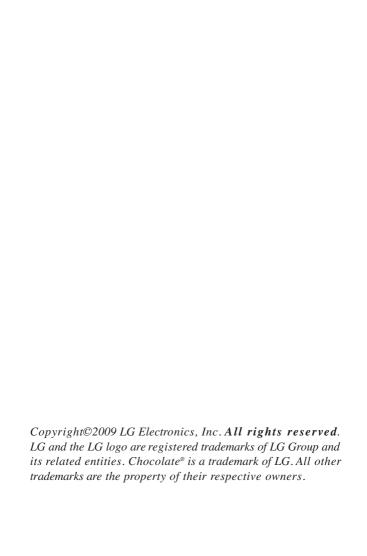
# **User Guide**





# Important Safety Precautions

Read these simple guidelines. 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 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 less than -4°F or greater 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, thinners, etc.) or detergents to clean your phone. This could cause a fire.



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



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

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



- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.



• Do not disassemble the phone.



- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or
- Do not hold or let the antenna come in contact with your body during a call.



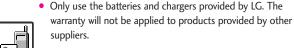
Make sure that no sharp-edged items, such as animal's teeth or nails, come into contact with the battery. This could cause a fire.



- 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 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 circumstances, 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 Chocolate® 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:

- V CAST Music with Rhapsody
- V CAST Video
- V CAST Song ID
- Mobile IM
- Bing Search
- VZ Navigator
- VZW Tones Deluxe
- Mobile Web Email
- Visual Voice Mail
- Corporate Email
- BackUp Assistant
- City ID
- Touch Screen and auto Touch Screen lock.
- Display themes and Wallpapers for customization.
- Built-in 3.2 Megapixel digital camera (with video mode).

- Large, easy-to-read, backlit LCD with status icons.
- Messaging Voicemail, and caller ID.
- HTML Browser.
  - Media Center
- Dolby® Mobile
- FM Radio
- Long battery standby and talk time.
- Easy operation; use Touch Screen to choose menus and answer prompts.
- Any Key answer, Auto-answer with Handsfree, auto retry, One Touch and Speed Dialing (with 999 memory locations).
- Bilingual (English and Spanish) capability.
- Bluetooth® wireless technology.
- 1GB of internal memory for music

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.

## Technical Details

#### 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 Chocolate® 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. High-speed data transmission is also possible. EV-DO system is optimized for data service and is much faster than 1xRTT system in applicable area.

The table on the following page 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

#### Technical Details

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps radio link protocol and inter-band operations IS-95 adapted for PCS frequency band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS-651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem operations Non-signaling data comm.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data
1x EV-DO Related interface	TIA/EIA/IS-856 TIA/EIA/IS-878 TIA/EIA/IS-866 TIA/EIA/IS-890	CDMA2000 High Rate Packet Data Air Interface  1xEV-DO Inter-Operability Specification for HRPD Access Network Interfaces  Recommended Minimum Performance Standards for HRPD High Rate Packet Data Access Terminal  Test Application Specification (TAS) for High Rate Packet Data Air Interface

(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 the 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 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 part15 of FCC rules.

Operation is subject to the following two conditions:

- 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.

## **Phone Overview**



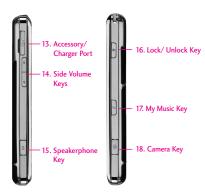
#### NOTE

SEND Key, CLR / Voice Commands Key, and PWR / END Key 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 upwards to reveal the Standby mode Touch Screen and Touch Soft Keys.

- 1. Earpiece Lets you hear the caller.
- Touch Soft Keys Touch Keys on this Touchpad 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.
- 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
- 4. Clear Key / Voice Command 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 Command or press and hold to access Voice Recorder.
- 3.5mm Headset Jack Allows you to plug in an

- optional wired headset for convenient, handsfree conversations. The 3.5mm jack also allows you to connect headphones normally used with other mp3 players.
- 6. Proximity Sensor This sensor locks the Touch screen during a call if an object (like your head) comes within close proximity, to prevent accidental keypresses. Please note that some phone cases may engage the sensor. The sensor is disabled when using the Speakerphone, a Bluetooth headset or the headset jack.
- Light Sensor Detects the amount of light, adjusts brightness of the LCD. This conserves power and extends battery life.
- Touch Screen Displays incoming calls, messages and indicator icons as well as a wide variety of content you select to view.





- Shortcut Menu Touch Key Allows quick access to a customizable Shortcut Menu.
- My Music Touch Key This shortcut key opens the My Music application.
- PWR/END Key Use to turn the power on/off and to end a call. Also returns to Standby mode.
- Camera Lens Used for taking pictures and recording video. Keep it clean for optimal photo quality.
- Accessory Charger Port Connects the phone to the battery charger, or other compatible accessories.
- Side Volume Keys Use to adjust the Master Volume in Standby mode\* and the Earpiece Volume during a call.

- Speakerphone Keys Press to activate or deactivate the Speakephone function.
- Lock/ Unlock Key Press to lock or unlock the Touch Screen and keys.
- My Music Key Use for quick access to your music. Download, store and listen to music right from your phone.
- Camera Key Use for quick access to Camera function. Press and hold the Camera Key to record Video.
- \* 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.

## Ouick Glance of the Touch Screen and How to Use It

#### Touch Sensitive Soft Keys



- 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.
- 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 because touch screen sensors may become damaged from harsh use.
- 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.
- 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.
- The Proximity Sensor protects against accidental key presses during phone calls by locking the screen.

 Keep metal and other conductive material away from the surface of touch screen because contact may cause electronic interference.

#### How to Unlock





Touch the icon and slide up to unlock the screen.

