **Add Wi-Fi** Allows you to manually add a Wi-Fi network by entering its name (SSID), security, and password.
- Press the **3 key** **Saved Wi-Fi** Displays your saved Wi-Fi networks allowing you to manage them. This menu will be shown when a Wi-Fi network is added via using **2 key** **Add Wi-Fi** menu.
- Press the **4 key** **Advanced Wi-Fi** Provides additional specific Wi-Fi connection settings:
  - Press the **1 key** **Wi-Fi notification** Enable this option to be notified if Wi-Fi networks are available nearby.
  - Press the **2 key** **Show Wi-Fi pop-up** Enable this option to display a Wi-Fi pop-up message when opening apps.
  - Press the **3 key** **Keep Wi-Fi on during sleep** Allows you to set the Wi-Fi status when the screen is off.
  - Press the **4 key** **Avoid bad Wi-Fi connections** Enable this option to use the mobile network when the connected Wi-Fi network doesn't have a signal.
  - Press the **5 key** **Connect by WPS button** Provides information to connect to a secured Wi-Fi network with a WPS button.
  - Press the **6 key** **Connect by WPS PIN** Provides the WPS PIN to connect to a secured Wi-Fi network.
  - Press the **7 key** **Install certificates** Allows you to install certificates from storage.

Bluetooth

1. From the Wireless & networks menu screen, press the **3 key** **Bluetooth**
2. Press the **Left soft key** **Turn on** to pair and connect with other Bluetooth devices. All Bluetooth devices that are within your phone's range will be listed. Use the **Navigation key** to highlight a device to pair and connect.

3. Press the **Right soft key** **Options** to access the following options:
   - Press the **1 key** **Search** Searches for nearby Bluetooth devices.
   - Press the **2 key** **Rename phone** Allows you to change your phone name for easy identification when pairing and connecting.
   - Press the **3 key** **Received files** Displays a list of the files received via a Bluetooth device.
   - Press the **4 key** **Help** Displays Bluetooth help information.

Tethering & Mobile HotSpot

1. From the Wireless & networks menu screen, press the **4 key** **Tethering & Mobile HotSpot**.
2. Select the tethering method you want to use.
   - Press the **1 key** **USB tethering** Enable this option to allow you to connect via USB. This option is gray when not connected via USB.
   - Press the **2 key** **Bluetooth tethering** Enable this option to share the phone's Internet connection with other Bluetooth devices.
   - Press the **3 key** **Mobile Hotspot** Allows you to use your device as a mobile hotspot for other devices to use your mobile network connection. From the Moblile Hotspot screen:
     - Press the **Left soft key** **Turn on** to activate your Mobile Hotspot.
     - Press the **Right soft key** **Options** to manage its settings.
       - Press the **1 key** **Set up Mobile Hotspot** Allows you to enter the SSID and security information for your mobile hotspot.
       - Press the **2 key** **Timeout** Allows you to set when to turn off your hotspot.
       - Press the **3 key** **Help** Displays information about using mobile hotspot.

VPN

1. From the Wireless & networks menu screen, press the **5 key** 5 jkl **VPN** to set up a Virtual Private Network.
2. Press the **Left soft key** – **Add** to create a new VPN.
   - Press the **Right soft key** – **Options** to access **Edit**, **Delete**, **Always-on VPN** or **Help**.
3. Press the **OK key** to connect.
   - Enter the ID and password, then press the **OK key** to save.

Cellular networks

1. From the Wireless & networks menu screen, press the **6 key** 6 mno **Cellular networks** to set various network settings.
2. Select an available network setting and set it to your preferences.
   - Press the **1 key** 1 **Mobile data** Enable this option to allow data access over the mobile network.
   - Press the **2 key** 2 abc **Data usage** Allows you to manage your mobile data usage (e.g., disconnect from the mobile network to stop using mobile data and exclusively use a Wi-Fi network connection for data instead).
     Its options include **Data usage** (viewed on a graph), **Limit data usage, Data usage alert** and **Monthly usage cycle**.
   - Press the **3 key** 3 def **Data roaming access** Enable this option to allow data roaming.
   - Press the **4 key** 4 ghi **Network operators** Allows you to search for networks as well as set automatic network selection.
   - Press the **5 key** 5 jkl **Network type and strength** Displays the current network type and the signal strength.
   - Press the **6 key** 6 mno **Access Point Names** Allows you to set up APNs for data service.
   - Press the **7 key** 7 pqrs **Roaming state** Displays your current roaming state.

