

USER GUIDE

 LG | COSMOS™ TOUCH

USER GUIDE

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 LG | COSMOS™ TOUCH

 **verizon**wireless

GUÍA DEL USUARIO

 LG | COSMOS™ TOUCH

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Important Safety Precautions

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

Warning

Violation of the instructions may cause serious injury or death.



- Never use an unapproved battery since this could damage the phone and/or the battery and could cause the battery to explode.
- Never place your phone in a microwave oven as it will cause the battery to explode.



- Never store your phone in temperatures lower than -4°F or higher than 122°F .
- Do not dispose of your battery near fire or with hazardous or flammable materials.



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



- Do not use a hand-held phone while driving.
- Do not use the phone in areas where its use is prohibited. (For example: aircraft)

Important Safety Precautions



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



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



- Do not drop, strike, or shake your phone severely. It may harm the internal circuit boards of the phone.
- Do not use your phone in highly explosive areas as the phone may generate sparks.



- Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.



- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.



- Do not disassemble the phone.



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



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



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



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



- Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.



- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
- Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstance, even when your phone is locked. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

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Welcome

Thank you for choosing the Cosmos™ Touch cellular phone, designed to operate with the latest digital mobile communication technology, Code Division Multiple Access (CDMA). Along with the many advanced features of the CDMA system, such as greatly enhanced voice clarity, this compact phone offers:

- Mobile IM
- Bing Search
- VZ Navigator
- Mobile Email
- BackUp Assistant
- Touch screen and auto screen lock.
- Display Themes and Wallpapers for customization.
- 1.3 Megapixel digital camera
- Large, easy-to-read, LCD screen with status icons.
- Messaging, Voicemail, and Caller ID.
- Browser
- Media Center
- Long battery standby and talk time.
- Easy operation with touch screen.
- Any key answer, auto-answer with handsfree, auto retry, one touch dial and Speed Dials (with 999 memory locations).
- Bilingual (English and Spanish) capability.
- Bluetooth® wireless technology.

NOTE The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by LG Electronics is under license. Other trademarks and trade names are those of their respective owners.

Important Information

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

Technical Details

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

CDMA technology uses a feature called DSSS (Direct Sequence Spread Spectrum) that enables the phone to keep communication from being crossed and to use one frequency channel by multiple users in the same specific area. This results in a 10-fold capacity increase when compared with analog mode. In addition, features

such as soft/ softer handoff, hard handoff, and dynamic RF power control technologies combine to reduce call interruptions.

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

1xRTT system receives twice as many subscribers in the wireless section as IS-95. Its battery life is twice as long as IS-95.

The table on page 11 lists some major CDMA standards.

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the

safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.79 inches (2.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2.0 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 0.79 inches (2.0 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

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

FCC Notice and Cautions

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that causes undesired operation. Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment. Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps Radio Link Protocol and Inter-Band Operations IS-95 Adapted for PCS Frequency Band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS-651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem Operations Non-Signaling Data Communications.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data

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

Part 15.21 statement

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

Part 15.19 statement

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

Operation is subject to the following two conditions:

- (1) This device & its accessories may not cause harmful interference.
- (2) This device & its accessories must accept any interference received, including interference that may cause undesired operation.


Part 15.105 statement

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

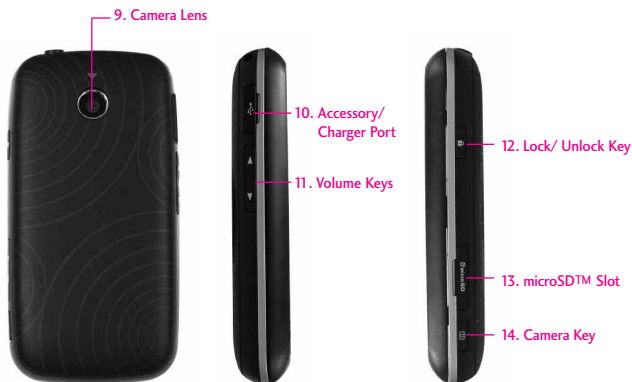


NOTE

The Send, Clear/Voice Commands, PWR/End Keys are not illuminated when the display is off. Press the Unlock Key, or any other exterior key, to illuminate the display and keys. To unlock the screen and keys, lightly press and slide the icon  to the right.

- 1. Earpiece** Lets you hear the caller.
- 2. Shortcuts Key** Allows quick access to a customizable Shortcut Menu.
- 3. Quick Keys** The Quick Keys provide easy access to Messages, the phone Dialpad, the Main Menu, the Contact List, and Favorites which easily activate with the touch of your fingertip.
- 4. Send Key** Use to answer incoming calls and to place calls from the Dialpad. From Standby mode, pressing this key will open the All Calls list of your Recent Calls menu.
- 5. Clear Key / Voice Commands Key** Deletes single spaces or characters. Also backs out of menus, one level at a time. While in Standby mode, use for quick access to Voice Commands or press and hold to access Voice Recorder.
- 6. 3.5mm Headset Jack** Allows you to plug in an optional wired headset for convenient, hands-free conversations. The 3.5mm jack also allows you to connect headphones normally used with other mp3 players.
- 7. Touch Screen** Displays incoming calls, messages and indicator icons as well as a wide variety of content you select to view.
- 8. PWR/End Key** Use to turn the power on/off and to end a call. Also returns to Standby mode.

Phone Overview



9. **Camera Lens** Used for taking pictures. Keep it clean for optimal photo quality.

10. **Accessory Charger Port** Connects the phone to the battery charger, or other compatible accessories.

11. **Volume Keys** Use to adjust the Master Volume in Standby mode* and the Earpiece Volume during a call.

12. **Lock/Unlock Key** Press to lock or unlock the touch screen and keys.

13. **microSD™ Slot** Accommodates optional microSD cards up to 16GB.

14. **Camera Key** Use for quick access to the Camera function.

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




Using the QWERTY Keyboard

Your phone features a slide-out QWERTY keyboard, specifically designed for easy and comfortable text entry. The QWERTY keyboard uses the same layout as the keyboard on your computer, but has several added features and options to make text entry easier.








To enter text with the QWERTY keyboard

1. In a text entry screen, slide open the QWERTY keyboard.
(The display automatically adjusts to landscape mode.)
2. Use your thumbs to enter text.

- To change capitalization, press the **Shift Key** .
- To enter an alternate character on a key, press the **Function/Favorites Key** , then press the key with the alternate character. The next key press resumes normal character entry. To lock in alternate character entry, press the **Function/Favorites Key**  twice.

NOTE

- To quickly enter ".com", press the **Function/Favorites Key** , then press .
- To enter graphics (such as faces, birthday cake, weather, etc.) press the **Function/Favorites Key**  then press . Choose from the 163 pre-programmed graphics.
 - To access Favorites from standby mode, slide open the QWERTY keyboard and press the **Function/Favorites Key** .

Quick Glance of the Touch Screen and How to Use It

Quick Keys




1. For optimal performance, make sure your hands are clean and dry. Remove moisture from the surface of your hands. Don't use the touch keys in a humid environment.
2. The touch screen is sensitive to your light touch. You don't need to press it forcefully to use it. Protect your phone from severe impact to prevent the touch screen sensors from becoming damaged from harsh use.
3. Use the tip of your finger to touch the center of a touch key. If you touch off-center, it may activate the nearby function instead.
4. The touch feedback level can be adjusted to your preference.
5. When both the LCD screen and backlight are off, all keys are deactivated. Press the Unlock Key (🔓) twice to turn on and unlock the touch screen.

6. The Proximity Sensor protects against accidental key presses during phone calls by locking the screen.
7. Keep metal and other conductive material away from the surface of touch screen because contact may cause electronic interference.

How to Unlock




Drag  to the right to unlock the screen.




OR Press the Unlock Key on the side of your phone. Press twice if the backlight is off.

Turning the Phone On and Off

Turning the Phone On

1. Install a charged battery or connect the phone to an external power source.
2. Press the **PWR/End Key**  for a few seconds until the LCD screen turns on.

Turning the Phone Off

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Press and hold the **PWR/End Key**  until the LCD screen turns off.

The Battery

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

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

Installing the Battery

Remove the battery cover. Align the battery contacts with the phone terminals at the top of the battery compartment. Gently push down on the battery until it clicks into place. Replace the battery cover.

Removing the Battery

Turn the phone off. Remove the battery cover. Use the fingertip cutout near the bottom of the battery compartment to lift the battery out.



Removing & installing the battery cover

You need to remove the back cover before you can install the battery on your phone. Also, make sure to always turn off the power before installing or replacing a battery.

Getting Started with Your Phone

To remove the back cover



1. Hold the phone securely with both hands (as demonstrated).
2. Push the back cover up with your thumb until it disengages from the phone and then slide it up to remove.



2. Hold the phone securely with both hands (as demonstrated).
3. Slide the battery cover upward with your thumbs until it clicks into place.

To install the back cover



1. Align the battery cover slightly lower than the top edge of the phone. Make sure that the hooks on the battery cover are placed in the phone's slots.

Charging the Battery

Your Cosmos™ Touch comes with a Wall/USB charger and a USB data cable which connect together to charge your phone. To charge your phone:

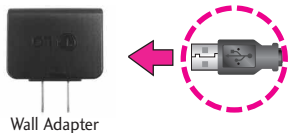
NOTICE

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

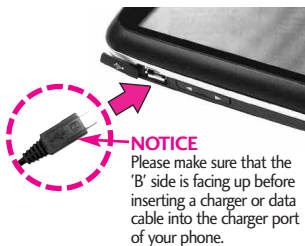
NOTE

Using the phone with only the adapter may cause abrupt resets. Use the phone with the battery installed.

1. Connect the USB data cable into the wall adapter, as shown below.



2. Gently uncover the phone's accessory/ charger port. Then plug the USB data cable (as shown in the next image) into the accessory/ charger port and the other end into an electrical outlet.



The charge time varies depending upon the battery level.

Charging with USB

You can use your computer to charge your phone. To be able to charge with the USB cable, you may need to have the necessary USB Driver installed on your PC first. Connect one end of the USB cable to the accessory/charger port on your phone and the other end to a bus-powered USB port on your PC.

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

NOTE If the phone is about to reset, a warning message will appear on the idle screen.

How to Install a microSD™ Card



1. Locate the microSD slot on the right side of the phone, then uncover the slot.



2. Insert the microSD™ card (purchased separately) with the label side facing up. Gently push it in until it clicks into place. Please note that if you insert the card in the wrong direction, it may damage your phone or your card.

How to Remove a microSD™ Card

1. Uncover the microSD slot and gently push the card in, this will release the exposed edge of the microSD™ card to eject it.
2. Remove the microSD™ card from the slot and replace the cover.

NOTE

- Do not attempt to remove the microSD™ card while reading or writing to the card.
- Users wishing to transfer or download music onto a MicroSD™ card inserted into this phone (through MTP Sync) should format the MicroSD™ card on this handset before using it (Menu -> Settings -> Memory -> Card Memory -> Format). Warning: Formatting the MicroSD™ card will erase all contents on the card. In the event the microSD™ card is used on this phone without first formatting it, the phone will display “License acquisition failed” during MTP Sync. Song files downloaded or otherwise purchased from third party providers and stored on a microSD™ card inserted into this device may be protected or encrypted by such provider and may not be playable on this device.

Battery Temperature Protection

Though extremely rare, if the battery becomes overheated, the phone will automatically turn off. When you turn the phone back on, a message pops up alerting you that the phone was powered off for your safety.

Battery Charge Level





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

Signal Strength




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



Screen Icons



When the phone is on, the top section of the LCD screen displays phone status icons. To view what they mean:

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **Settings** .
3. Touch **Phone Info**.
4. Touch **Icon Glossary**.
5. Touch a category of icons from the list.


Making Calls

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Phone Quick Key** () to display the dialpad you can use to dial. Enter the phone number you want to call.



NOTE You can search your Contact List (**CONTACTS**, ) or Recent Calls (**RECENT**, ) and select a number to call instead of manually dialing.


3. Press the **Send Key** () or touch the **Call Key** **CALL** to place the call.
4. Press the **PWR/End Key** () or touch the **End Key** **END** to end the call.

Correcting Dialing Mistakes

If you make a mistake while dialing a number, touch the **Clear Key**  once to erase the last digit entered, or hold the **Clear Key** down to delete all digits.



Redialing Calls


With the touch screen unlocked, press the **Send Key** () once to view a list of all of your recent calls. The last 270 calls (90 Received, 90 Missed and 90 Dialed) are stored in the call history list. Touch the **Dial Key** () next to any of the entries to place a call to that number.