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

# Calibrating the Touch Screen

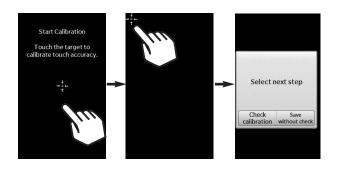
Calibration allows the phone to recognize the accuracy of your touch.

- 1. Unlock the Touch Screen by sliding the Slide icon up or press the Unlock Key ( ) on the right side of your phone. Then, touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Settings icon 🔯.



- 3. Touch Touch Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Calibration.

- 5. Touch the target each time it appears.
- 6. After setting calibration, touch Check calibration or Save without check.
- If you touch Check calibration, touch each target as it appears again. The screen will display a purple dot to indicate the location of your touch. If you are satisfied with your accuracy, touch Yes to save, or touch No to try again.
- Touch Save without check to save without viewing your touch accuracy.



#### Shortcut Menu

#### Touch Screen Shortcut Menu

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

- 1. Unlock the Touch Screen by sliding the Slide icon up or press the Unlock Key ( ) on the right side of your phone.
- 2. Touch the Shortcut Menu icon
- 3. Touch the My Media tab to access, and/or manage, shortcuts to your favorite Media files (including pictures, videos, and music).
- 4. To close the Shortcut Menu, press the Clear or PWR/END







## **Touch Soft Keys**

Messages: Displays the Messages menu.

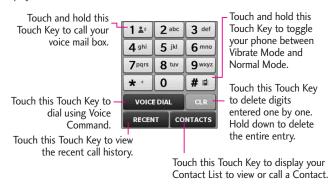
> Contacts: Displays your Contact List.

Menu: Displays the Main Menu.

Favorites: Displays vour favorite contacts.

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

When you touch the Phone Touch Soft Key the following Dialpad is displayed:



# **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.

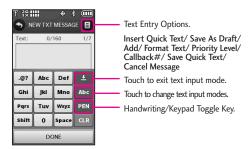
# Text Input While Composing a TXT Message

- 2. Touch the Message Touch Soft Key

- 3. Touch NEW .
- 4. Select TXT Message.
- Touch the Text Field to begin entering text. A touch keypad will popup.
- 6. To access Text Input options, press the Text Options Touch Key

  The options are:

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



When entering text, besides "typing" the text with Touch Keys, you also have the option to write with your fingertip. The Touch Screen interprets your movements into characters.

- Touch a text field, then touch the manual writing 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 to delete characters, and try again.

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

#### TIF

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



#### **Changing Input Method**

To change from "writing" to "typing":

In the hand-writing screen, touch the Keypad icon Royald on the right-hand side.



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 Upper-Case

Writing in Lower-Case

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

a	aaaaa	n	nnn	A	AAAAA	N	NNMM	Acute	_
b	666	0	000	В	BBB	0	000	^ '	á
С	C,	p	b b, b		C G	Р	b b.	Tilde	
d	'd' d' d' d' d	q	89999	D	10 10	Q	Q Q Q Q		30
е	6.6	r	r r	E	EEEEEE	R	RRR	,1 0	4
f	+f +f +f +f	S	5.4	F	ج المرابعة	S	S'	Diaeresis	
g	99	t	<b>七七</b>	G	GGGG	Т	市市	1 2	20
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1	l t	У	y y y y	L	Ľ	Υ	YYY		
m	m m m	Z	乙之去	M	MMMM	Z	ZZ		

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

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

О	(C) (C)
1	7 1,
2	222
2 3 4 5 6 7	222 33 4 555 6
4	' <b>4</b> 2
5	5' 5' 5
6	6'
7	لِمْ الله الم
8	7 7 7 8 8 8 8 9 9
9	9 9

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# Menu Tree



## My Verizon



#### Messaging

- New Message
  - 1. TXT Message
  - 2. Picture Message
  - Video Message
  - 4. Voice Message
- 2. Messages\*
- 3. Drafts
- 4. Voicemail
- 5. Visual Voice Mail
- 6. Mobile IM
- 7. Email
- 8 Chat
- Social Network Message
- 10. Settings
  - 1. Messages View
  - 2. Entry Mode
  - 3. Text Entry Settings
  - 4. Auto Save Sent
  - 5. Auto Erase Inbox
  - 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
- 11. Erase Options



#### Contacts

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



#### Recent Calls

- 1. Missed
- 2. Received
- 3. Dialed
- 4. All

5. View Timers



#### Media Center

- 1. Music & Tones
  - 1. V CAST Music I Rhapsody
  - 2. Get New Ringtones
  - 3. My Ringtones
  - 4. My Music
  - 5. My FM Radio
  - 6. My Sounds
  - 7. Sync Music
- 2. Picture & Video
  - V CAST Videos
  - 2. Get New Pictures
  - 3. My Pictures
  - 4. My Videos
  - 5. Take Picture
  - 6. Record Video
  - 7. Online Album
- 3. Games
  - 1. Get New Applications
  - Rock Band
  - 3. The Sims 3
- Browser
- 5. Browse & Download

 $<sup>^{</sup>st}$  The submenu options Messages vary and depend on the Message View settings.