Emergency alerts

1. From the Wireless & networks menu screen, press the **7 key** 7pqrs **Emergency alerts** to view emergency alerts and customize your emergency alerts settings.
2. Press the **Right soft key** – **Settings** to view and change its settings.

Accessibility

The Accessibility menu provides settings to make your phone easier for you to use based on your personal capabilities and/or limitations.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **3 key** 3def **Accessibility**.

Readout

1. From the Accessibility menu screen, press the **1 key** 1 **Readout**.
2. Select a Readout setting and set it to your preference(s) using the **Navigation key** to highlight your choice, then press the **OK key** **OK**.
   - Press the **1 key** 1 **Readout**.
   - Press the **2 key** 2abc **Readout shortcut**.
   - Press the **3 key** 3def **Readout settings**.

Larger text

1. From the Accessibility menu screen, press the **2 key** 2abc **Larger text**.
2. Use the **Navigation key** to select On or Off, then press the **OK key** **OK**.

Color inversion

1. From the Accessibility menu screen, press the **3 key** 3def **Color inversion** to allow you to invert the screen colors for higher contrast.
2. Use the **Navigation key** to select On or Off, then press the **OK key** **OK**.

Color correction

1. From the Accessibility menu screen, press the **4 key** 4 ghi **Color correction** to allow you to adjust the screen's hue and contrast.
2. Use the **Navigation key** to select from **Off, Protanomaly (red-green)**, **Deuteranomaly (red-green)**, or **Tritanomaly (blue-yellow)**, then press the **OK key** **OK** to apply the setting to your phone.

Captions

1. From the Accessibility menu screen, press the **5 key** 5 jkl **Captions**.
2. Press the **Left soft key** **Turn on**.
3. Select a captions setting and set it to your preferences. Use the **Navigation key** to highlight your choice, then press the **OK key** **OK** to apply it to your phone.
   - Press the **1 key** 1 **Language**.
   - Press the **2 key** 2 abc **Text size**.
   - Press the **3 key** 3 def **Caption style**.

Mono audio

1. From the Accessibility menu screen, press the **6 key** 6 mno **Mono audio** to allow you to set the phone to play the same sounds through both earpieces of a connected device so you can hear everything with just one ear.
2. Use the **Navigation key** to select On or Off, then press the **OK key** **OK**.

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. From the Accessibility menu screen, press the **7 key** 7pqrs **TTY mode**.
2. Use the **Navigation key** to highlight a TTY mode, then press the **OK key** **OK** to select it:
   - **TTY Off**: Users send and receive without TTY equipment.
   - **TTY Full**: Users who cannot talk or hear send and receive a text message through TTY equipment.
   - **TTY HCO**: Users who can hear but cannot talk send a text message and receive voice through TTY equipment.
   - **TTY VCO**: Users who can talk but cannot hear receive a text message and send voice through TTY equipment.

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

Connecting TTY Equipment and a Terminal

1. Connect a TTY cable to the TTY connection on the phone (TTY connection location is the same as a headset jack).
2. Access the phone's Settings menu and set the desired TTY mode.
3. After setting a TTY mode, check the 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 will appear on the TTY equipment display.

Hearing aid

1. From the Accessibility menu screen, press the **8 key** 8 tuv **Hearing aid**.
2. Use the **Navigation key** to select On or Off, then press the **OK key** **OK**.

Sound & notifications

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **4 key** **Sound & notifications**.