You can also press the **Send Key** () twice to redial the last number you dialed, received or missed in the call history.






Receiving Calls



1. When the phone rings and/or vibrates, unlock the touch screen by dragging **UNLOCK** to the right then touch **Answer**, or press the **Send Key** .
2. Touch **End Key**  to end the call.




NOTE To ignore the incoming call, press the **PWR/End Key**  twice to immediately end the call. Or, you can touch **Ignore**. You can also send text messages by touching **TXT**.


There are several ways of answering a call, depending on your selected Answer Options (for instructions on how to set your preferences, see page 110):

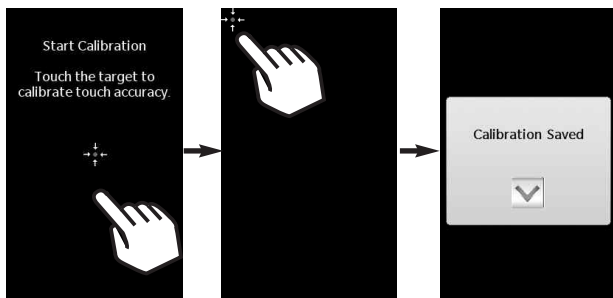
- **Slide Out:** Sliding the QWERTY keyboard out answers the call and turns the speaker on.
- **Any Key:** Press the **Send Key**  or, with the phone unlocked, press any other key except the **PWR/End Key** , **Volume Keys** , **Lock/Unlock Key** , and the **Camera Key** .
- **Auto with Handsfree:** The call automatically connects when connected to a handsfree device.

Calibrating the Touch Screen

Calibration allows the phone to recognize the accuracy of your touch.



1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone. Then, touch the **Menu Quick Key** ().

2. Touch Settings .
3. Touch **Touch Settings**.
4. Touch **Calibration**.
5. Touch the target each time it appears.






Shortcuts Menu

The Shortcuts Menu allows instant access to menus and phone features with the quick touch of your fingertip. To use the Shortcuts Menu:

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.



2. Touch the **Shortcuts Menu** icon  on the home screen.
3. To close the Shortcuts Menu, press the **Clear Key**  or the **PWR/End Key** .

Shorcuts Menu

Quick Keys


Messages: Displays the Messages menu.

Menu: Displays the Main Menu.



Phone: Displays the Dialpad so you can make a call. Dial manually using the numeric keys or easily from your Recent Calls, Contacts, or Voice Dial.

Contact list: Displays your Contact List.

When you touch the **Phone Quick Key**  the following Dialpad is displayed:

Touch and hold this key to call your voicemail box.



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

Touch this key to dial using Voice Commands.

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

Touch this key to view the recent call history.

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

To view other Home screen panes

Slide your finger left or right across the Home screen. If you slide your finger left, you could access and edit Favorites. If you slide your finger right, you can access Messages.

Favorites

Allows you to add up to 11 Contact entries or Contact groups to your list of Favorites to easily view, call, or send messages.








Entering and Editing Information

Text Input

You can enter information using the touch screen keypad. There are special key functions to help you with text entry.

Text Input While Composing a TXT Message

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Message Quick Key** .

3. Touch **NEW** .
4. Select **TXT Message**.
5. Touch the Text field to begin entering text. A touch keypad will popup.
6. To access Text Input options, touch the **Options Key** . The options are:

Insert Quick Text/ Save As Draft/ Add/ Copy Text/Paste/ Format Text/ Priority Level/ Callback #/ Save Quick Text/ Cancel Message



Text Input Options.

Insert Quick Text/ Save As Draft/ Add/ Copy Text/ Paste/ Format Text/ Priority Level/ Callback #/ Save Quick Text/ Cancel Message

Touch to exit text input mode.

Touch to change text input modes.

Handwriting/Keypad Toggle Key.

When entering text, besides "typing" the text with the touch keys, you also have the option to write with your fingertip. The touch screen interprets your movements into characters.

1. Touch a text field, then touch the Pen icon **PEN** on the right side of the display.
2. Use your fingertip to write each character you want. You must write in the box that appears in the lower half of the screen. If the touch screen does not display the character you intended, press the **Clear/Voice Commands Key** **C** to delete characters, and try again.

For instructions on how to better use the handwriting function, see the next page.

TIP

When you "write" on the touch screen, the interpreted movements will be displayed. Gaps in lines may indicate that you need to press slightly harder for more constant contact with the touch screen.

NOTE The handwriting option may not be available for all text entry fields.

Handwriting
Recognition Field



Changing Input Method

To change from "writing" to "typing":

In the hand-writing screen, touch the Keypad icon **Keypad** on the right side of the display.



After creating a message, touch **SEND** to send the message.

Entering and Editing Information

The following tables may help in understanding how the touch screen interprets movements into characters.

Writing in Lower-Case

a	á	â	ã	ä	å	n	ñ	ŋ	ŋ
b	b	ʼb	b			o	ó	ô	õ
c	c					p	ᵑ	ᵑ	ᵑ
d	d	d	d	d	d	q	q	q	q
e	e	e				r	r	r	r
f	f	f	f	f	f	s	s	s	s
g	g	g				t	t	t	t
h	h	h	h	h	h	u	u	u	u
i	i	i	i	i	i	v	v	v	v
j	j	j				w	w	w	w
k	k	k	k	k	k	x	x	x	x
l	l	l				y	y	y	y
m	m	m	m	m	m	z	z	z	z

Note that you must touch the Numbers Key **123** to write in numbers.

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Writing in Upper-Case

Note that you must touch the All Caps Key **ABC** to write in upper-case letters.

A	À	Á	Â	Ã	Ä	Å	N	Ñ	Ŋ	Ŋ
B	ʼB	ʼB	ʼB	ʼB	ʼB	ʼB	O	Ó	Ô	Õ
C	C	C					P	ᵑ	ᵑ	ᵑ
D	D	D					Q	Q	Q	Q
E	É	É	É	É	É	É	R	ᵑ	ᵑ	ᵑ
F	F	F	F	F	F	F	S	S	S	S
G	G	G	G	G	G	G	T	T	T	T
H	H	H	H	H	H	H	U	U	U	U
I	I	I	I	I	I	I	V	V	V	V
J	J	J	J	J	J	J	W	W	W	W
K	K	K	K	K	K	K	X	X	X	X
L	L	L					Y	Y	Y	Y
M	M	M	M	M	M	M	Z	Z	Z	Z

Acute	´	á
Tilde	˜	ñ
Dieresis	¨	ü

Note that you must touch the Symbols Key **sym** to write in symbols.

&	&	((
@	@))
#	##	<	<
\$	\$	>	>
%	%	[[
*	*]]
^	^	{	{
!	!	}	}
?	?	:	:
~	~	;	;
+	+	,	,
-	-	'	'
=	=	"	"
/	/	\	\
¿	¿	¡	¡



My Verizon



Messaging

1. New Message
 1. TXT Message
 2. Picture Message
 3. Voice Message
2. Messages
3. Drafts
4. Voicemail
5. Mobile IM
6. Social Beat
7. Mobile Email
8. Social Networks
9. Settings
 1. Messages View
 2. Entry Mode
 3. Text Entry Settings
 4. Auto Save Sent
 5. Auto Erase Inbox
 6. Message Font Size
 7. TXT Auto View
 8. TXT Auto Scroll

9. Multimedia Auto Receive
10. Quick Text
11. Voicemail #
12. Callback #
13. Signature
14. Delivery Receipt

10. Erase Options

1. Erase Sent/Received
2. Erase Drafts
3. Erase All Messages



Contacts

1. New Contact
2. Contact List
3. Backup Assistant
4. Groups
5. Speed Dials
6. In Case of Emergency
7. My Name Card



Recent Calls

1. Missed

2. Received
3. Dialed
4. All
5. View Timers



Media Center

1. Search
2. Music & Tones
 1. Get New Ringtones
 2. Get Ringback Tones
 3. My Ringtones
 4. My Music
 5. My Sounds
 6. Sync Music
3. Pictures
 1. Get New Pictures
 2. My Pictures
 3. Take Picture
 4. Online Album
4. Games
 1. Get New Applications
5. Mobile Web

* The Messages submenu options may vary and depend on the Messages View settings.

6. Browse & Download

1. Get New Applications
- Mobile E-mail
- Social Beat
- Bing Search
- VZ Navigator

7. Extras

1. Get New Applications

8. Info



My Music



Mobile Web



Search



Mobile Email



VZ Navigator



Tools

1. Voice Commands
2. Calculator
3. Ez Tip Calculator
4. Calendar
5. Alarm Clock
6. Stopwatch
7. World Clock
8. Notepad
9. Drawing Pad
10. USB Mass Storage



Settings





1. My Verizon
2. Bluetooth Menu
3. Sounds Settings
 1. Easy Set-up
 2. Master Volume
 3. Call Sounds

1. Call Ringtone
2. Call Vibrate
3. Caller ID Readout
4. Alert Sounds
 1. TXT Message
 2. Multimedia Message
 3. Voicemail
 4. Emergency Tone
 5. Missed Call
5. Button Sounds
6. Digit Dial Readout
7. Service Alerts
 1. ERI
 2. Minute Beep
 3. Call Connect
 4. Charge Complete
 5. Software Update
8. Power On/Off
 1. Power On Sound
 2. Power On Vibrate
 3. Power Off Sound

- 4. Power Off Vibrate
- 9. Voice Clarity
- 4. Display Settings**
 - 1. Easy Set-up
 - 2. Banner
 - 1. Personal Banner
 - 2. ERI Banner
 - 3. Display Backlight
 - 4. Keypad Backlight
 - 5. Wallpaper
 - 1. My Pictures
 - 2. Fun Animations
 - 6. Charging Screen
 - 7. Display Themes
 - 8. Fonts
 - 9. Dial Fonts
 - 10. Clock Format
 - 11. Shortcut Bin
- 5. Touch Settings**
 - 1. Auto Lock
 - 2. Vibrate Type
 - 3. Vibrate Level
 - 4. Vibrate Effect
 - 5. Sound
 - 6. Calibration
- 6. Phone Settings**
 - 1. Airplane Mode
- 2. Set Qwerty Shortcut
- 3. Voice Commands
 - 1. Confirm Choices
 - 2. Sensitivity
 - 3. Adapt Voice
 - 4. Prompt Mode
 - 5. Audio Playback
 - 6. Prompt Timeout
 - 7. CLR Key Activation
 - 8. Info
- 4. Language
- 5. Location
- 6. Current Country
- 7. Security
 - 1. Edit Codes
 - 2. Restrictions
 - 3. Phone Lock
 - 4. Lock Phone Now
 - 5. Reset Default
 - 6. Restore Phone
 - 8. System Select
 - 9. NAM Select
- 7. Call Settings**
 - 1. Answer Options
 - 2. End Call Options
 - 3. Call Forwarding
 - 4. Show Dialpad
 - 5. Auto Retry
 - 6. TTY Mode
 - 7. One Touch Dial
 - 8. Voice Privacy
 - 9. DTMF Tones
 - 10. Assisted Dialing
- 8. USB Mode**
- 9. Memory**
 - 1. Save Options
 - 2. Phone Memory
 - 3. Card Memory
- 0. Phone Info**
 - 1. My Number
 - 2. SW/HW Version
 - 3. Icon Glossary
 - 4. Software Update
- *. Set-up Wizard**

Menu Access


Menu Access

The Menu Quick Key  provides access to the phone's main menu. To access the main menu, unlock the phone first by pressing the Unlock Key () on the right side of your phone or sliding the Unlock icon  to the right. Touch the Menu Quick Key  at the bottom of the screen to open the main menu.

The main menu is displayed as shown below. Touch any of the menu icons with your fingertip to open that menu.



Shortcuts Menu

The Shortcuts Menu allows quick, direct access to several frequently used features from the touch screen. Up to 8 different shortcuts can be set. To access the Shortcuts Menu, unlock the touch screen, then touch the **Shortcuts Menu** icon  along the left side of the screen. By default, the shortcuts below are provided, but you can customize them to your preferences.



Clock Widget



Calendar Widget



Memo Widget



Alarm Clock



Drawing Pad



TXT Msg



Games



My Pictures





Remove

Quick Access to Convenient Features

Lock Mode

Sets your phone to require a 4 digit password in order to use the phone.

To set Lock Mode on, touch  Menu ->  Settings -> Phone Settings -> Security -> Enter the Phone Lock Code -> Lock Phone Now.


Quick Volume Adjustment



Quickly adjust the Master Volume and Earpiece Volume by pressing the upper Volume Key to increase and lower Volume Key to decrease.