#### Menu Tree

- 1. Get New Applications
- 2. City ID
- 3. Bing
- 4. VZ Navigator
- 5. Visual Voice Mail
- 6. Mobile Email
- 7. Corporate Email
- 8. Backup Assistant

#### 6. Extras

1. Get New Applications

#### 7. Info

- Memory
- 2. Music Memory
- 3. View Log
- 4. Help
- 5. About



#### My Music

- Play All
- 2. Shop
- 3. Sync
- 4. FM Radio
- 5. All Songs
- 6. Playlists
- 7. Artists
- 8. Genres
- 9. Albums
- 10. Manage My Music
- 11. Music Settings
- 12. Music Alerts



#### Browser



#### Search

#### Email

- 1. Mobile Email
- 2. Corporate Email
- 3. Mobile Web Mail



## VZ Navigator



### Tools

- Voice Commands
- 2. Calculator
- 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
    - 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

- Power On/Off
  - 1. Power On Sound
  - 2. Power On Vibrate
  - Power Off Sound
  - 4. Power Off Vibrate
- 4. Display Settings
  - 1. Easy Set-up
  - 2. Banner
    - 1. Personal Banner
    - 2. FRI Banner
  - 3. Backlight
  - 4. Wallpaper
    - My Pictures
    - 2. My Videos
    - 3. Fun Animations
  - 5. Charging Screen
  - 6. Display Themes
  - 7. Fonts
  - Dial Fonts
  - 9. Clock Format
  - 10. Shortcut Bin
  - 11. Music Handle
- 5. Touch Settings
  - 1. Auto Lock
  - 2. Vibrate Type
  - 3. Vibrate Level
  - 4. Vibrate Effect
  - 5. Sound
  - Calibration

- 6. Phone Settings
  - 1. Airplane Mode Voice Commands
    - 1. Confirm Choices
    - 2. Sensitivity
    - 3. Adapt Voice
    - 4. Prompt Mode
    - Audio Playback
    - 6. Prompt Timeout
    - 7. CLR Kev Activation
    - 8. Info
  - 3. Language
  - 4. Location
  - Current Country
  - 6. Security
    - Fdit Codes
    - 2. Restrictions
    - 3. Phone Lock
    - 4. Lock Phone Now
    - 5. Reset Default
  - 6. Restore Phone
  - 7. System Select 8. NAM Select
- 7. Call Settings
- - 1. Answer Options
  - Show Dialpad
  - 3. Auto Retry
  - 4 TTY Mode
  - One Touch Dial
  - 6. Voice Privacy

- 7 DTMF Tones
- 8. Assisted Dialing
- 8. USB Auto Detection Memory
  - 1. Save Options

    - 2. Phone Memory 3. Card Memory
- 10. Phone Info
  - 1. My Number
    - 2. SW/HW Version
  - 3. Icon Glossary
  - 4. Software Update
- 11. Set-up Wizard

# Getting Started with Your Phone

#### The Battery

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

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

#### Installing the Battery

To install the battery, insert the edge with the battery contacts into the opening on the back of the phone. Push the battery down until it clicks into place, then attach the back cover.

#### Removing the Battery

Turn power off and slide the back cover down to remove it. Use the fingertip cutout at the edge of the battery to lift the edge of the battery to remove it.



## Charging the Battery

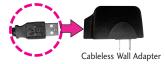
Your Chocolate® TOUCH device comes with a cableless wall adapter

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 LC 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.

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



Cently uncover the phone's accessory/ charging 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 charging accessory 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 buspowered USB hub.

#### How to Install a microSD™ Card



 Remove the back cover and locate the microSD™ slot on the left side.



 Insert the microSD™ card (purchased separately) with the logos facing up. Push in until it clicks into the slot. 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

- 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 either MTP Sync or Over the Air) should format the MicroSD™ card on this handset before using it through (Menu → Settings → Memory → Card Memory →

# Getting Started with Your Phone

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 OTA downloading or 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 cannot be played 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,

# Turning the Phone On and Off

#### Turning the Phone On

- 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 Touch Screen lights up.

#### Turning the Phone Off

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- 2. Press and hold the PWR/END
  Key until the display turns
  off.

## 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 line of the LCD screen displays phone status icons. To view what they mean:

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key
- Touch the Settings icon .
- Scroll the list up, then touch Phone Info.
- 4. Touch Icon Glossary.

## Making Calls

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- Touch the Phone Touch Soft 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 SEND Key or touch the Call touch key CALL to place the call.
- 4. Press the PWR/END



or touch the End touch key **END** to end the call.

#### **Correcting Dialing Mistakes**

If you make a mistake while dialing a number, touch the Clear touch key **CLR** once to erase the last digit entered, or hold the Clear touch key down for at least 2 seconds 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 touch 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 sliding the Slide icon up, then touch the Answer touch key Answer, or press the SEND Key.
- 2. Press the PWR/END Key to end the call.

#### Menu Tree on the Touch Screen

#### Menu Access

The Menu Touch Soft Key provides access to twelve phone menus. To access the main menus, unlock first by pressing the unlock key ( ) on the right side of your phone or sliding the Slide icon up. Touch the Menu Touch Soft Key at the bottom of the screen to open the main menus. To go back to Standby mode, touch the Home touch key THOME or press the Clear Key at the bottom center of your phone.

The main menus are displayed as shown below. Touch any of the menu icons with your fingertip to go to that menu.



# Shortcut Menu on the Touch Screen

#### Touch Screen Shortcut Menu

The Shortcut Menu allows quick, direct access to several frequently used device features from the Touch Screen. Up to 11 shortcuts can be set. To access the Shortcut Menu, unlock the Touch Screen, then touch the Shortcut Menu icon . By default, the shortcuts below are provided, but you can customize them to your preferences.

NOTE Touch the My Media tab to set up to 11 media files (picture, video, or music) with shortcut access.





Alarm Clock









Use the My Media sub menus to add shortcuts to your selected media files.

#### Managing Shortcuts

You can add, delete, and rearrange shortcut icons. To add, touch the Add touch key , scroll to the feature you want, then touch it. To remove from the Shortcuts menu, drag and drop the icon on the Trashcan touch key (When you hold down a Shortcut item, the Add touch key (with turns into the Trash can touch key ). To move an icon, drag and drop it on another icon, they will exchange places.

## **Ouick 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 Phone

Lock Code -> Touch Lock Phone

Now.