Volume

1. From the Sound & notifications menu screen, press the **1 key** **Volume**.
2. Select a Volume setting and set the level to your preference using the **Navigation key**, then press the **OK key** **OK**.
   - Press the **1 key** **Alert sounds**.
   - Press the **2 key** **Media**.

Sound with vibration

1. From the Sound & notifications menu screen, press the **2 key** **Sound with vibration**.
2. Use the **Navigation key** to select On or Off, then press the **OK key** **OK** to select it.
3. Press the **Clear key** to exit.

Ringtones

1. From the Sound & notifications menu screen, press the **3 key** **Ringtone** to set the ringtone for calls.
2. Use the **Navigation key** to highlight a desired ringtone, then press the **OK key** **OK** to select it.
   - Press the **Left soft key** **Play** to listen to a highlighted ringtone.
   - Press the **Right soft key** **Options** to add or delete ringtones.
3. Press the **Clear key** to exit.

Notification sounds

1. From the Sound & notifications menu screen, press the **4 key** 4 ghi **Notification sounds** to set the sound played for new notifications.
2. Use the **Navigation key** to highlight a desired sound, then press the **OK key** **OK** to select it.
   - Press the **Left soft key** **Play** to listen to a highlighted sound.
   - Press the **Right soft key** **Options** to add or delete sound files.
3. Press the **Clear key** CLR to exit.

Keypad sound

1. From the Sound & notifications menu screen, press the **5 key** 5 jkl **Keypad sound**.
2. Use the **Navigation key** to select On or Off, then press the **OK key** **OK** to select it.
3. Press the **Clear key** CLR to exit.

Emergency tone

Allows you to view emergency alerts and customize your emergency alerts settings.

From the Sound & notifications menu screen, press the **6 key** 6 mno **Emergency tone**.

- **Alert**: Allows you to set an alert tone same as the volume level on your phone.
- **Vibrate**: Enable this option to emit the vibration instead of providing an alert tone.
- **Off**: Allows you to disable the alert related with emergency dialing.

Display

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **5 key** **Display**.

Menu layout

1. From the Display menu screen, press the **1 key** **Menu layout** to display your Menu screen in a grid or list.
2. Use the **Navigation key** to select grid or list then press the **OK key** **OK** to select it.

Brightness

1. From the Display menu screen, press the **2 key** **Brightness**.
2. Use the **Navigation key** to adjust it, then press the **OK key** **OK**.

Wallpaper

1. From the Display menu screen, press the **3 key** **Wallpaper**.
2. Select a Wallpaper type and highlight your preference using the **Navigation key**, then press the **OK key** **Select** (crop and save the image, if necessary).
   - Press the **1 key** **Wallpaper gallery**.
   - Press the **2 key** **Gallery**.

Display backlight

1. From the Display menu screen, press the **4 key** **Display backlight** to set the amount of time before the screen times out due to inactivity to conserve your battery power.
2. Use the **Navigation key** to highlight your choice, then press the **OK key** **OK**.

Key backlight

1. From the Display menu screen, press the **5 key** 5 jkl **Key backlight** to set how long the keypad remains lit.
2. Use the **Navigation key** to highlight your choice, then press the **OK key** **OK**.

Font type

1. From the Display menu screen, press the **6 key** 6 mno **Font type** to set the font used for the phone software.
2. Use the **Navigation key** to highlight your choice, then press the **OK key** **OK**.

Font size

1. From the Display menu screen, press the **7 key** 7 pqrs **Font size** to set the size of the font used for the phone software.
2. Use the **Navigation key** to highlight your choice, then press the **OK key** **OK**.

Clock

1. From the Display menu screen, press the **8 key** 8 tuv **Clock** to set the kind of clock displayed on the Home screen.
2. Use the **Navigation key** to highlight your choice, then press the **OK key** **OK**.

   ▸ Press the **Left Soft Key** **Preview** to see it first.

Phone Settings

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

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **6 key** **Phone settings.**

Language

1. From the Phone settings menu screen, press the **1 key** **Language** to set the language for your phone's software.
2. Use the **Navigation key** to select your choice, then press the **OK key** **OK** to select it.
3. Press the **Clear key** to exit.