NOTE The Earpiece Volume can only be adjusted by the Volume Keys during a call.

NOTE To turn sounds off, unlock the phone, press and hold the lower Volume Key for 3 seconds, then press and hold the upper Volume Key to return to Normal Mode.

Vibrate Mode

Sets the phone to vibrate instead of ring ( is displayed on the Notifications bar).

To set Vibrate Mode, touch the Phone Quick Key  to display the dialpad, then touch and hold the Pound Key .

To return to Normal Mode, touch and hold the Pound Key  again.



Call Waiting

During a call, one beep indicates that you have another incoming call.

Ignoring a Call Waiting


If you don't want to answer the incoming call, touch **Ignore** on the touch screen. The Call Waiting beep stops and the call goes to your voicemail, if available.

Answering a Call Waiting

1. Press the Send Key , to automatically put the first call on hold and answer the new call.
2. Press the Send Key  again, to put the second call on hold and return to the first caller.

Voice Commands




Voice Commands allow you to do things by verbal command (e.g., make calls, check Voicemail, etc.). For more information, see page 83.

1. With the touch screen unlocked, press the **Clear / Voice Commands Key**  once (an extended press activates the Voice Recorder feature instead).
2. Follow the prompts to use your voice command(s).

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




Contacts in Your Phone's Memory

Storing Basics

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Contact Quick Key** .
3. Touch **New**.
4. Touch an information field and use the keypad to enter the necessary information. Then touch **DONE**. Do this for each field you want to enter.




5. When all fields are complete, touch **SAVE**.

OR

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Phone Quick Key**  to display the Dialpad.
3. Use the Dialpad to enter the phone number and touch **SAVE**.





4. Touch **Add New Contact/ Update Existing**.
5. Touch **Mobile 1/ Home/ Business/ Mobile 2/ Fax**.
6. Enter information into the remaining fields, as necessary, and touch **SAVE** to save.

Changing Contact Entries

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Contacts Quick Key** .
3. Touch the Contact you want to customize.
4. Touch **EDIT**, touch and edit the fields you want to change then touch **DONE**.
5. Touch **SAVE** when you finish editing the contact to save the entry.






Speed Dials

Allows you to set up your Speed Dials.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Contacts Quick Key** .
3. Touch the Contact you want to set with a Speed Dial, then touch **Options** .
4. Touch **Set Speed Dial**, then touch the phone number to set with a Speed Dial, if applicable.
5. Touch an unassigned Speed Dial number.
6. Touch **Yes** to confirm.




Storing a Number with Pauses

Pauses allow you to enter additional series of numbers to access automated systems such as Voicemail or credit billing numbers. Pause types are: Wait (W) The phone stops dialing until you touch **RELEASE** to advance to the next number. 2-Sec Pause (P) The phone waits two seconds before sending the next string of digits automatically.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Phone Quick Key** .
3. Use the Dialpad to enter the number, then touch **Options** .
4. Touch **Add 2-Sec Pause/ Add Wait**, then enter the additional numbers.
5. Touch **SAVE** , then complete the Contact entry as necessary.

Deleting

Deleting a Contact Entry

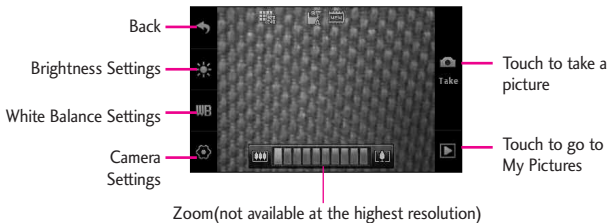
1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone.
2. Touch the **Contacts Quick Key** .
3. Touch the Contact you want to delete.
4. Touch **ERASE**.
5. Touch Yes.

Camera Features


The built-in 1.3 MP camera is complete with features for superior photo capabilities with various options, effects, and controls.

Camera Settings

The images below show how to access the camera settings.



Options in Camera Mode

 **Brightness Setting** Touch the level of brightness you want.

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

 **Camera Settings**

Allows you to configure the following camera settings:

Resolution:

1280x960/ 640X480 / 320X240

Keep in mind that higher resolution uses more memory. Zoom is not available if set to the highest resolution.

Shutter Sound: Shutter/ No Sound/ Say "Cheez"/ Ready 1-2-3

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

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


Night Mode: On/Off

Noise Reduction: On/Off

Auto Save: On/ Off

Save Option: Internal/ External


Picture Editing




With the Cosmos™ Touch's many picture editing features, you have endless possibilities in creating fun pictures. To edit while viewing a picture, touch **Options** , then touch Edit.


Editing Touch Keys




Drawing





1. Touch the **Drawing Key** . The following options are available:


-  **Pen:** Allows you to draw on the image using your finger (or a stylus).
-  **Eraser:** Allows you to erase the Pen drawings with your finger (or a stylus).
-  **Settings:** Allows you to configure the color and width for the Pen. Also allows you to set the Eraser width.

2. Press  **Save** to save and exit.


Composition

1. You can change the photo's composition. Touch the **Composition Key** . The following options are available:

-  **Zoom:** Allows you to zoom in/out.
-  **Rotate:** Allows you to rotate the image 90 degrees at a time.
-  **Crop:** Allows you to crop the image. Once you select an area to crop, touch the **Composition Key**  to finalize cropping.




2. Press  **Save** to save and exit.

Adjustments

Improve your photos by adjusting Contrast, Sharpness, Blur or Brightness. Touch the Adjustments Key , then use the scroll bar to adjust each setting.





Frames and Stamps

The Cosmos™ Touch has multiple frames and stamps to choose from to enhance your pictures.

1. Touch the **Overlay Key** . The following options are available:
 -  **Stamp**: Allows you to use stamps to enhance your image.
 -  **Frame**: Allows you to use a frame for your image.
2. Touch  **Save** to save the image and exit.

My Verizon


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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **My Verizon** .

Messaging



The phone can store up to 690 (depending on message sizes, less may be available) messages. The information stored in the message is determined by phone mode and service capability. Other limits to available characters per message may exist. Please check with your service provider for system features and capabilities.

SHORTCUT

Simply touch the Messages Quick Key  from the Home screen.

New Message Alert

Your phone will alert you when you have new messages.

1. The phone displays a message on the screen.
2. The message icon  is displayed on the Notification bar. In the case of a high priority message,  is displayed.





1. New Message

Allows you to send messages (Text, Picture, and Voice). Each message can have multiple destination addresses and can contain various

items of information. These are dependent upon the type of message you want to send.

1.1 TXT Message

Sending a Basic Message


1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Messaging** .
3. Touch **New Message**.
4. Touch **TXT Message**.
5. Touch **New #** to enter the recipient's phone number or email address using the touch keys, then touch **DONE**.
6. Touch the **Text field** to enter your message using the keypad or touch **PEN** to write in your message. Please note that you can also slide open the QWERTY keyboard and use it to enter text. When finished entering text, touch **DONE**.
7. Touch **SEND** to send the message.

Other Message Options


Entering saved addresses in the To: field

1. With the QWERTY keypad open, touch **Favorite**, touch **Contact**, or touch **Soc.Net**.

 - **Favorite** Your list of Favorite Contacts is displayed. Select the one(s) to send a message to.
 - **Contact** Your Contact List is displayed. Select the ones you want to send a message to.
 - **Soc.Net** Select Facebook, MySpace, or Twitter. Your text message will update your status.

NOTE To copy a destination address from recent calls or Groups, touch **New #**, touch **Options** , then touch **Recent Calls** or **Groups** and choose a destination.

The Text Field Options

1. Touch the Text field, then touch **Options** .
2. Select from the following options.

NOTE Options are dependent on the message type and current field.

Insert Quick Text Allows you to insert a quick text. See page 55 for more information.

Save As Draft Saves the message into the Drafts folder.

Add Allows you to add a Graphic, Animation, Sound, Name Card, or Contact Number/Email.

Copy Text Allows you to copy text you highlight to paste it into a text field.

Paste Will paste the copied text.

Format Text Allows you to change the look of the text. **Alignment/ Font Size/ Font Style/ Text Color/ Background**


Priority Level Allows you to set the priority level for the message.

High/ Normal



Callback # Inserts a pre-programmed callback number with your message. **On/ Off/ Edit**

Save Quick Text Allows you to add the text entered as a Quick Text.

Cancel Message Cancels message editing and returns to the New Message menu.

3. Complete and then send the message by pressing the Send Key  or touching **SEND**.

1.2 Picture Message

1. Unlock the touch screen by dragging **UNLOCK** to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch **Messaging** .

3. Touch **New Message**.

4. Touch **Picture Message**.

5. With the QWERTY keypad open, enter the destination address(es) by touching **Favorite** to copy the address from your Favorites, **Contact** to copy the address from your Contact List, **New #** to manually enter the address, or **Soc.Net** to update your Facebook or MySpace.

6. Touch **DONE** after entering the recipient(s) (up to 20).

7. Touch the Text field, then type your message with the touch keypad.

8. Touch the Picture field. The pictures in your phone will display. To select a picture, simply touch it, then touch **SELECT**.

9. Touch the other fields to enter any other information you would like to send to the recipient.

10. Touch **SEND** to send the message.

Other Picture Message Options


Using the To: Field Options

1. Touch **New #**, then touch **Options** .

2. Select from the following options:

From Contacts/ Recent Calls/
Favorites/ Groups/
To Online Album/ Social
Networks

Using the Text or Subject Field Options

1. Touch the Text or Subject field, then touch **Options** .
2. Select from the following options:

Preview Displays the Picture message as it would be seen by the recipient.

Save As Draft Saves the message into the Drafts folder.

Copy Text Allows you to copy text you highlight to paste it into a text field.

Paste Will paste the copied text.

Insert Quick Text Allows you to insert a quick text.

Add Slide Inserts a slide to add multiple pictures and sounds into a picture message.

Priority Level Allows you to set the priority level for the message.

High/ Normal


Callback# Inserts a pre-programmed callback number with your message.



On/ Off/ Edit

Cancel Message Cancels message editing and returns to the New Message menu.

Adding Slides to Your Picture Message







When you want to send multiple pictures and sounds, use the **Add Slide** option. This allows you to create one picture message with multiple pictures and sounds attached to it.

1. Create a new picture message.
2. Add a picture or sound to your message.
3. Touch the **Next Slide Key**  at the top of the screen.
4. Add another picture or sound file to the new slide.

5. Repeat adding slides, text and pictures as necessary. Touch the **Previous Slide / Next Slide Keys**  /  to scroll through the slides attached to your picture message.
6. Complete the message then send it.

1.3 Voice Message

The Basics of Sending a Message



1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Messaging** .
3. Touch **New Message**.
4. Touch **Voice Message**.
5. Touch  to start recording your message.
6. Touch  to end recording.

7. With the QWERTY keypad open, enter the destination address(es) by touching the **Favorite** to copy the address from your Favorites, **Contact** to copy the address from your Contact List, **New #** to manually enter the address, or **Soc.Net** to update your Facebook or MySpace.
8. Touch **DONE** after entering recipient(s) (up to 20).
9. Touch the Text, Name Card, and/or Subject fields to add additional information to your message.
10. Touch **SEND** to send your message.





2. Messages

When your phone receives a message, you are alerted by:

- A notification message on the screen.
- An alert tone and/or vibration, depending on your volume settings.

If you don't respond to the notification within a few minutes, the notification message disappears and the New Message icon  is displayed on the Notification bar instead ( indicates a high priority message). You can choose to view your messages by the time received (sorted into Inbox and Sent folders) or by Contact (all messages in one folder sorted by address).





To change the message view:

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Messaging** .
3. Touch **Settings**.
4. Touch **Messages View**, then touch a setting.


Time / Contact

5. Touch **SAVE**.

Viewing Your Messages

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Messaging** .
3. Touch **Messages** (or **Inbox**, depending on your Messages View configuration).
4. Touch a message conversation, then touch a message entry.
5. Options available for a received message:
 - **REPLY**, to reply to the message.
 - **ERASE**, to erase the message.
 - **FWD**, to forward the message.