## **Quick Volume Adjustment**

Quickly adjust ringer and earpiece volumes by pressing the upper side volume key to increase and lower side key to decrease.

NOTE The earpiece volume can only be adjusted by the side volume keys during a call.

NOTE To turn sounds off, unlock the phone, press and hold the lower side volume key for 3 seconds, then press and hold the upper side volume key to return to normal sounds mode.

#### Vibrate Mode

Sets the phone to vibrate instead of ring ( ) is displayed on the Notifications bar). To set Vibrate Mode, touch the Phone Touch Soft Key to display the keypad touch keys then touch and hold the Pound touch key # .

To return to Normal Mode, touch and hold the Pound touch key
###.

#### **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

- Press the SEND SEND Key, to automatically put the first call on hold and answer the new call.
- Press the SEND 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 89.

- 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**

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- 2. Touch the Contact Touch Soft Key
- 3. Touch the New touch key New .
- Touch a field, use the pop-up touch keys to enter information, then touch the Done touch key
   DONE . Do this for each field you want to enter.
- 5. When all fields are complete, touch the Save touch key

  SAVE

  .

#### OR

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- Touch the Phone Touch Soft Key for the phone dialing keypad.
- 3. Use the Dialpad that pops up to enter the phone number and

touch the Save touch key

SAVE

- 4. Touch Add New Contact/ Update Existing.
- Touch Mobile 1/ Home/ Work/ Mobile 2/ Fax.
- Enter information into the remaining fields, as necessary, and touch the Save touch key SAVE to save.

## **Changing Contact Entries**

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- 2. Touch the Contact List Touch Soft Key
- 3. Touch the Contact you want to customize.
- 4. Touch the Edit touch key

  EDIT , touch and edit the fields you want to change then touch the Done touch key

  DONE .
- 5. Touch the Save touch key SAVE when edits are complete.

## **Speed Dial**

Allows you to set up your Speed Dials.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- 2. Touch the Contacts Touch Soft Key .
- 3. Touch the Contact you want to set with a Speed Dial, then touch the Options icon
- 4. Touch **Set Speed Dial**, then touch the phone number to set with a Speed Dial.
- Touch an unassigned Speed Dial number.
- You will be prompted "Assign Speed Dial to Contact?" Touch Yes.

#### Storing a Number with Pauses

Pauses allow you to enter additional series of numbers to access automated systems such as Voicemail or credit billing numbers. Pause types are: Wait (W) The phone stops dialing until you press the Release touch key RELEASE on the Touch Screen, 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- 2. Touch the Phone Touch Soft Key
- 3. Enter the number, then touch the Options icon .
- Touch Add 2-Sec Pause/ Add Wait, then enter additional numbers.
- 5. Touch the Save touch key

  SAVE, then complete the

  Contact entry as necessary.

# Contacts in Your Phone's Memory

### **Deleting**

#### Deleting a Contact Entry

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone.
- 2. Touch the Contacts Touch Soft Key .
- Touch the Contact you want (search using # or alphabet letters at the bottom of the screen, if necessary).
- 4. Touch the Erase touch key **ERASE**.
- 5. Touch Yes.

## 3D (Three-axis-accelerometer) Rotation

3D Rotation is a feature that allows you to have flexibility in how you view content on your screen. Simply turn your Chocolate® TOUCH device from vertical to horizontal (or horizontal to vertical) and get a whole new perspective. Chocolate® TOUCH senses the change in orientation and can automatically adjusts to fit the screen. View an image in wide screen orientation. This feature is helpful when you're looking at your pictures, browsing your music by album artwork, viewing Browser websites, or even entering text.



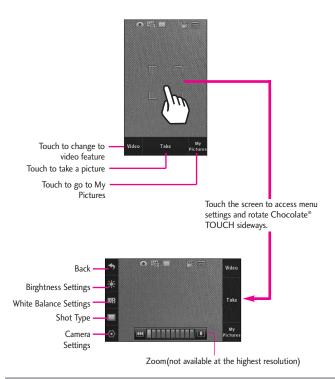
## Camera Features

### Camera Features

The built-in 3.2 MP camera feature is complete with optics 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
- Shot Types

Normal: No effect applied to picture.

Panorama: Take series of pictures from left to right. Take the first shot, align the shadow of the first shot with the next shot, then take that picture. Align and take the third shot to automatically join the three shots together into one panoramic shot.

Intelligent: Camera will automatically adjust for up to 5 ambient conditions so that the best picture is taken.

- Face detection
- Bright
- Night
- Against the Light (Sun)
- Landscape

Facial Makeover: Automatically detects faces for better portrait quality. Also removes blemishes and enhances facial features.

## Camera Settings

Allows you to configure the following camera settings:

#### Resolution:

2048x1536 / 1600x1200 / 1280x960/ 800x480 / 640x480

Keep in mind that higher resolution, uses more memory. And, 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

#### Auto Save

### On/ Off

## Save Option

Internal/ External

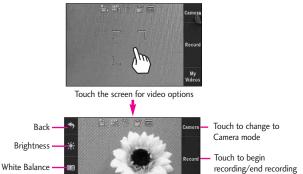
## Camera Features

#### Video Camera

The built-in video camera feature comes with options similar to the Camera feature.

### Video Camera Settings

The images below show how to access the video settings.



Touch to go to

My Videos

Zoom Setting Touch and slide right to zoom in or left to zoom out

### Options in Video Mode

Record Settings ·

#### **Settings**

Recording Time: For Send/ For Save

For Send: Limits the recording time so the video clip can be sent in a video message. Please note that the video clip may still need to be shortened for Sending. For Save: Allows the video to be saved as a high quality video clip to the phone (regardless of resolution setting). Video clips recorded in the For Save setting can be sent in a video message only if the recorded output is less than 500KB.