Key Shortcuts

Shortcuts are available from the Home screen. Simply press the **Navigation key** up, down, right or left to open one. You can change the shortcut for each key and also change the shortcuts provided from the Shortcut menu (the Right Navigation key by default).

Setting Navigation key shortcuts

1. From the Phone settings menu screen, press the **2 key** **Key shortcuts**.
2. Use the **Navigation key** to highlight a shortcut key you want to set.
3. Press the **Left soft key** **Set** to display the available shortcuts. Use the **Navigation key** to highlight one, then press the **OK key** **OK**.
4. Press the **OK key** **Save**.

Setting the Shortcut menu shortcuts

1. From the Phone settings menu screen, press the **2 key** **Key shortcuts**.
2. Use the **Navigation key** to highlight the key field set as **Shortcut menu**, then press the **Left soft key** **Set**.

3. Use the **Navigation key** to highlight **Shortcut 1, Shortcut 2, Shortcut 3** or **Shortcut 4** then press the **Left soft key** **Set**.
4. Use the **Navigation key** to highlight an item, then press the **OK key** **OK** to set the shortcut.
5. Press the **OK key** **Save** to save the settings you changed.
6. To reset shortcuts to their default settings, press the **Right soft key** **Reset**.

Storage

1. From the Phone settings menu screen, press the **3 key** **Storage** to view your phone's storage memory information (in text and on a bar graph).
2. Press the **1 key** **Phone** to view statistics for used memory, total memory, available memory and the amount of memory used by specific apps. When a microSD card is inserted in the phone, the Storage menu displays additional options.

   - **SD card** Allows you to view data saved in your external memory.

   From the Storage menu screen, press the **Right soft key**:

   - **Eject SD card** Allows you to unmount your microSD card for safe removal from your phone.
   - **Mount SD card** Allows you to mount an inserted microSD card.

USB connection

You can connect your phone to your PC to charge it and transfer items to the PC from the phone (and vice versa).

Transferring music, photos, and videos

1. From the Phone settings menu screen, press the **4 key** **USB connection**.
2. Use the **Navigation key** to highlight **File transfer** or **Photo transfer**, then press the **OK key** **OK**.
3. Connect your phone to a PC using the USB cable included with your phone.

4. You can now view the mass storage content on your PC and transfer files.
5. After transferring files, return to the Phone settings menu, press the **4 key** 4ghi **USB connection** and change the setting to **Charging** before disconnecting the USB cable.

Location

1. From the Phone settings menu screen, press the **5 key** 5jkl **Location** to set the GPS (Global Positioning System: Satellite assisted information system) mode.
2. Use the **Navigation key** to highlight On or Off, then press the **OK key** **OK**.

NOTES

- GPS satellite signals are not always received by the phone, especially under bad atmospheric and environmental conditions, indoors, etc.
- When in Airplane Mode, services supporting Location On functionality will be suspended.

Security

1. From the Phone settings menu screen, press the **6 key** 6mno **Security** to allow you to secure your phone electronically by PIN, encryption or SIM card lock.
2. Select the security option you want to activate.

- **1 key** 1 **Screen lock** Allows you to set a PIN to secure your phone from unintentional and/or unauthorized use.
- **2 key** 2abc **Encrypt phone** Allows you to encrypt or decrypt your phone data (accounts, settings, media files and other files).
- **3 key** 3def **Encrypt SD card** Allows you to encrypt or decrypt external microSD card data. Encrypted data is not accessible on other devices.
- **4 key** 4ghi **SIM card lock** Allows you to lock your SIM card.
- **5 key** 5jkl **Certificate management** Allows you to manage your secure certificates.

  - **Trusted credentials** Shows system root CA certificates and user added CA certificates.

- **Install from storage** Allows you to install a secure certificate from storage.
- **Clear credentials** Allows you to delete user added secure certificates and related credentials.

Accounts

1. From the Phone settings menu screen, press the **7 key** 7pqrs **Accounts**.
2. Press the **Right soft key** – **Options** to access **Add account** or **Auto-sync data**.