Messaging






- Touch Options  for the following options:

Text : Reply with Copy/ Save Quick Text/ Lock/Unlock/ Add to Contacts/ Extract Address/Message Info

Picture/Voice : Play Again(with sound/ with multiple slides)/ Forward/Reply with Copy/Save Picture(with picture)/Save As Ringtone(with sound)/ Save Sound(with sound)/Save Quick Text/ Save Name Card(with Name Card)/ Lock(Unlock)/ Add To Contacts/Extract Address/Message Info





Message Icon Reference


-  New TXT Message
-  TXT Message Read
-  Media Message Unread
-  Media Message Read
-  Message Delivered
-  Message Delivered
-  Message Failed
-  Pending Message

-  Multiple Messages Delivered
-  Multiple Messages Failed
-  Multiple Messages Delivery Incomplete
-  High Priority
-  Locked

3. Drafts

Your phone allows you to save Drafts of messages. When Drafts are saved, they are saved in the Drafts folder.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **Messaging**  .
3. Touch **Drafts**.
4. Touch a message entry.
5. The following options are available:
 - Touch **SEND** to send the message.

- Touch Options  for the following additional options:

Text: Preview/ Save As Draft/
Priority Level/ Callback #

Picture: Preview/ Save As
Draft/ Add Slide/ Priority
Level/ Cancel Message

Message Icon Reference




 TXT Message Draft

 Media Message Draft

4. Voicemail

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


Checking Your Voicemail Box

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch Messaging .





3. Touch Voicemail.

4. The following options are available:

- Touch **CLEAR** to clear the Voicemail counter.
- Press the **SEND Key**  or touch **CALL** to listen to the message(s).

5. Mobile IM





Allows you to send and receive an Instant Message at any time.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch Messaging .
3. Touch Mobile IM.

Please note that you may need to download and set up the **Mobile IM** program before using it for the first time.

6. Social Beat

Allows you to stay connected with your friends using **Facebook, MySpace, Twitter, Gmail, Google Talk** and stay up-to-date with top news and entertainment sites.





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Messaging** .
3. Touch **Social Beat**.

Please note that you may need to download and set up the **Social Beat** program before using it for the first time.

7. Mobile Email

Allows you to send and receive email easily from your phone. Email contains several applications downloadable from the Messaging Menu. Don't miss an important email. Thanks to mobile Email, you can get your emails on your phone, while you're on the go. Mobile Email works with many providers, including Yahoo!, AOL, Verizon.net and more. You can receive alerts





from your **Cosmos™ Touch** when new email has arrived.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Messaging** .
3. Touch **Mobile Email**.

Please note that you may need to download and set up the Email programs before using them for the first time.


8. Social Networks

Social Networks allows you to easily update your social networking accounts, providing access to Facebook, MySpace, Twitter, and more*. Check with your Service Provider for details.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Messaging** .
3. Touch **Social Networks**.

4. Select the social network provider option to complete your update.

NOTE

For more information, access 'Help' for each Social Networks Message option. (Messaging -> Social Networks -> Options  -> Help).

*Social Networks Options

Facebook

Status Updates: Sends a text message to Facebook that updates your status, from your phone. Please note that you first need to visit facebook.com/mobile, and follow the activation instructions.


Picture Upload: Uploads a picture to Facebook from your phone. You need to first activate at facebook.com/mobile and register your phone.

Wall: To post on someone's wall, first visit facebook.com/mobile and follow the instructions to register your phone. Text Message charges will apply. To post on your friend's wall, their name in your Contacts should match their user name on Facebook.

Message: To send facebook message, first visit facebook.com/mobile and follow the instructions to register your phone. Text message charge will apply. To send a Facebook message to your friend, their name in your Contacts should match their user name on Facebook.

MySpace

Status Updates: Sends a text message to MySpace that updates your status. To update your MySpace status, first activate your phone at myspace.com/mobilesettings and follow the instructions.

Picture Upload: To upload pictures to MySpace, first activate your phone at myspace.com/mobilesettings from the PC and follow the instructions. MySpace will assign a unique address for your pictures. Edit the MySpace picture upload link on your phone by going to Menu > Messaging > Social Networks > Options  for MySpace (picture) > Help.





Twitter

To update Twitter from your phone, first activate your phone by sending a message to Twitter(40404) with only your Twitter ID.

NOTE The normal messaging charges will apply.

9. Settings

Allows you to configure settings for your messages.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch Messaging .
3. Touch Settings.

Message Settings Sub-Menu Descriptions

1. Messages View

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

2. Entry Mode

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

3. Text Entry Settings

Allows you to activate/deactivate the text entry settings **Show Candidate**, **Word Correction**, or **Word Prediction**.

4. Auto Save Sent

Select **On** to automatically save your Sent messages.

Select **Off** if you don't want to save them.

Select **Prompt** to be asked whenever a new message is sent.

5. Auto Erase Inbox

Select **On** to automatically delete read messages when you exceed the storage limit.

6. Message Font Size

Select to display the received messages in Small or Large font.

7. TXT Auto View

Select **On** to automatically display message content on the screen. Select **On + Readout** to automatically display content and read it aloud.

Select **Off** for more security and privacy by requiring the message to be opened to view it.

8. TXT Auto Scroll

Select **On** to automatically scroll text down while viewing messages.

9. Multimedia Auto Receive

Select **On** to automatically download attachments to Multimedia messages.

10. Quick Text

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

11. Voicemail

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

12. Callback

Select **On** to automatically send a designated callback number with your messages. You can also edit this number.

13. Signature





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

14. Delivery Receipt

When set to **On**, the phone will indicate Sent messages as having been successfully delivered. Please see page 50 for the icon indicating a "Message Delivered".

10. Erase Options

Allows you to erase all messages stored in your Inbox, Sent, or Drafts folders. Or, to erase all messages at once.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Messaging** (.
3. Touch **Erase Options**. The options available are:

**Erase Sent/Received/
Erase Drafts/ Erase All
Messages**

NOTE Message View setting (Time or Contact), affects the Erase Message submenu names, but nonetheless they function the same.



Contacts

Contacts

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

1. New Contact

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

1. Unlock the touch screen by dragging **UNLOCK** to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch **Contacts** ().

3. Touch **New Contact**.



4. Enter the name and other contact information for each field.

• Touch a field, enter information, then touch **DONE**.

5. Touch **SAVE** to save the information.

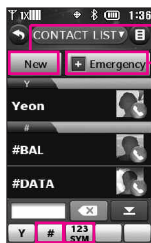
2. Contact List

Allows you to view your Contact List.

1. Unlock the touch screen by dragging **UNLOCK** to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch **Contacts** ().


3. Touch **Contact List**.





Add a new contact.

In Case of Emergency: Touch to view and/or call your emergency contacts.

ABC / 123/SYM Mode Toggle Key
Direct search touch keys. For example, touch the Pound Key # to display entries that begin with #, touching a letter will display entries that begin with that letter, etc.





NOTE From the Contact List, touch Options . Then touch Erase. With this menu you can erase multiple contacts at the same time. Select (mark) the Contacts you want to delete then touch **Erase**.

4. Touch a Contact entry.
5. The following options are available.
 - Touch **ERASE** to erase the Contact.
 - Touch **EDIT** to edit the Contact.
 - Touch **MESSAGE** to send the Contact a message.
 - Touch Options  to select one of the following:
Send Name Card/ Set As Favorite/ Set As ICE Contact/ Set Speed Dial/ Remove Speed Dial/ Copy/ Copy All
 - Press the Send Key  to call the contact.

3. Backup Assistant




Backup Assistant safeguards your mobile phone's address book by automatically saving a copy of the names, phone numbers, and email addresses stored in your phone. You can also view, print, add, delete, and edit your contacts online. If you lose, damage, or upgrade your phone, Backup Assistant will restore your Contact List to a new or replacement phone. Additional fees may apply. See brochure for details.

NOTE To use the Backup Assistant service, you are required to activate the service from your phone.

1. Unlock the touch screen by dragging  to the right or press the Unlock Key () on the right side of your phone and touch the Menu Quick Key .
2. Touch Contacts .
3. Touch Backup Assistant.
4. Follow the instructions to download the application.

4. Groups


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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.


2. Touch **Contacts** .


3. Touch **Groups**.

4. The following options are available:

- Touch **Options**  for the following options:

Touch **Manage Groups** to edit, erase or send the group contacts as name cards (feature may not be supported by/compatible with all carriers).





- Touch **NEW GROUP** to add a new group to the list.
- Touch a group with at least one member in it, then touch **Options**  to select **Mark All / Unmark All / Remove All**.

Once one or more contacts are marked, touch **Options**  to select one of the following options:

Remove/ New TXT Message/ New Picture Message/ New Voice Message/ Mark All/ Unmark All/ Remove All

5. Speed Dials





Allows you to view and manage your list of Speed Dials for numbers entered in your Contacts.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Contacts** .
3. Touch **Speed Dials**.





4. Touch an unassigned Speed Dial position.
5. Touch an unassigned Contact you wish to assign a Speed Dial.
6. Touch the Contact number you want to assign (if applicable), then touch Yes.

6. In Case of Emergency (ICE)

This menu allows you to store names, phone numbers and other information, which could be helpful in case of an emergency.





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Contacts** .
3. Touch **In Case of Emergency**.
4. Touch **Contact 1**, **Contact 2** or **Contact 3**.
5. Select a source for the ICE contact: **From Contacts**, **From Favorites** or **New Contact**.
Touch a **Contact** entry or create the entry.
6. The generic **Contact** label changes to the specified name.

Entering Your ICE Personal Info

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Contacts** .
3. Touch **In Case of Emergency**.
4. Touch **Personal Info**.
5. Touch one of the **Note** entries.
6. Enter information that would be helpful in an emergency (e.g., your medical record number), then touch **SAVE**.

7. My Name Card

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





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Contacts** .
3. Touch **My Name Card**.
4. Touch **EDIT**.
5. Enter your information as necessary, then touch **SAVE**.

Recent Calls

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

1. Missed


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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Recent Calls** .
3. Touch **Missed**.
4. Touch a Missed Call entry to view the entry. The following options are available:

- Touch **CALL** to place a call to the number.
- Touch **MESSAGE** to send a message.
- Touch **CONTACT INFO** to view the caller's contact entry.

OR




Touch **SAVE** to save the contact information into your Contact List.

- Touch Options  for the following options:

Save To Contacts (Contact info) / Erase/ Lock(Unlock)/ View Timers

2. Received

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch **Recent Calls** .

3. Touch **Received**.

4. Touch a Received Call entry to view the entry. The following options are available:


- Touch **CALL** to place a call to the number.

- Touch **MESSAGE** to send a message.

- Touch **CONTACT INFO** to view the caller's contact entry.

OR





Touch **SAVE** to save the call information into your Contact List.

- Touch Options  for the following options:

Save to Contacts (Contact info) / Erase/ Lock(Unlock)/ View Timers

3. Dialed


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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Recent Calls** .
3. Touch **Dialed**.
4. Touch a Dialed Call entry to view the entry. The following options are available:

- Touch **CALL** to place a call to the number.
- Touch **MESSAGE** to send a message.
- Touch **CONTACT INFO** to view the caller's contact entry.





OR

touch **SAVE** to save the call information into your Contact List.

- Touch **Options**  for the following options:
Save to Contacts (Contact info) / Erase/ Lock(Unlock)/ View Timers

4. All

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


1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Recent Calls** .
3. Touch **All**.

4. Touch a Call entry to view the entry. The following options are available:

- Touch **CALL** to place a call to the number.
- Touch **MESSAGE** to send a message.
- Touch **CONTACT INFO** to view the caller's contact entry.


OR

Touch **SAVE** to save the call information into your Contact List.

- Touch Options  for the following options:




Save to Contacts (Contact info) / Erase/ Lock(Unlock)/ View Timers

SHORTCUT

To quickly view a list of all your recent calls, press the Send Key  from the Home screen.


5. View Timers

Allows you to view the duration of the different call types. Also allows you to view Data counters.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch **Recent Calls** .

3. Touch **View Timers**.

4. Touch  next to a call list to reset it. Timers and Counters available are:

Last Call/ All Calls/ Received Calls/ Dialed Calls/ Roaming Calls/ Transmit Data/ Received Data/ Total Data/ Last Reset/ Lifetime Calls/ Lifetime Data Counter

5. To reset all the recorded timers at once, touch the **Reset All Key**



NOTE Not all Timers can be reset.

Media Center

Media Center gives you customizable service right on your wireless device that lets you get ringtones, play games, surf the web, get up-to-the-minute information and more. Visit verizonwireless.com/getitnow to view all of the applications available for your wireless device.





NOTE The touch screen automatically accomodates incoming calls while you are playing music, browsing the net, or using VZ Navigator. The touch screen unlocks for you to answer the call, and if you answer the call, it pauses the player/feature until you end the call.

Anything Unclear?

From the Media Center menu, touch **Info** to see the Memory, View Log, Help and About sections. Use the Help option to view information about buying and removing applications and much more.

1. Search





Refer to page 83 for more information.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Media Center** .
3. Touch **Search**.