Resolution: 320X240 / 176X144

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

Auto Save: On / Off

Save Option: Internal/External

#### After Recording Video

After recording, use the Touch screen to select what to do with the video clip. Depending on the size, the options are:

Play / Erase / Send / Save or Play / Erase / Save

## **Picture Editing**

With the Chocolate® TOUCH's many picture editing features, you have endless possibilites in creating fun pictures. To edit while viewing a picture, touch the Options icon , then touch Edit.

#### **Editing Touch Keys**



#### Drawing

- - 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 Fraser width.
- 2. Press Save to save and exit.

### Composition

- 1. You can change the photo's composition. Touch the Composition touch key ... Options available are:
  - 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 touch key to finalize cropping.

## Camera Features

#### Adjustments

Improve your photos by adjusting Contrast, Sharpness, Blur or Brightness. Touch the Adjustments icon the scroll bar of each adjustment to increase (right side) or to decrease (left side).

## Frames and Stamps

The Chocolate® TOUCH has multiple frames and stamps to choose from to enhance your pictures.

- 1. Touch the Overlay icon . 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.

## Video Editing

When you select a video to edit, a video editor screen is displayed.

To display the video player controls, simply touch the Touch Screen while the video is playing to display the following:

- Fast Forward
- Rewind
- ► / Play/ Pause

- ★ Marks as favorite
- Display in wide screen
- Display in normal size
- x1 Display in small size

NOTE Touching the screen while a video clip is playing also provides access the video editing options icon

## Video Player Controls

### Editing a Video to Send

You can edit a video then send a video message to friends and family.

- Access My Videos (via the Media Center, for example), touch the video clip to open it. As the clip begins to play, touch the screen to display the video player controls.
- Touch the Options icon , then touch Edit For Video Msg.
- 3. Touch the Clip icon at the point in the video where you want the video to start (indicated by a red triangle), then touch the Clip icon where you want the video to end (indicated by a blue triangle).
- 4. Touch the Save icon to save the edited video or touch the Send icon to send it.

### **Editing Using Video Effects**

Access My Videos, touch the video clip to open it. Touch the screen as it begins to play, then touch the Options icon

#### Multi Trim

Use the Clip icon to create a new video with up to 3 clips from the current video. You can add a fade effect between the clipped video pieces by touching the Save icon and then

#### Multi Capture

You can capture still images from video footage and save in your device's picture gallery. You can save up to 5 still shots. Touch the Snapshot icon to capture. The Player will pause at that position, so touch the Play icon to resume playing the clip. After clip capture(s), touch the Save icon to save.

## My Verizon

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

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch My Verizon

## MESSAGING

## MFSSAGING

The phone can store up to 540 (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 Touch Soft Key while in Standby mode.

#### 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 (\( \subseteq \)) 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, Video 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Messaging icon .



- 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 the Done touch key DONE
- 6. Touch the Text area to enter your message. Use the keypad that pops up, or touch the Pen touch key **PEN** to write in your message. Please note that you can rotate your phone 90 degrees counter-clockwise to use the on-screen QWERTY. When finished entering text, touch the Done touch key DONE
- 7. Touch the Send touch key SEND

A sending screen is displayed.

## Other Message Options

Entering saved addresses in the To: field

- 1. Touch the Favorite touch key Favorite . touch the Contact touch key Contact, or touch the Social Network touch key Soc.Net .
- Favorite Your list of Favorite Contacts is displayed. Select the one(s) to receive your message.
- Contact Your Contact List is displayed. Select the ones you want to receive your message.
- 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 the Options icon , then touch From Recent Calls or Groups and touch your selection.

#### The Text Field Options

- 1. Touch the text entry area, then touch the Options icon [1].
- 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 52 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 preprogrammed callback number with your message.

On/ Off/ Edit

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

Cancel Message Cancels message editing and goes to Message menu.

## MESSAGING

Complete and then send the message by pressing or touching the Send touch key

## 1.2 Picture Message

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Messaging icon .
- 3. Touch New Message.
- 4. Touch Picture Message.
- 5. Enter the destination address(es) by touching the Favorite touch key Favorite to copy the address from a Favorites entry, the Contact touch key Contact to copy the address from your Contact List, the New # touch key New # to manually enter the address, or the Social Network touch key Soc.Net to select between VZW Online Album, Facebook, and My Space.
- 6. Touch the Done touch key **DONE** after entering the recipient(s) (up to 10).
- 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 the Select touch key SELECT.
- Touch the Send touch key
   SEND . A confirmation message is displayed.

## Other Picture Message Options

Using the To: Field Options

- 1. Touch the New # touch key

  New # , then Touch the

  Options icon 

  .
- 2. Select from the following options:

From Contacts/From Recent Calls/Favorites/Groups/To VZW Online Album/To SNS

Using the Text or Subject Field Options

- 1. Touch the Options icon [a].
- 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 quick text customized on the phone.

Add Slide Insert multiple pictures and sound into a picture message.

Priority Level Gives priority to the message.

High/ Normal

## Cancel Message

### Adding Slides to Your Picture Message

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

- 1. Create a new picture message.
- 2. Add a picture or sound to your message.
- 3. Touch the Next Slide touch key >
- 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 touch keys <a>/ >> to scroll</a> through the slides attached to your picture message.
- 6. Complete the message then send the message.

## 1.3 Video Message

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔀 .
- 2. Touch the Messaging icon .



- 3. Touch New Message.
- 4. Touch Video Message.
- Enter the destination address(es) by touching the Favorite touch key Favorite to copy the address from a Favorites entry, the Contact touch key Contact to copy the address from your Contact List, the New # touch key New # to manually enter the address, or the Social Network touch key Soc.Net to select between VZW Online Album. Facebook, and MySpace.