Verizon Cloud

1. From the Phone settings menu screen, press the **7 key** 7pqrs **Accounts**.
2. Press the **1 key** 1 **Verizon Cloud** to allow contacts previously saved in Verizon Cloud or Backup Assistant to be synced with this phone.

Email

1. From the Phone settings menu screen, press the **7 key** 7pqrs **Accounts**.
2. Press the **2 key** 2abc **Email**.
   - Use the **Navigation key** to highlight an account, press the **OK key** **Select**, then set the Sync setting to On or Off.
   - Press the **Right soft key** – **Options** to access **Sync now** or **Remove account**.

Reset

1. From the Phone settings menu screen, press the **8 key** 8 tuv **Reset**.
2. Select the type of reset you want to perform.
   - Press the **1 key** 1 **Factory data reset** Allows you to erase all of the data on the phone, an inserted MicroSD card, or both the phone and the card.
   - Press the **2 key** 2 abc **Reset settings** Allows you to restore the default system settings.

Date & time

1. From the Phone settings menu screen, press the **9 key** 9 wxyz **Date & time**.
2. Select date & time options and set them as necessary.

NOTE By default the **Auto-date & time** and **Auto-time zone** options are enabled. To activate the manual setting option(s), turn off the Auto option(s), then select **Set date, Set time** and/or **Select time zone**.

- Turn on the **Auto-date & time** option to use the date/time provided by the network, or select **Set date** and/or **Set time** to manually set them.
- Turn on the **Auto-time zone** option to use the time zone provided by the network, or select **Select time zone** to set it manually.
- **Time format**: Select the 24-hour option to display the time using the 24-hour format (e.g., 13:00 instead of 1:00 PM).

Call settings

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **7 key** **Call settings**.

Activate Wi-Fi Calling

1. From the Call settings menu screen, press the **1 key** **Activate Wi-Fi calling** to allow you to make calls using Wi-Fi when the mobile network is not available.
2. Read the terms and conditions, use the **Navigation key** and select the check box to display **Continue**, then press the **OK key**.

Answer options

1. From the Call settings menu screen, press the **2 key** **Answer options** to set how the phone will answer an incoming call.
2. Use the **Navigation key** to select the setting(s) you want to use, then press the **OK key** **Select**.
3. Press the **Left soft key** **Save**.

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

Ignore with message

1. From the Call settings menu screen, press the **3 key** **Ignore with message** to view, edit, add and delete your quick messages that can be used when you want to ignore a call (e.g., during a meeting).
2. Select an action.
   - Use the **Navigation key** to highlight a quick message, then press the **OK key** **Edit**.
   - Press the **Right soft key** **Options** to access **Delete** and **New**.

Speed dial

1. From the Call settings menu screen, press the **4 key** 4 ghi **Speed dial** to add, view, change, move and remove your speed dial numbers.
2. Use the **Navigation key** to highlight a speed dial.
   - Press the **OK key** **Set** to set up a new speed dial from numbers in your Contacts list.
   - Press the **OK key** **Change** to change an existing speed dial.
   - Press the **Right soft key** **Options** to access **Move, Remove** and **Remove all**.

Voice mail

1. From the Call settings menu screen, press the **5 key** 5 jkl **Voice mail**.
2. Select a Voice mail option.
   - Press the **1 key** 1 **Service** to view the Voice mail service carrier.
   - Press the **2 key** 2 abc **Setup** 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.
   - Press the **3 key** 3 def **Notification sound** to set the sound played when new voice mail arrives.
   - Press the **4 key** 4 ghi **Vibrate** to set when to vibrate for voice mail notifications.

Assisted dialing

1. From the Call settings menu screen, press the **6 key** 6 mno **Assisted dialing** to allow easy international calling while traveling in a non-U.S. roaming region.
2. Use the **Navigation key** to select On, then press the **Left soft key** **Set**.
3. Use the **Navigation key** to highlight the **Reference country** field, then press the **Left soft key** **Set**.
4. Use the **Navigation key** to scroll to the desired country.