2. Music & Tones

Listen to your music, and personalize your phone with ringtones. A wide variety of choices are available to you, such as current hits, pop, hip-hop, and more.

Access and Options

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Media Center** .
3. Touch **Music & Tones**.




About Music Only Mode


Music Only mode allows you to listen exclusively to your music (as you do with MP3 players). Set Music Only mode to On if you don't want your listening enjoyment to be interrupted by calls.

1. Access **Music & Tones** (by following the steps in the previous instructions).
2. Touch **My Music**.
3. Touch **Music Settings**.
4. Touch **Music Only**, then touch **On**.

2.1 Get New Ringtones





Allows you to connect to Media Center and download various ringtones.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch **Media Center** .
 3. Touch **Music & Tones**.
 4. Touch **Get New Ringtones**.
 5. Touch a ringtone download application.
- **Get New Applications** Allows you to download other Ringtone Downloading Applications.





2.2 Get Ringback Tones

Allows you to connect to Media Center and download various ringback tones.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Media Center** .
3. Touch **Music & Tones**.
4. Touch **Get Ringback Tones**.

2.3 My Ringtones

Allows you to set a ringtone or download a new one.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Media Center** .
3. Touch **Music & Tones**.
4. Touch **My Ringtones**.
5. Touch a ringtone to select it.

NOTE Touch  to play the ringtone.

6. Set the selected tone as:
Ringtone/ Contact ID/ Alert Sounds
- **Ringtone:** Set as a Ringtone for incoming calls.
 - **Contact ID:** Allows you to set the Ringtone to notify you when a specific Contact is calling you.

- **Alert Sounds:** Allows you to set the ringtone to notify you whenever a new TXT Message, Multimedia Message and/or Voicemail is received.





2.4 My Music

The Cosmos™ Touch allows you to store and to listen to music right from your phone.

NOTE Storage availability depends on the size of each file as well as memory allocation of other applications.

SHORTCUT

Touch the **Menu Quick Key** () and then touch **My Music** .

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Media Center** .
3. Touch **Music & Tones**.
4. Touch **My Music**.

5. Touch one of the following submenus.

**All Songs / Playlists / Artists/
Genres/ Albums/Manage My
Music/ Music Settings**

6. Touch the name of the song you want to hear to start the music player.

Playing Your Music

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

Music Player Controls

All Songs

Allows you to view all of your songs alphabetically. Touch a song to play it.

Playlists

Allows you to view and play your songs by playlist.

Playlists can be created on PC and transferred to your phone.

It is also possible to create playlists on your phone and playlists can be managed (add and delete songs) from where they were created.

Artists

Allows you to view and play your songs grouped by artist.

Genres

Allows you to view and play songs grouped by genre.

Albums

Allows you to view and play songs grouped by album.


Manage My Music


Allows you to manage your music files. (Erase/ Move to Card/ Move to Phone/ Lock/ Unlock)

Music Settings


- **Repeat:** Allows you to set one of the following modes:


Repeat All  : Repeats the song list once the last song is played.



Repeat One  : Plays the selected song repeatedly.

Repeat Off  : Plays all songs in the list once, then stops and exits the Music Player.

- **Shuffle:**

Shuffle On  : Shuffles music files in the songs list and plays them in random order.

Shuffle Off  : Plays the music files in the order in which they are displayed.

- **Music Only**  : When Music Only is set to On.  is displayed on the top-left corner of the LCD screen.

On : Allows you to listen exclusively to your music (as you do with MP3 Players) without being interrupted by calls.



Off : Wireless communications are once again enabled.

Music Player Controls







Controlling the Music Player

While listening to your music, use the following to control the Music Player:

- **Options** : Allows you to choose from the following:
Exit Player/ Music Only Mode/ Add To Playlist/ Song Info
- **Volume Keys** : Adjust the volume.

2.5 My Sounds

Allows you to select saved sounds or to record a new sound.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .
3. Touch **Music & Tones**.
4. Touch **My Sounds**.

5. Touch **RECORD NEW** or touch a sound file to listen to it.

The following options are available for pre-loaded sounds:

Set As/ Send/ To Online Album/ Erase All/ File Info

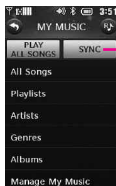
The following options are available for user-recorded sounds:

Set As/ Send/ To Online Album/ Erase/ Rename/ Move/ Lock/ Erase All/ File Info

2.6 Sync Music

Allows you to synchronize your music between your PC and your phone. Transfer music files from your PC into your phone's memory or microSD™ memory card (sold separately).

NOTE A compatible USB cable is required for syncing.



Touch here for Sync Music.

USB Autorun

USB Autorun is a feature that allows a Cosmos™ Touch to connect to a PC using a USB cable and sets up the phone on a PC without a physical CD-ROM.

- Automatically installs the LG USB Modem Driver and EUT (End User Tool).
- Allows the phone to be used as a Mass Storage device when a microSD card is present in the Cosmos™ Touch. It allows transfer of unprotected content from phone to PC and vice versa.
- To select the USB mode, drag **UNLOCK** to unlock the screen and touch the **Menu Quick Key**, **Settings**, then **USB Mode**. You can then choose from the following modes: **Media Sync Mode**, **Mass Storage**, **Modem Mode** or **Ask On Plug**. Choose **Mass Storage** to connect PC for Autorun.

- NOTES**
- USB Autorun only works with Windows® XP, Window 7 and Vista™ operating systems.
 - Log on to the PC as Administrator. Non-Administrator accounts have insufficient privilege to install USB Modem driver and don't run Autorun feature.
 - Do not unplug USB cable during Autorun.

Autorun automatically installs EUT(End User Upgrade Tool) & the USB device driver for every USB mode.

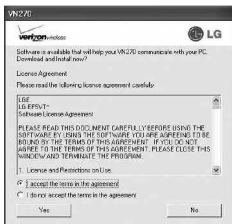
Autorun is not available when:

- Phone is booting (powering up).
- Using Call, Browser, Brew, Message (MMS and SMS) sending, camera, USB mass storage, Sync Music, Bluetooth data.
- PC operating system is not set to Autorun (automatic execute command).

- When PC operating system is not set to Autorun, follow the steps below.
 - From the desktop, double-click the CD-ROM Drive and when the CD is running, double-click the LG Autorun application (TL_Bootstrap.exe).
 - To set the Autorun in Windows® Vista and Window 7, go to Control Panel > AutoPlay> Software and games > Install or run program.

Step 1. Connecting the Phone to the PC

- Connect your phone to your PC with a compatible USB cable (supplied) and LG Autorun starts automatically.
- Click 'I accept the terms in the agreement' and 'Yes'.

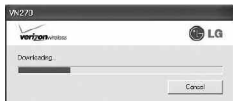


- NOTE**
- Autorun does not support MAC OS.
 - Without the Autorun, Release notes for USB Autorun would pop-up as shown for Windows® XP, Windows®7 and Windows® Vista.

- The 'USB Autorun' feature works only under the Administrator account. The installer has insufficient privilege under the Non-Administrator account. Log on as Administrator.

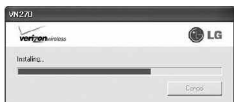


Step 2. Downloading the LG USB Modem Driver and EUT.



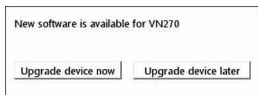
- NOTES**
- If previous version of LG USB Modem Driver is installed in the computer, it will be updated to the recent version of the Driver.
 - If recent version of LG USB Modem Driver is installed in the computer, LG Autorun skips 'Step 2.'

Step 3. Installing the LG USB Modem Driver and EUT.



EUT Step 1 Software upgrade case using EUT.

You are allowed to upgrade software for your phone using EUT (End User Upgrade Tool).



NOTE If connection is not available to the internet, the device is switched back to the user set mode.



EUT Step 2 Upgrade Application: Checking device information



EUT Step 3 Upgrade Application: Initial page



NOTES

- If you click Upgrade Button, Upgrade will be started.
- If you click Close, this window will be closed.

EUT Step 4 Upgrade Application: Upgrade process

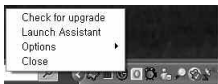


NOTE During the upgrade, the progress bar and time remaining are displayed.

Monitoring Application: VZW Software Upgrade Assistant



NOTE In the Windows' system tray, "VZW Software Upgrade Assistant – LG" is running.







NOTES Click the right mouse button to display a the menu.

- 1) Check for upgrade : Checks for new device software on the web server.
- 2) Launch Assistant : Manually executes Upgrade Application.
- 3) Options : Choose Enable/Disable Auto Check for upgrades.
- 4) Close : Quit Upgrade Assistant.

3. Picture





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

Access and Options

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .
3. Touch **Pictures**.
4. Touch a submenu.

3.1 Get New Pictures

Allows you to connect to Media Center and download a variety of images for My Pictures.





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .
3. Touch **Pictures**.
4. Touch **Get New Pictures**.





5. Touch **Get New Applications** for the available picture downloading applications.

3.2 My Pictures

Allows you to view pictures stored in the phone.


SHORTCUT

Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone, touch the **Shortcuts Menu** icon , then touch **My Pictures** .

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .
3. Touch **Pictures**.
4. Touch **My Pictures**.
5. Touch your desired picture.

The following options are available:

- Touch **SEND** to send a picture by message, to your online album, social networks or via Bluetooth.

- Touch **ERASE** to erase picture.
- Touch **Options**  for the options below:

Options for Standard Images:

Set As Wallpaper/ Picture ID

Take Picture Opens the Camera function and allows you to take a picture.

Get New Pictures Opens the Get New Pictures menu in the Media Center.

Slide Show Allows you to view the picture gallery as a slide show.

Edit To edit the image.

Rename To rename the image.

File Info Allows you to view file information, such as name, date, time, and more.

Options for Wallpaper Images:

Take Picture/ Get New Pictures/ Wallpaper

Options for Images with DRM:

Set As/ Take Picture/ Get New Pictures/ Slide Show/ File Info

3.3 Take Picture

Take pictures straight from your phone.







TIPS

- To take a clear picture, set the proper brightness level and zoom before taking the picture. Zoom is not available at the highest picture resolution.
- Avoid jolting the camera.
- Wipe the camera lens with a soft cloth.

SHORTCUTS

Press the Camera Key () from the Home screen to open the Camera function.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .

3. Touch **Pictures**.
4. Touch **Take Picture**.
5. Touch the screen to set camera options. For more information on how to use the camera, see the Camera section on page 41.

- Select the option(s) to customize.

Brightness Allows you to set the brightness.

White Balance Auto/ Sunny/ Cloudy/ Fluorescent/ Glow

Resolution 1280X960/ 640X480/ 320X240

Shutter Sound Shutter/ No Sound/ Say "Cheez"/ Ready!123

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


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

Night Mode On/ Off

Noise Reduction On/ Off





Auto Save On/ Off

Save Option Internal/ External

6. Touch  to take the picture.
7. Touch **Save** to save the picture to My Pictures or touch **Erase** to erase it. Touch **Send** to send a picture message.

3.4 Online Album





Lets you save your pictures to Online Albums that make it easy to save, organize and share all your pictures.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .
3. Touch **Pictures**.
4. Touch **Online Album**.
5. Login to access your Online Album.





4. Games

Allows you to play games as well as download new games and applications from the Media Center server.


4.1 Get New Applications

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .
3. Touch **Games**.
4. Touch a game to play or touch **Get New Applications**.

5. Mobile Web





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Media Center** .
3. Touch **Mobile Web**.

SHORTCUT

Pressing the Directional Key  with the QWERTY keypad open is a shortcut to accessing Mobile Web.

6. Browse & Download

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch the **Media Center icon** .
3. Touch **Browse & Download**.
4. Touch an application or touch **Get New Applications**.

Available Applications...

VZ NavigatorSM

VZ NavigatorSM is an application downloadable from the **Browse & Download** menu. Now you can find the address of a great restaurant or the nearest ATM, check movie times, discover the latest hot spots, and know exactly how to get to where you're going. VZ NavigatorSM puts all the advanced features of the latest GPS devices and systems

on your wireless device — at a fraction of the price.

NOTES





- To use VZ NavigatorSM, you must turn Location On (see page 82).
- Download and subscription required for use only in National Enhanced Service Coverage Area, accuracy and completeness of information is not guaranteed; information about location of device will be used to deliver service. Additional fees may apply. See brochure for details or visit www.verizonwireless.com.