## MESSAGING

- 6. Touch **DONE** after entering the recipient(s) (up to 10).
- 7. Touch the text field, then type your message with the touch keypad.
- 8. Touch the video field, touch to select the video to send, then touch Select.
- 9. Touch the Send touch key SEND to send.

## 1.4 Voice Message

The Basics of Sending a Message

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Messaging icon .



- 3. Touch New Message.
- 4. Touch Voice Message.
- 5. Touch the Record touch key RECORD to start recording your message.
- 6. Touch the Stop touch key Stop to end recording.
- Enter the destination address(es) by touching the

Favorite touch key Favorite to copy the address from a Favorites entry, the Contact touch key Contact to copy the address from your Contact List, the New # touch key New # to manually enter the address, or the Social Network touch key Soc.Net to select from VZW Online Album. Facebook, and My Space.

- 8. Touch the Done touch key **DONE** after entering recipient(s) (up to 10).
- 9. Touch Text. Name Card. and/or Subject to add to your message.
- 10. Touch the Send touch key SEND to send.

## 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Messaging icon .
- 3. Touch Settings.
- 4. Touch Messages View, then touch a setting.

Time / Contact

5. Touch the Save touch key SAVE .

#### Viewing Your Messages

1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .

2. Touch the Messaging icon .



- 3. Touch Messages (or Inbox, depending on your Messages View configuration).
- 4. Touch a message entry.
- 5. Options available for a received message:
- REPLY, to reply to the message.
- **ERASE**, to erase the message.
- FORWARD , to forward the message.
- The Options key 
   for the following options:

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

## Message Icon Reference



New/Unread TXT Messages



Opened/Read TXT Messages



New/Unread Picture/Video Messages



Open/Read Picture/Video Messages

## MESSAGING

100 Text/Picture/Video Messages sent

M Message delivered

Text/Picture/Video X Messages failed

Message pending

Multiple Messages sent

图 Multiple Messages delivered

ZX Multiple Messages failed

Multiple Messages S incomplete

Priority High

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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu

Touch Soft Key 💥 .

2. Touch the Messaging icon .



- 3. Touch Drafts.
- 4. Touch a message entry.
- 5. Options from here:
  - Touch the Send touch key **SEND** to send the message.
  - Touch the Options icon

Preview / Save As Draft / Priority Level / Callback #

### Message Icon Reference

Draft Text Message

Draft Picture/Video Message

## 4. Voicemail

Allows you to view the number of new voice messages recorded in the Voicemail box. Once you exceed the storage limit, old messages 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu

Touch Soft Key 💥 .





- 3. Touch Voicemail.
- 4. Options from here:
- Touch the Clear touch key CLEAR to clear the Voicemail counter.
- Press the SEND Key SEND or touch the Call touch key CALL to listen to the message(s).
- Touch the VISUAL VMAIL touch key to use the Visual Voice Mail function.

## 5. Visual Voice Mail

Visual Voice Mail allows the management of voice mail directly from the device rather than accessing voice mail via traditional method(s). Visual Voice Mail displays a list of messages and allows the user to choose which message to listen to or delete, without having to dial into their mailbox, listen to voice instructions. or prior messages.

1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key

- ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Messaging icon .



Touch Visual Voice Mail.

Please note that you may need to download and set up Visual Voice Mail before using it for the first time.

## Mobile IM

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 📆 .
- 2. Touch the Messaging icon .



Touch Mobile IM.

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

## 7. Fmail

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

## MESSAGING

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. Aside from Mobile Email, Corporate Email and Mobile Web Email are also available. Depending on the application, you can receive alerts from your Chocolate® TOUCH when new email has arrived.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Messaging icon .
- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up.
- then touch Fmail. 4. Touch an email service.

Mobile Email/ Corporate Email/ Mobile Web Mail

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

## 8 Chat

Allows you to connect to various messaging services.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 📉 .
- 2. Touch the Messaging icon .



3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Chat.

## 9. Social Network Message

Social Network Message allows you to easily update your Social Network accounts, providing access to VZW Online Album, Facebook. MySpace, Twitter, and more\*. Check with your Service Provider for details.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Messaging icon .



- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Social Network Message.
- Select the Social Network provider option to complete your update.

#### NOTE

For more information, access 'Help' for each Social Network Message option. Help can be found on your device (Messaging -> Social Network Message -> touch the Options icon for the Social Network option -> Help).

\*Social Network Message Options

#### Facebook

Status Update: 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.

Media Upload: Uploads a picture to Facebook from your phone, you need to first activate at facebook.com/mobile and register your phone. After that, you can send picture or video using the Facebook (photo) option in Social Network Message.

## MySpace

Status Update: 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.

#### Twitter

To update Twitter from your phone, first activate your phone at twitter.com/device and follow the instructions, or send a message to Twitter(40404) with only your Twitter ID.

**NOTE** The normal messaging charges will apply.

## 10. Settings

Allows you to configure settings for your messages.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Messaging icon .
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Settings.

## MESSAGING

## 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.

#### 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. Or, select Off.

#### 9. Multimedia Auto Receive

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

#### 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. Or, select Off.

#### 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 48 for the icon indicating a "Message Delivered".

## 11. 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Messaging icon .



3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Erase Options. The options available are:

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

#### 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.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key ...
- 2. Touch the Contacts icon 

  .
- 3. Touch New Contact.
- 4. Enter the name and other contact information for each field.
- Touch a field, enter information, then touch the Done touch key
   DONE
- 5. Touch the Save touch key

  SAVE to save the information.

#### 2. Contact List

Allows you to view your Contact List.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .

Touch Contact List.