5. 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 the **OK key** **Save**.
6. Press the **OK key** **Save**.

NOTE For example, if you make a call from China to the U.S. when the 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.

Blocked calls

1. From the Call settings menu screen, press the **7 key** **Blocked calls** to allow you to view and manage your Blocked calls list.
2. Select the action you want.
   - Press the **OK key** **Add** to add numbers from Contacts, Recent calls or manually enter a number.
   - Press the **Right soft key** **Options** to access **Remove** or **Edit**.

Auto redial

1. From the Call settings menu screen, press the **8 key** **Auto redial** to allow you to set the length of time the phone waits before automatically redialing a number when the attempted call fails.
2. Use the **Navigation key** to highlight the desired setting, then press the **OK key** **OK**.

Call forwarding

1. From the Call settings menu screen, press the **9 key** **Call forwarding** to allow an incoming call to be redirected to a mobile telephone or other telephone number.
2. Press the **1 key** **On** to enable Call forwarding and enter the designated telephone number.
3. Press the **2 key** **Off** to disable Call forwarding.

Call duration

1. From the Call settings menu screen, press the **0 key** **Call duration** to view call durations for the Last call, Outgoing calls, Incoming calls and All calls.
2. Use the **Navigation key** to highlight a call type, then press the **OK key** **Reset** to reset its counter to zero.

About phone

View information about your phone including **My phone number**, **Status**, **Network**, **Battery level**, **Help**, **Hardware info**, **Software info**, and **Legal info**.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **8 key** **About phone**.

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.

1. From the Home screen, press the **OK key** **Menu**.
2. Press the **Hashtag key** **Settings**.
3. Press the **9 key** **Software update**.

   The two options shown will be **Status** and **Check for new**.

   Press the **1 key** **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 the **2 key** **Check for new** to check if any new software updates are available to download. If a newer software version is available. You can begin the download immediately by pressing the **OK key** **Download**.

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

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.

This mobile phone has a Hearing Aid Mode that, when activated, may reduce interference with some hearing aid models.

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.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 0.39 inches (1cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1cm) must be maintained between the user's body and the back of the phone. Any belt-clips, holsters, and similar accessories containing metallic components may not be used. Body-worn accessories that cannot maintain 0.39 inches (1cm) separation distance

between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Part 15.19 statement

This device complies with part 15 of the 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 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 to which the receiver is connected.

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

The phone by LG operates on Verizon's 4G LTE network, based on Long Term Evolution (LTE) technology and Mobile Broadband 4G networks in the United States*. Now you can connect easily at high speeds to the Internet, your corporate Intranet, and your email while you're away from the office.

* Service not available everywhere. Visit website (verizonwireless.com/4G) for a complete list of available areas.

* Information subject to change.

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 the 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, visit the FCC website at https://www.fcc.gov/consumers/guides/specific-absorption-rate-sar-cell-phones-what-it-means-you. 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 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

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 values are:

- Head: 0.97 W/kg
- Body-worn/Hotspot: 1.28 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/ea/fccid after searching on FCC ID ZNFVN220.
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.

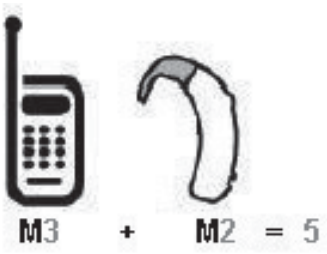
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate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

M-Ratings: Phones rated M3 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled.

T-Ratings: Phones rated T3 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled.

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.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call.

For information about hearing aids and digital wireless phones:

Wireless Phones and Hearing Aid Accessibility
http://www.accesswireless.org/

Gallaudet University, RERC
http://tap.gallaudet.edu/Voice/

FCC Hearing Aid Compatibility and Volume Control
https://www.fcc.gov/general/hearing-aid-compatibility-and-volume-control

The Hearing Aid Compatibility FCC Order
http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

Hearing Loss Association of America [HLAA]
http://hearingloss.org/content/telephones-and-mobile-devices

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)

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.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified 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.
- Improper battery use may result in a fire, explosion or other hazard.