Mobile Email

Mobile Email is an application downloadable from the Browse & Download Menu. Don't miss an important email. Thanks to Mobile Email, you can get your emails on your phone, while you're on the go. Mobile Email works with many providers, including Yahoo!, AOL, Verizon.net and others. Get alerts from your CosmosTM Touch when new email has arrived. Additional fees may apply. See brochure for details or visit www.verizonwireless.com.





7. Extras

Allows you to access additional applications to download.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Media Center** .
3. Touch **Extras**.
4. Touch **Get New Applications**.





8. Info

Allows you to access info about Media Center.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Media Center** .
3. Touch **Info**.
4. Touch **Memory/ View Log/ Help/ About**.

My Music




Allows you to store and to listen to music right from your phone. For more details on using this feature, please see the My Music section on page 66.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch My Music .

Mobile Web


The Browser feature allows you to access the internet from your Verizon Wireless device. Access and selections within this feature are dependent upon your service provider. For specific information on Browser access through your phone, contact your service provider.

Launching the Browser

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch Mobile Web .

Ending a Browser Session

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

Browser Navigating

Accessing embedded links and content

Select items or links by touching it on the screen.

Scrolling / Fast Scrolling

Use your fingertip to move the screen contents in the direction you move your finger.

How quickly you move your finger determines the quickness of the scroll.

CAUTION Do not use a sharp item as a stylus because it could scratch your screen.





Search

The Bing Search application provides Verizon Wireless subscribers with a superior, comprehensive mobile search experience that includes highly relevant search results from top quality content sources.

Bing Search develops a user experience that:

- Provides search results from the Web and VZW Downloadable Content catalogs.
- Provides the most relevant set of results from top-quality content sources for the broadest set of mobile queries.

Access





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Search** .

NOTE Standard mobile rates apply. Check with your service provider for details.

Mobile Email

The Mobile Email applications allow you stay connected on the go so you don't miss an important email.

Access





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **Mobile Email**  .

VZ Navigator

The VZ Navigator application allows you to get directions to locations when you're out and about with:

- Voice-prompted turn-by-turn directions with auto-rerouting if you miss a turn.
- The option to view detailed color maps that can be panned and zoomed.
- The ability to find points of interest.


Access

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **VZ Navigator**  .





Tools

Your phone tools include Voice Commands, Calculator, Ez Tip Calculator, Calendar, Alarm Clock, Stopwatch, World Clock, Notepad, Drawing Pad, and USB Mass Storage.


1. Voice Commands

This feature provides you with the following options equipped with AVR (Advanced Voice Recognition) technology. Each option has its detailed information on the phone. To view the option details, touch **Options** , touch **INFO** and then touch the Voice Command option for more information.

Access Voice Commands Settings

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Voice Commands**.

Voice Commands Settings

To customize your voice commands, touch **Options** , then **SETTINGS**.

Confirm Choices Automatic/
Always Confirm/Never Confirm

Sensitivity More Sensitive/
Automatic/ Less Sensitive

Adapt Voice Train Digits/ Train
Words

Prompt Mode Prompts/ Readout
+ Alerts/ Readout/ Tones Only

Audio Playback Speakerphone/
Earpiece


Prompt Timeout 5 seconds/ 10
seconds

CLR Key Activation ON/ OFF

Info Provides additional information
on the Voice Commands settings.

Using Voice Commands

To access the Voice Commands options, see below:

1. From the Home screen, press the **Clear/Voice Commands Key** .
2. When prompted, say the name of the function you wish to use:

1.1.1 Call <Name or Number>

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

1.1.2 Send Msg to <Name or Number or Group>

Say "Send Message" and the voice command will prompt you for the type of message. After choosing the message type, system will ask you for the contact name, number or group. It will automatically start a message. If you say a full-sentence command, such as "Send Message to Bob", it will automatically start a text message without asking for the message type. When using "Send Message" command, speak clearly and say the number, group name, or name exactly as it is entered in your Contact List.

1.1.3 Go to <Menu>

The "Go to" command allows you to access a menu within the phone (for example, "Go to Calendar"). If no menu option is stated, a list of options will be provided.

1.1.4 Check <Item>

The "Check" command allows you to check out a wide range of items, such as: the battery level, signal strength, phone status, volume, missed calls, voicemail, messages, and time and date.

1.1.5 Contacts <Name>

You can look up names in your Contacts (for example, say "Contacts John"). Once a contact's info is read out, you will be prompted for the following options:

Call/ Modify/ Erase/ Create New

1.1.6 Search

The “Search” command activates Bing, an application that allows you to search for information over the internet. You may need to download and install Bing first before using this Voice Command function.

1.1.7 Redial

Allows you to automatically redial the last number called.

1.1.8 Play

Allows you to play songs saved in the phone.

1.1.9 My Verizon







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




1.1.0 Help

Provides a general guideline to using Voice Commands.

2. Calculator





Allows you to perform simple mathematical calculations.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Calculator**.
4. Enter the numbers and operators to get the calculation you want.
5. Touch  to view the result.
6. Touch  to access advanced functions.

NOTE Touch    to add parentheses, or plus or minus functions to the calculation.





3. Ez Tip Calculator

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


1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Ez Tip Calculator**.
4. Enter the variable fields (Total Bill, Tip %, Split).
 - Touch any of the fields, a keypad will appear so that you can enter amounts.
5. The tip amount and individual bill amount will be automatically calculated.
6. Touch **RESET** for another calculation.

4. Calendar

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Calendar**.

TIP

Touch **Options**  to select from the following options: Weekly/ Go To Date/ Go To Today/ Search/ Erase All/ Erase All Old/ Send



4. Touch a day to select it.
5. Touch **ADD** to add an event.
6. Touch the **Subject** field and enter a name or description for the event.
7. Scroll and touch the other **Calendar** setting fields. For each **Calendar** event you can set:
 - Start Time
 - End Time





- Repeat
 - Alerts
 - Vibrate
 - Until
 - Tones
8. Touch **SAVE** when you have completed entering the Calendar event information.

5. Alarm Clock

Allows you to set one of ten alarms. At the alarm time, a notification will be displayed on the LCD screen and the alarm will sound.

SHORTCUT

Unlock the touch screen and touch the Shortcuts Menu icon , then touch Alarm Clock .

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Alarm Clock**.
4. Touch **ADD** to add an alarm (Up to 10 can be added).





5. Touch the following fields to edit the alarm information:

- Set Time
- Repeat
- Ringtone

6. Touch **SAVE** when you have completed entering the Alarm information.





6. Stopwatch

Allows you to use your phone as a stopwatch.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Stopwatch**.
4. Touch **START** to start the stopwatch.
 - **LAP** Records a lap time.
 - **STOP** Stops the stopwatch.
 - **RESET** Resets the stopwatch.
 - **RESUME** Resumes the stopwatch.

7. World Clock





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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **World Clock**.
4. Touch **Select** to zoom in on a country and view the date and time information for cities in that country.
5. Touch **CITIES** to choose from a list of available cities.
6. Touch a city in the list.
The display shows the position of the city on a global map.
7. If you save the particular city, the saved city will appear first when you use open the **World Clock** application.

NOTE Touch **SET DST** to set daylight saving time.










8. Notepad


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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
 2. Touch **Tools** .
 3. Touch **Notepad**.
 4. Touch **ADD** to write a new note.
- NOTE** Touch **Abc** to change the text entry mode.
5. After entering the note, touch **SAVE**.

9. Drawing Pad

This function allows you to draw freely so that you can simply save the image, send it in a message or set it as a Wallpaper.





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Tools** .
3. Touch **Drawing Pad**.
4. Touch **ADD**.
5. Touch the **Color Palette Key**  to choose a color, touch the **Pen Size Key**  to choose the pen size, touch the **Eraser Key**  to choose the eraser size, touch the **Undo Key**  to undo any changes made, and touch the **Save Key**  to save.

6. Once the drawing is saved, touch the drawing to view it. Once opened, you can touch **Options**  to Rename it or to set it as a Wallpaper.

10. USB Mass Storage

This menu allows you to transfer content from your phone to your Windows® XP or Windows Vista™ PC (or vice versa) when your phone is connected via a compatible USB cable. Mac OS is not supported.

NOTE Do not insert or remove the microSD™ card while the PC is playing, deleting or downloading files.

1. Connect your phone to your PC via USB cable. If the Sync Music screen is displayed, touch **Drop** to exit.
2. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
3. Touch **Tools** .

V CAST™ Media Manager

Media Manager lets you move the pictures from the phone to the PC via a USB cable. You can also use Media Manager—which is powered by a customized version of QuickLink Media Software from Smith Micro Software—to transfer unprotected music from your PC to another Media Manager-enabled handset.

* Pictures:

- Save the pictures created with your phone onto your computer
- Transfer files between your computer and your phone
- Touch up your pictures with intuitive editing tools
- Create pictures albums and slideshows
- Email pictures to friends and family

*Music:





- Transfer songs and playlists from your computer to your phone
- Add to your collection by browsing the millions of MP3s in the Verizon Wireless Media store
- Import playlists from other music management applications

NOTE V CAST™ Media Manager could only be used after inserting the microSD card and connecting the phone via USB cable.

Settings

1. My Verizon

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **Settings**  .
3. Touch **My Verizon**.

2. Bluetooth Menu

The Cosmos™ Touch is compatible with devices that support the Bluetooth Headset, Handsfree, Stereo, Phonebook Access, Object Push*, File Transfer, and Message Access profiles**. You may create and store 20 pairings within the Cosmos™ Touch and connect to one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 30 feet (10 meters).

Bluetooth QDID B016934

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

NOTE Your phone is based on the Bluetooth® specification, but it is not guaranteed to work with all devices enabled with Bluetooth® wireless technology. Your phone does not support ALL Bluetooth® OBEX Profiles.





*Contact Name Cards, Calendar events and other non-protected data.

** For vehicle/accessory compatibility go to www.verizonwireless.com/bluetoothchart.

2.1 Add New Device

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








For pairing with a new Bluetooth® device

1. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
2. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
3. Touch **Settings**  .
4. Touch **Bluetooth Menu**.
5. Touch **ADD** .
6. Touch **START** .
7. The device will appear in Add New Device menu. Once it has been located, touch the device.
8. The handset may ask you for the passcode. Consult the Bluetooth® accessory instructions for the appropriate passcode (typically “0000” - 4 zeroes). Enter the passcode or verify that the passcodes match.
9. Once pairing is successful, touch either **Always Ask** or **Always Connect**. (except audio devices)
10. Once connected, you will see the device listed in the phone’s Bluetooth Menu. If your search fails to find any pairing device, or you want to search again, touch **REFRESH** to try again.

Icon Reference in Adding New Device





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

- **Icon References When a Bluetooth® Wireless Connection is found (neither connected nor paired).**

	When an audio device is found by your Cosmos™ Touch device.
	When a PC is found by your Cosmos™ Touch device.
	When a PDA is found by your Cosmos™ Touch device.
	When another phone device is found by your Cosmos™ Touch device.
	When a printer is found by your Cosmos™ Touch device.
	When other undefined devices are found by your Cosmos™ Touch device.
	When a keyboard is found by your Cosmos™ Touch device.

My Device Info



Allows you to view your device's Bluetooth® information and to edit the name of the Bluetooth® device.

1. Unlock the touch screen by dragging **UNLOCK** to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **Settings**  .
3. Touch **Bluetooth Menu**.
4. Touch **Options**  .
5. Touch **My Device Info**.
6. Touch **RENAME DEVICE** .
7. Use keypad to edit the phone's Bluetooth® name and touch **Save** .

Discovery Mode


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

Settings

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Bluetooth Menu**.




TIP


Simply touch **SHOW** to enter Discovery Mode.

4. Touch **Options** .
5. Touch **Discovery Mode**.
6. Touch a setting.
On/ Off


Supported Profiles

Allows you to see profiles that your Cosmos™ Touch phone can support.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Settings** .

3. Touch **Bluetooth Menu**.
4. Touch **Options** .
5. Touch **Supported Profiles**.
6. Touch a Profile for more information about it.

NOTES





- If you want to view your options for a device already in your paired list, touch and hold the name of the device in the list to connect. For a list of pairing options to choose from, touch the **Settings** icon .

3. Sounds Settings

Provides options to customize the phone's sounds.

3.1 Easy Set-up





Allows you to easily set the Sounds settings all from one submenu.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Settings** .
3. Touch **Sounds Settings**.

4. Touch **Easy Set-up**.
5. Follow the prompts to set the Sounds settings for your phone.





3.2 Master Volume

Allows you to set Master Volume settings.





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Master Volume**.
5. Press the Volume Keys or touch the volume bars to adjust the Master Volume.
6. Touch **PLAY** to listen to the volume level.
7. Touch **SET** to save the setting.