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

NOTE From this Contact List, touch the Options icon . 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. Options from here:
  - Touch the Erase touch key
     ERASE to erase the Contact.
  - Touch the Edit touch key

**EDIT** to edit the Contact.

- Touch the Message touch key **MESSAGE** to send the Contact a message.
- Touch the Options icon to select one of the following: Send Name Card/ Set As Favorite / Set As ICF Contact / Set Speed Dial/Remove Speed Dial
- Press the SEND SEND Key to call.

## 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.

Unlock the Touch Screen by sliding

- the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🙀 .
- 2. Touch the Contacts icon .
- 3. Touch Backup Assistant.
- 4. Follow the instructions to download the application.

## 4 Favorites

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

#### SHORTCUT

From the home screen, touch the Favorites icon [34].

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( 🖣 ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- Touch Favorites.
- 4. Touch the Add touch key



- Touch CONTACT or GROUP.
- 6. Mark the contact entry or group to add and touch the Done touch key DONE.

## CONTACTS

**NOTE** To remove a contact or group, go to the Favorites screen and drag a Favorite into the trash can image ( changes to when you begin to drag an item).

## 5. Groups

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Contacts icon
- Touch Groups.
- 4. Options from here:
  - Touch the Options icon 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 the New Group touch key NEW GROUP to add a new group to the list.
  - Touch a group with at least one member in it then Touch

the Options icon 🔳 to select Mark All / Unmark All / Remove All.

Once one or more contacts is marked, touch the Options icon 🔳 to select an option:

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

## 6. Speed Dials

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( 🖣 ) on the right side of your phone and touch the Menu Touch Soft Key 🔀 .



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

# 7. 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.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Contacts icon .
- 3. Touch In Case of Emergency.
- 4. Touch Contact 1, Contact 2 or Contact 3.
- Select a source for the ICE contact: From Contacts, From Favorites or New Contact.
   Touch a Contact entry or create the entry.
- The generic Contact label changes to the specified name.

#### Entering Your ICE Personal Info

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Contacts icon .

- 3. Touch In Case of Emergency.
- 4. Touch Personal Info.
- 5. Touch one of the Note entries.
- Enter information that would be helpful in an emergency (e.g., your medical record number), then touch the Save touch key SAVE

## 8. My Name Card

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

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key ...
- 2. Touch the Contacts icon .
- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch My Name Card.
- 4. Touch the Edit touch key **EDIT**
- 5. Enter your information as necessary, then touch the Save touch key SAVE.

## RECENT CALLS

## RECENT CALLS

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

## Missed

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- Touch the Recent Calls icon



- Touch Missed.
- 4. Touch a Missed Call entry to view the entry. Options from here:
- Touch the Call touch key CALL to place a call to the number.
- Touch the Message touch key MESSAGE to send a message.
- Touch the Contact Information

touch key CONTACT INFO to view the caller's contact entry. OR

Touch the Save touch key SAVE to save the contact information into your Contact List.

 Touch the Options icon Save To Contacts (Contact info) / Erase/Lock(Unlock)/View Timers

## 2. Received

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Recent Calls icon .



- Touch Received.
- 4. Touch a Received Call entry to view the entry. Options from here:
- Touch the Call touch key CALL to place a call to the number.
- Touch the Message touch key

MESSAGE to send a message.

 Touch the Contact Information touch key CONTACT INFO to view the caller's contact entry. OR

Touch the Save touch key SAVE to save the call information into your Contact List.

 Touch the Options icon for the following options:

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

## 3. Dialed

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- Touch the Recent Calls icon
- Touch Dialed.
- 4. Touch a Dialed Call entry to view the entry. Options from here:

- Touch the Call touch key CALL to place a call to the number.
- Touch the Message touch key MESSAGE to send a message.
- Touch the Contact Information touch key CONTACT INFO to view the caller's contact entry.

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

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

#### 4. All

OR

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- 2. Touch the Recent Calls icon ( ).





## RECENT CALLS

- 4. Touch a Call entry to view the entry. Options from here:
- Touch the Call touch key CALL to place a call to the number.
- Touch the Message touch key MESSAGE to send a message.
- Touch the Contact Information touch key CONTACT INFO to view the caller's contact entry. OR

Touch the Save touch key SAVE to save the call information into your Contact List.

 Touch the Options icon 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 SEND Key from Standby mode.

## 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Recent Calls icon ( ).



- Touch View Timers.
- 4. Touch the Reset touch key Reset 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

To reset all the recorded timers at once, touch the Reset All touch key

NOTE Not all Timers can be reset.

## Media Center

## 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, watching video, 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 the Information touch key Info to see the Memory, Music Memory, View Log, Help and About sections. Use the Help option to view information from buying new applications to expired applications.

## 1. Music & Tones

Listen to your music, access VCast Music with Rhapsody 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- 2. Touch the Media Center icon .



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. Scroll the list up and touch Music Settings.
- 4. Touch Music Only, then touch On.

## 1.1 V CAST Music

Transform your wireless device into a portable music player. Download new songs from the Media Center

## Media Center

music catalog right onto your wireless device or a PC. Then you can sync your music between your PC and phone.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- 2. Touch the Media Center icon .



- Touch Music & Tones.
- 4. Touch V CAST Music I Rhapsody.

**NOTE** Additional charges for music may apply. V CAST Music | Rhapsody service is not available in all areas. Check the Verizon Wireless music website (www.verizonwireless.com/ music) for details.

## 1.2 Get New Ringtones

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

1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .

2. Touch the Media Center icon .



- 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.
- V CAST Song ID Allows you to identify a new song and download its Ringtone and more.
- VZW Tones Deluxe Allows you to download Ringtones and more.

## 1.3 My Ringtones

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon 💽.



- Touch Music & Tones.
- 4. Touch My Ringtones.
- 5. Touch a ringtone to select it.