Charger Adapter and Cable Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery charger vertically into the wall power socket.
- Only use the LG-approved battery charger. Otherwise, you may cause serious damage to your phone.
- Use the correct adapter for your phone when using the battery 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 manual for the specified charger to learn how to charge it.
- 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.
- The charging temperature range is regulated between 32°F (0°C) and 104°F (40°C). Do not charge the battery outside of the recommended temperature range. Charging outside this range might cause excessive heat generation, serious battery damage, and deterioration of battery's characteristics and cycle life.
- Do not use or leave the phone in direct sunlight or in a car heated by sunshine. The battery may generate excessive heat, smoke, or flame. It also might cause deterioration of battery's characteristics or cycle life.
- If skin or clothing is smeared with liquid from the battery, wash with fresh water. It may cause the skin inflammation.
- Please take your phone to an authorized service center immediately if this occurs.
- Do not handle the phone with wet hands while charging. It may cause an electric shock or seriously damage your phone.
- Do not place or answer calls while charging the phone as it may shortcircuit the phone and/or cause electric shock or fire.
- The charger and adapter are intended for indoor use only.
- Insert the battery charger horizontally into the wall power socket.
- Talking on your phone for an extended 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 as this could cause a fire.
- Do not place or answer calls while charging the phone as it may shortcircuit the phone and/or cause electric shock or fire.

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.

General Notice

- 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 immerse your phone in water, liquid, or expose to high humidity. If the phone is expose to liquid, turn it off immediately and bring 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, 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.

FDA Consumer Update

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

1. Do wireless phones pose a health hazard?

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

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

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

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

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

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

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

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

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

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

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

The term "wireless phone" refers here to handheld wireless phones with built-in antennas, often called "cell", "mobile", or "PCS" phones. These types of wireless phones can expose the user to measurable Radio Frequency (RF) energy because of the short distance between the phone and the user's head.

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

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

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of Radio Frequency (RF) energy exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we do not know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from

wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

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

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

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

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research And Development Agreement (CRADA)

to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much Radio Frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit Radio Frequency (RF) energy exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless phones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the Radio Frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques", sets forth the first consistent test methodology for measuring the rate at which RF is

deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to Radio Frequency energy from my wireless phone?

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

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 voice mail 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.

Cautions

- Locations are inaccurate when GPS not set.
- All of the phone's contents, including content which you create or download, will be deleted after a Factory Reset.

CE 0168

- Use your phone in temperatures between 0ºC and 40ºC, if possible. Exposing your phone to extremely low or high temperatures may result in damage, malfunction, or even explosion.
- There is risk of explosion if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions. Please recycle when possible. Don't dispose as household waste.

To prevent possible hearing damage, don't listen at high volume levels for long periods.

- Excessive sound pressure from earphones and headphones can cause hearing loss.

DECLARATION OF CONFORMITY

Hereby, **LG Electronics** declares that this **LGVN220** product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the Declaration of Conformity can be found at **http://www.lg.com/global/declaration**

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information.

This mobile phone model LGVN220 has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific guidelines that include safety margins designed to assure the safety of all persons, regardless of age and health.

- The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate (SAR). Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands.
- While there may be differences between the SAR levels of various LG phone models, they're all designed to meet the relevant guidelines for exposure to radio waves.
- The SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP) is 2 W/kg averaged over 10g of tissue.
- The highest SAR value for this model phone tested for use at the ear is 0.771 W/Kg (10g) and when worn on the body is 1.520 W/kg (10g).
- This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 0.5 cm away from the body. When a carry case, belt clip or holder is used for bodyworn operation, it shouldn't contain metal and should position the product at least 0.5 cm away from your body. In order to transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed.

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.

Trademarks

- Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.
- Wi-Fi® and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.
- LG and the LG logo are registered trademarks of LG Group and its related entities.

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://www.lg.com/us/support 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.

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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