3.3 Call Sounds





Allows you to set Call Sounds and Vibration for incoming calls.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Call Sounds**.
5. Touch a Call Sounds submenu.
Call Ringtone / Call Vibrate / Caller ID Readout





3.3.1 Call Ringtone

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Call Sounds**.
5. Touch **Call Ringtone**.
6. Touch a ringtone to set and save.

3.3.2 Call Vibrate

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Call Sounds**.
5. Touch **Call Vibrate** to toggle the setting.
On/ Off

3.3.3 Call ID Readout





1. Unlock the touchscreen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Call Sounds**.
5. Touch **Call ID Readout**.

6. Touch a setting.

**Ring Only/ Caller ID + Ring/
Name Repeat**





3.4 Alert Sounds

Allows you to select the alert type for new messages and other notifications.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Alert Sounds**.
5. Touch **TXT Message/ Multimedia Message/ Voicemail/ Emergency Tone/ Missed Call**.
 - Each Alert Sounds menu has the following options:
Tone/ Vibrate/ Reminder
 - The Emergency Tone has the following options:
Alert/ Vibrate/ Off





3.5 Button Sounds

Allows you to set the volume level for the touch keys (buttons).

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Button Sounds**.
5. Press the Volume Keys or touch the volume bars to adjust the settings, then touch **SET** to save the setting.

3.6 Digit Dial Readout

Allows you to set the phone to readout the digits you dial.





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.

4. Touch **Digit Dial Readout** to toggle the setting.

On/ Off

3.7 Service Alerts

Allows you to set any of the Service Alerts options to either On or Off.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Service Alerts**.
5. Touch an alert option to toggle the setting **On** or **Off**.

ERI Alerts you to the network status of your current cellular service.

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





Call Connect Alerts you when the call is connected.

Charge Complete Alerts you when the battery is completely charged.

Software Update Alerts you when there is an updated version of software available.

3.8 Power On/Off





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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Power On/Off**.
5. Touch **Power On Sound / Power On Vibrate / Power Off Sound / Power Off Vibrate** to toggle the setting.

On/ Off

3.9 Voice Clarity

The Voice Clarity feature allows you to set the phone to automatically adapt to noisy environments by adjusting the audio levels to improve speech intelligibility.




1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Sounds Settings**.
4. Touch **Voice Clarity** to toggle the setting.
On/ Off


4. Display Settings

Provides options to customize the phone's display screen.

4.1 Easy Set-Up

Allows you to easily set the Display settings all from one submenu.






1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().



2. Touch Settings .
3. Touch Display Settings.
4. Touch Easy Set-up.
5. Follow the prompts to set the Display settings for your phone.

4.2 Banner

Allows you to enter text to display on the LCD. You can enter up to 23 characters.





4.2.1 Personal Banner

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch Settings .
3. Touch Display Settings.
4. Touch Banner.
5. Touch Personal Banner.
6. Enter the banner text and touch .

NOTE To change the font color, touch **Options** , touch **Font Color**, touch the color you want, then touch .




4.2.2 ERI Banner

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch Settings .
3. Touch Display Settings.
4. Touch Banner.
5. Touch ERI Banner to toggle the setting.
On/ Off

4.3 Display Backlight

Allows you to set the duration for the backlight to stay on.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch Settings .

3. Touch Display Settings.




4. Touch Display Backlight.

5. Touch a Backlight setting.

7 Seconds/ 15 Seconds/ 30 Seconds/ 1 Minute

4.4 Keypad Backlight

Allows you to set the duration for the backlight on the keypad to stay on.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch Settings .

3. Touch Display Settings.




4. Touch Keypad Backlight.

5. Touch a Backlight setting.

7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

4.5 Wallpaper

Allows you to choose the kind of background to be displayed on the phone. The possibilities are endless, but Fun Animations, in particular, provide you with animated screens for your background wallpaper.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch Settings .


3. Touch Display Settings.

4. Touch Wallpaper.

5. Touch a submenu.




My Pictures/ Fun Animations

6. Touch your choice, then touch **Set** (For Fun Animations, you just need to touch your choice).

NOTE When selecting a picture, touch  to adjust placement and/ or zoom.

4.6 Charging Screen

Allows you to set a screensaver for the LCD to prevent others from seeing your personal phone information while it's charging.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch **Settings** .




3. Touch **Display Settings**.

4. Touch **Charging Screen**.

5. Touch a setting.
No Image/ Desk Clock/ Calendar

4.7 Display Themes

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch **Settings** .

3. Touch **Display Settings**.




4. Touch **Display Themes**.

5. Touch a setting.

Space/ Cartoon

4.8 Fonts

Allows you to set menu fonts.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch **Settings** .





3. Touch **Display Settings**.

4. Touch **Fonts**.





5. Touch a setting.
VZW Font/ LG Serif/ LG Joy

4.9 Dial Fonts

Allows you to set the dial font size. This setting is helpful for those who need the text to display a little bit larger.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Dial Fonts**.
5. Touch a setting.
Normal/ Large

4.10 Clock Format

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Display Settings**.


4. Touch **Clock Format**.





5. Touch a setting.

**Normal/ Analog/ Digital 12/
Large Digital 12/ Digital 24/
Large Digital 24/ Dual/ Off**

NOTE On the Home screen, you can touch and drag the clock to a different location on the touch screen.

4.11 Shortcut Bin





Displays or hides the Shortcuts Menu icon () on the Home screen.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Display Settings**.
4. Touch **Shortcut Bin** to toggle the setting.
On/ Off

NOTE On the Home screen, you can change the vertical placement of the Shortcut Bin Key by touching and dragging it.

5. Touch Settings

Allows you to customize the settings for your phone's touch screen.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Touch Settings**.
4. The following options are available to customize the Touch Settings:

Auto Lock On / Off

Vibrate Type Short / Double / Long

Vibrate Level Off / Low / Medium / High

Vibrate Effect On/ Off

Sound Wood Block/ Percussion/ Clean/ Echo/ Off





Calibration Allows you to calibrate the touch screen.

6. Phone Settings

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





6.1 Airplane Mode

Turns off all wireless communications. This feature allows you to use the phone when radio transmission is restricted. When in Airplane Mode, services using the Location On functionality will not function completely.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Airplane Mode**.
5. Touch a setting.
On/ Off





6.2 Set Qwerty Shortcut

Allows you to set Qwerty shortcuts for the Home screen.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **Settings**  .
3. Touch **Phone Settings**.
4. Touch **Set Qwerty Shortcut**.
5. Touch a setting.
Off/ Search Contact/ New TXT Message/ New Note

6.3 Voice Commands

Allows you to set Voice Command settings.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .
2. Touch **Settings**  .
3. Touch **Phone Settings**.

4. Touch **Voice Commands** and use the following options to configure Voice Command:

Confirm Choices Automatic/
Always Confirm/ Never Confirm

Sensitivity More Sensitive/
Automatic/ Less Sensitive

Adapt Voice Train Digits/ Train Words

Prompt Mode Prompts/
Readout + Alerts/ Readout/
Tones Only

Audio Playback Speakerphone/
Earpiece




Prompt Timeout 5 seconds/ 10 seconds

CLR Key Activation On/ Off

Info Allows you to view information on the Voice Commands settings.

6.4 Language

Allows you to use the bilingual (English or Spanish) feature according to your preference.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch **Settings** .

3. Touch **Phone Settings**.




4. Touch **Language**.

5. Touch a setting.

English/ Español

6.5 Location

Allows you to turn the Location function on your phone on or off. If set to On, location-based services are able to access your GPS (Global Positioning System) satellite-assisted location information.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch **Settings** .

3. Touch **Phone Settings**.

4. Touch **Location**.

5. Touch a setting.




Location On/ E911 Only

NOTES

- GPS satellite signals are not always received by the phone under bad atmospheric and environmental conditions, indoors, etc.
- When the Location Lock setting is activated in the Security Menu, the lock code is required to enter the Location menu. The lock code is the same 4 digits you use as your device lock code; by default it is the last 4 digits of your phone number.
- When in Airplane Mode, services supporting Location On functionality will not function completely.

6.6 Current Country

The Current Country menu allows you to change the phone settings to reflect the Country where you are currently located.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .





2. Touch **Settings** .

3. Touch **Phone Settings**.

4. Touch **Current Country**.
5. Touch a desired country.





6.7 Security

The Security menu allows you to secure the phone electronically.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
By default, the lock code is the last 4 digits of your mobile phone number if it is set. The lock code is the last 4 digits of your MEID if your mobile phone number is not set.





6.7.1 Edit Codes

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Edit Codes**.
7. Touch **Phone Only** or **Calls & Services**, then enter your new lock code. Enter it again to confirm it.

6.7.2 Restrictions

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Restrictions**.
7. Enter the four-digit service lock code.
8. Touch a Restrictions submenu, then the setting.

Location Setting Lock Setting/
Unlock Setting

Incoming Calls Allow All/
Contacts Only/ Block All





Outgoing Calls Allow All/
Contacts Only/ Block All

Incoming Messages Allow All/
Block All

Outgoing Messages Allow All/
Block All

6.7.3 Phone Lock

Keeps your phone from unauthorized use. Once the phone is locked, it's in restricted mode until the lock code is entered. You can receive phone calls and still make emergency calls. You can modify the Phone Only lock code using the Edit Codes submenu within the Security menu.





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Phone Lock**.
7. Touch a setting.

Unlocked The phone is not locked.

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






6.7.4 Lock Phone Now

Allows you to quickly lock the phone.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Lock Phone Now**.






6.7.5 Reset Default

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Reset Default**.
7. After reading the warning message, touch .
8. Enter the four-digit lock code.





6.7.6 Restore Phone

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **Security**.
5. Enter the four-digit lock code.
6. Touch **Restore Phone**.
7. After reading the warning message, touch **OK** .
8. Enter the four-digit lock code.

6.8 System Select

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





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **System Select**.
5. Touch a setting.

Home Only : You can make/receive calls in your home network only.

Automatic: You can make/receive calls in either your home or roam network. Roaming rates may apply when not in the home service area.

6.9 NAM Select

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Settings**.
4. Touch **NAM Select**.
5. Touch a setting.





NAM1 / NAM2

7. Call Settings

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





7.1 Answer Options

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Call Settings**.
4. Touch **Answer Options**.
5. Touch the setting(s) you want.
Slide out/ Any Key/ Auto with Handsfree
6. Touch **DONE**.

7.2 End Call Options




Allows you to determine how the phone will end a call.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Call Settings**.
4. Touch **End Call Options**.

5. Touch a setting.

Close Slide/ End Key Only

7.3 Call Forwarding

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .

2. Touch **Settings**  .

3. Touch **Call Settings**.




4. Touch **Call Forwarding**.

5. Touch a setting.

Forward Call/ Cancel Forwarding

7.4 Show Dialpad

This options allows you to choose when a dialpad should be displayed when a call is placed.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .

2. Touch **Settings**  .

3. Touch **Call Settings**.




4. Touch **Show Dialpad**.

5. Touch the setting(s) you want.

Voicemail/Toll-Free/ All Calls/
Customized Number

7.5 Auto Retry

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key**  .

2. Touch **Settings**  .

3. Touch **Call Settings**.

4. Touch **Auto Retry**.

5. Touch a setting.

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

7.6 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. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .

3. Touch **Call Settings**.
4. Touch **TTY Mode**.
5. Touch a setting.

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

TTY Full:

- Users who cannot talk and hear can send and receive a text message through TTY equipment.

TTY + Talk:

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

TTY Mode (Tele Type writer)

Menu	User	Feature	Transmission/ Receiving Mode	When making communications with a normal terminal
TTY Full	For hearing-/ verbally- impaired		text message transmission, text message receiving	Operator required
TTY + Talk	For hearing- impaired	able to talk	voice transmission, text message receiving	Operator required
TTY + Hear	For verbally- impaired	audible	text message transmission, voice receiving	Operator required
TTY Off			voice transmission, voice receiving	

TTY + Hear:

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

TTY Off:

- Users communicate without TTY equipment.





Connecting TTY Equipment and a Terminal

1. Connect the TTY terminal to the phone using a TTY cable. (Use the headset jack to connect to the phone.)
2. Enter the phone's Call Settings Menu menu and set the desired TTY mode.
3. After setting a TTY mode, check the phone's LCD screen for the TTY icon.
4. Connect the TTY equipment to the power source and turn it on.
5. Make a phone connection to the desired number.
6. When connection is made, use the TTY equipment to type in and send a text message or send voice.

7. The voice or text message from the receiver end displays on the TTY equipment display.

7.7 One Touch Dial

Allows you to initiate a speed dial call by touching and holding the speed dial digit on the dialpad. If set to Off, designated Speed Dial numbers will not function.




1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .
2. Touch **Settings** .
3. Touch **Call Settings**.
4. Touch **One Touch Dial** to toggle the setting.

On/ Off

7.8 Voice Privacy

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

Settings

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.

2. Touch **Settings** .




3. Touch **Call Settings**.

4. Touch **Voice Privacy** to toggle the setting.

On/ Off

7.9 DTMF Tones

Allows you to set the DTMF tone length.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.

2. Touch **Settings** .




3. Touch **Call Settings**.

4. Touch **DTMF Tones**.

5. Touch a setting.
Normal/ Long

7.0 Assisted Dialing

Allows easy dialing of international calls while roaming in another country. If set to On, Assisted Dialing is displayed in calling screen.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.


2. Touch **Settings** .

3. Touch **Call Settings**.

4. Touch **Assisted Dialing**.

5. Touch **Assisted Dialing** to toggle the setting.
On/ Off




6. Touch **Reference Country** then scroll through the list to find the country you want.


7. Touch the **Settings** icon  next to the selected country to edit and save the Country code, IDD Prefix (International Direct Dial), NDD Prefix, Area/City Code and Length (Length of Phone Number), then touch **SAVE** to set.

NOTE For example: A device in China is trying to reach a U.S. number, 201-555-5555 (Reference Country is U.S.A.) replace "+" code with IDD prefix for China. User Enters: +1-201-555-5555, Assisted Dialing: 00-1-201-555-5555

8. USB Mode

Allows you to set up how your phone behaves when a USB connection is made. The options for your phone are Media Sync Mode, Modem Mode or Ask On Plug. If the option is set to Ask On Plug, you are asked to confirm whenever the connection is made.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** .

2. Touch **Settings** .
3. Touch **USB Mode**.
4. Touch a setting.
Media Sync Mode/ Mass Storage/ Modem Mode/ Ask On Plug

9. Memory

Allows you to set your phone's Save Options. Also allows you to check your Cosmos™ Touch internal phone memory as well as the microSD™ external memory.

The Cosmos™ Touch can access the following file types stored on the removable microSD™ card.

My Pictures: png, jpg, bmp, gif

My Ringtones: mid, midi, qcp, pmd, mp4, aac, mp3, wav, amr





My Music: wma, mp3, m4a, aac

My Sounds: mid, qcp, midi, aac, mp3, wav, amr

My Contacts: vcf

9.1 Save Options

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


1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Memory**.
4. Touch **Save Options**.

5. Touch **Pictures/ Sounds/ Ringtones**.

6. Touch **Phone Memory/ Card Memory**.

9.2 Phone Memory

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





1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .

	Store on Cosmos™ Touch	Store on microSD™ Card	Transfer Phone to PC via Card	Transfer PC to Phone via Card
Protected Song	◆	◆		
Unprotected Song	◆	◆	◆	◆
Downloaded Ringtones	◆			
Ringtones(Received via MMS)	◆	◆	◆	◆
Sound	◆	◆	◆	◆
Downloaded Picture	◆			
Picture (user-generated or received via MMS)	◆	◆	◆	◆

3. Touch Memory.
4. Touch Phone Memory.
5. Touch Memory Usage/ My Pictures/ My Ringtones/ My Music/ My Sounds/ My Contacts/ Move All To Card.

9.3 Card Memory





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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Memory**.
4. Touch **Card Memory**.

5. Touch **Memory Usage/ My Pictures/ My Ringtones/ My Music/ My Sounds/ My Contacts/ Move All To Phone**.




10. Phone Info


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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Phone Info**.

10.1 My Number





Allows you to view your phone number.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().

2. Touch Settings .
3. Touch Phone Info.
4. Touch My Number.





10.2 SW/HW Version

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

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch Settings .
3. Touch Phone Info.
4. Touch SW/HW Version.





10.3 Icon Glossary

Allows you to view all the icons and their meanings.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch Settings .
3. Touch Phone Info.
4. Touch Icon Glossary.

10.4 Software Update





This feature gives your device the ability to upgrade to the latest software and keeps it operating with the latest features, all without having to visit a Verizon Wireless Communications Store for the upgrade.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** (.
2. Touch Settings .
3. Touch Phone Info.

4. Touch **Software Update**.
5. Touch **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. Touch **Check New** to check for new software.

11. Set-up Wizard

This Set-Up Wizard menu will guide you through the most commonly used personalization options. This way you can set your phone up quickly and easily.

1. Unlock the touch screen by dragging  to the right or press the **Unlock Key** () on the right side of your phone and touch the **Menu Quick Key** ().
2. Touch **Settings** .
3. Touch **Set-Up Wizard**.
4. Follow the screen prompts to set your phone settings.

Troubleshooting

This section lists some problems that you might encounter while using your phone. Some problems require that you call your service provider, but most of problems you encounter are easy to correct yourself

Symptom	Possible causes	Possible Corrective measures
No connection to the network	Signal is weak or you're outside of the carrier network.	Move to a window or open space. Check service provider coverage map.
Codes do not match	When you want to change a security code you have to confirm the new code by entering it again. The two codes that you have entered do not match.	Contact your Service Provider.
Function cannot be set	Not supported by Service Provider or registration required.	Contact your Service Provider.
Calls not available	Dialing error or service limitations.	Check the number dialed and check the reception. Contact your service provider.

Symptom	Possible causes	Possible Corrective measures
Phone cannot be switched on	<p>PWR/End Key pressed too briefly.</p> <p>Battery is not charged.</p> <p>Battery contacts are dirty.</p>	<p>Press the PWR/End Key for at least two seconds.</p> <p>Charge battery. Check charging indicator in the display.</p> <p>Clean the battery contacts.</p>
Charging error	<p>Battery totally empty.</p> <p>Contact problem.</p> <p>No power from outlet.</p> <p>Charger defective.</p> <p>Wrong charger.</p> <p>Battery defective.</p>	<p>Charge battery.</p> <p>Check power supply and connection to the phone. Check the battery contacts, clean them if necessary.</p> <p>Plug in to a different socket or check voltage.</p> <p>Test with another charger.</p> <p>Only use original LG accessories.</p> <p>Replace battery.</p>
Network connection is lost.	<p>Signal too weak.</p>	<p>Reconnection to another service provider if network mode is automatic.</p>
Phone locked-up and does not function	<p>Battery installing.</p>	<p>Remove the battery and install it to restart your phone again. (similar to how you may restart your PC/computer).</p>

Safety

TIA Safety Information

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

Exposure to Radio Frequency Signal

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

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

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

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

Radiation Protection

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

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

Antenna Care

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:

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

Driving

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

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

Electronic Devices

Most modern electronic equipment

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

Pacemakers

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

Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- Should turn the phone OFF

immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices and Health Care Facilities

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

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 the 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.

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. Also, keep the user guide in an accessible place at all times after reading it.

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

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

to contact battery terminals.

- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

Charger and Adapter Safety

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

Battery Information and Care

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

- cleaning your phone, and clean the power plug pin when it's dirty. When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire. If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Recharge the battery after long periods of non-use to maximize battery life. Battery life will vary due to usage pattern and environmental conditions.
 - Please use only an approved charging accessory to charge your LG phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.
 - Never store your phone in temperatures less than -4°F or greater than 122°F .
 - Charging temperature range is 32°F and 113°F . Do not charge the battery outside this range. Doing so may generate excessive heat causing serious damage to the battery deteriorating battery life and/or other battery characteristics.
- Do not use or leave the battery in direct sunlight or inside a hot car. The battery may generate heat, smoke or flame, as well as deteriorating battery life and/or other battery characteristics.
 - The battery pack has a protection circuit. Do not use near places that can generate more than 100V static electricity which could damage the protection circuit. Damaged protection circuits may rupture, smoke, or ignite.
 - When using the battery for the first time, if it emits a bad smell, you see rust on it, or anything else abnormal, do not use the equipment. Return it to the place where it was bought.
 - If children are allowed to use the device battery, an adult is responsible for teaching about the safe handling and use of batteries, as well as supervising their proper use and care.
 - Keep the battery away from young children. Safeguard so

that small children do not remove the battery from the charger or device.

- If liquid from the battery rubs against skin or clothing, rinse with clean water. The battery liquid could cause skin irritation.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire. Don't short-circuit the battery. Metallic articles

such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

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

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's

dirty.

- When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and - terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of

the phone may damage the data stored in the magnetic strip.

- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please

backup your important phone numbers. (Ringtones, text messages, voice messages, and pictures could also be deleted.) The manufacturer is not liable for damage due to the loss of data.

- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

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 rock 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.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite

300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD USA 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet:

<http://www.nidcd.nih.gov/health/hearing>

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

Internet:

<http://www.cdc.gov/niosh/topics/noise/default.html>

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 does not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless

phones;

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

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

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

The National Institutes of Health participates in some interagency

working group activities, as well.

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

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

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

The term “wireless phone” refers here to handheld wireless phones with built-in antennas, often called “cell”, “mobile”, or “PCS” phones. These types of wireless phones can expose the user to measurable

Radio Frequency (RF) energy because of the short distance between the phone and the user's head.

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

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

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of Radio Frequency (RF) energy exposures characteristic of wireless phones

have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be predisposed 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.fda.gov> (under "c" in the subject index, select Cell Phones > Research) 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/HomeBusinessand>

[Entertainment/CellPhones/default.htm](#))

Federal Communications Commission (FCC) RF Safety Program
<http://www.fda.gov>
(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>)

Health Protection Agency (<http://www.hpa.org.uk/>)

10 Driver Safety Tips

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

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

Safety

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your Voicemail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Don't take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Do not get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light, or otherwise stationary. But if you need to dial while driving, follow this simple tip -- dial only a few numbers, check the road

- and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.
 8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations -- with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it's a free call on your wireless phone!
 9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto

accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

The above tips are meant as general guidelines. Before deciding to use your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations

may prohibit or otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

Consumer Information on SAR

(Specific Absorption Rate)

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

literature related to the biological effects of RF energy.

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

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to

reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

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

This device was tested for typical body-worn operations with the back of the phone kept 0.79 inches (2.0 cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2.0 cm) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 0.79 inches (2.0 cm)

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

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

The highest SAR value for this model phone when tested for use at the ear is 0.84 W/kg and when worn on the body, as described in this user's manual, is 0.45 W/kg. While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea/fccid/> after searching on FCC ID.

To find information that pertains to a particular model phone, this site

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

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

*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

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

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their

hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

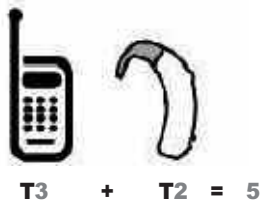
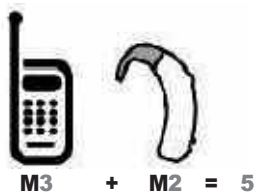
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate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

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

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

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing

device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with

Safety

“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 components must be disabled during a call. See Page 91 for instructions to disable these components.

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

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

FCC Hearing Aid Compatibility and Volume Control

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

There are a variety of optional accessories available for your phone and three easy ways to purchase them: shop online anytime at www.verizonwireless.com, call us at 1866 VZ GOT IT (894 6848) or visit one of our Verizon Wireless Communication Stores.



**Wall/USB
Charger**



USB Cable



Battery



**Vehicle
Power
Charger**



**Bluetooth
Headset**

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS:

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

- (1) The limited warranty for the product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.
- (2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.
- (3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S., including Alaska, Hawaii, U.S. Territories and Canada.

- (4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.
- (5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.
- (6) The customer shall bear the cost of shipping the product to the Customer Service Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

- (1) Defects or damages resulting from use of the product in other than its normal and customary manner.
- (2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized

- connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.
- (3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.
 - (4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.
 - (5) Products which have had the serial number removed or made illegible.
 - (6) This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of marketability or fitness for a particular use.
 - (7) Damage resulting from use of non LG approved accessories.
 - (8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.
 - (9) Products operated outside published maximum ratings.
 - (10) Products used or obtained in a rental program.
 - (11) Consumables (such as fuses).

3. WHAT LG WILL DO:

LG will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent 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.

LIMITED WARRANTY STATEMENT

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:

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

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

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

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

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

Terminology

Ez Tip Calculator

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

Voice Commands

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.

microSD™

Additional external memory for your mobile 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 **A**ssignment **M**odule is how the phone stores the phone number and its electronic serial number.

SSL

Secure **S**ockets **L**ayer 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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