NOTE Touch the Play touch key 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.

## 1.4 My Music

The Chocolate® TOUCH allows you to store and to listen to music right from your phone. Connect to V CAST Music with Rhapsody to download a variety of music, transfer music between your phone and your PC, manage and organize your music files, and more.

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

#### SHORTCUT

- Press side Music Key 🛭 when in Standby mode to easily access My Music.

Or

- Press the Menu Touch Soft Key 📸 and then press the My Music icon [77].
- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon 💽.



- Touch Music & Tones.
- 4. Touch My Music.
- 5. Touch a submenu to access your music.

## Playing Your Music

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

#### Access My Music

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .



- Touch Music & Tones.
- 4. Touch My Music.
- 5. Touch one of the following submenus.

## Media Center

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

## Music Player Controls

Play All Allows you to play all songs.

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 either your phone or PC then transferred between them, but Playlists can only be managed (add and delete songs) from where they were created. If you create a playlist on your PC, make sure to generate it through V CAST Music with Rhapsody so that you can transfer it to your phone.

Artists Allows you to view and play your songs grouped by

artist.

Genres Allows you to view and play songs by genre.

Allows you to view and play songs 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 playlist 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:

in random order.

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

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

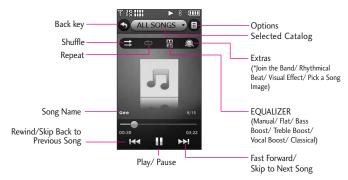
On: Allows you to listen exclusively to your music (as you do with MP3 Players) without being interrupted by calls.

Off: Wireless communications are once again enabled.

#### Music Alerts

Allows you to get alerts when new songs are available from your favorite artists Sign up for Alerts while browsing the VCast catalog, through the Options

#### Music Player Controls



#### TIP

- The Chocolate® TOUCH Music Player has various EQ settings available (Manual, Flat, Bass Boost, Treble Boost, Vocal Boost, Classical) for different playback conditions & sound type.
- Dolby Mobile is an audio processing technology platform that brings rich, vibrant surround sound to music on the Chocolate® TOUCH.
- \* This function allows you to join the band by touching Cymbal, drum or synthesizer and enjoy the music play during the play.

## Media Center

### Controlling the Music Player

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

- Options touch key : Allows you to choose: Exit Player/ Get V CAST Music/ Music Only Mode/ Add To Playlist/ Song Info / Home Screen
- Side Volume Keys : Adjust the volume.

### Landscape mode

While music is playing, rotate the Chocolate® TOUCH device to enter Landscape mode.



#### Background Music Mode

While music is playing, press the PWR/ END Sey (or touch the Options icon [ ] > Home Screen) to move the Music Player to the background of the Standby mode screen.



## Exit From the Music Player

Press the PWR/ END 
Kev twice to exit the Music Plaver.

## 1.5 My FM Radio

Listen to FM broadcasts and music from your phone. Wired headphones, or a headset, are required to use this feature.

#### Access FM Radio

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 📉 .
- 2. Touch the Media Center icon .



- 3. Touch Music & Tones.
- 4. Plug a wired headset into the headset jack located at the top left of the phone.
- 5. Touch My FM Radio.

#### SHORTCUT

With the Touch Screen unlocked and a wired headset plugged in, press the Music Key (located on the right side of the phone), then touch the FM Radio icon

FM Frequency Range: 87.5MHz - 107.9 MHz.

### **Automatic Scan Station Tuning**

Available broadcast stations are dependent on the transmission signal strength in your current location. Touch the Scan Backward/Scan Forward touch keys / >> to scan through the available FMradio transmissions in your area.

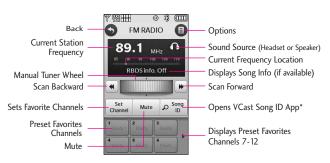
#### Manual Tuner Wheel

Touch and drag your finger across the tuner wheel icon to manally tune to a radio station frequency.

## Setting Favorite Channels/ Stations

Quickly access your favorite stations. Set up to 12 stations with simple touch access

- 1. Access My FM Radio.
- 2. Tune to a station, then touch Set Channel.
- Touch a Preset Favorites Channel touch key at the bottom of the Touch Screen.



\*V CAST Song ID will listen to virtually any recorded music and give you back the title, artist and album.

## Media Center

### Using Saved Favorite Channels/ Stations

- From My FM Radio, touch any preset station to automatically tune to it.
- From Standby mode with FM Radio playing in the background

Touch the Preset Station List touch key to display your preset favorite stations. Use your fingertip to scroll the list up or down. Touch the preset station you want to listen to.



#### **FM Radio Options**

While using the My FM Radio, touch the Options icon to select from the following options:

 Exit FM Radio Exits to Standby mode.

- Auto scan Automatically scans for available radio frequencies.
   Erase channel Erases the current preset channel.
- Reset all channels Resets all preset FM Radio channels.
- RBDS info On/ Off Toggles
   Radio Broadcast Data System
   display info on or off.
- Listen Via Allows you to switch between listening from the headset or phone's speaker.
- Go to My Music Returns to My Music.
- Home Screen Exits to Standby mode with FM Radio playing in the background.

#### FM Radio Icon Reference

Icons at the top of the LCD screen indicate the FM Radio status.

FM Radio playing.

FM Radio paused.

## 1.6 My Sounds

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 📸 .
- 2. Touch the Media Center icon .



- Touch Music & Tones.
- 4. Touch My Sounds.
- 5. Touch the Record New touch key • RECORD NEW . Or touch a sound using your fingertip.

Options for preloaded sounds: Set As/ Send/ To Online Album/ Erase All/ File Info

Options for user-recorded sounds:

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

## 1.7 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) and vice versa. Transfer music you purchased from the online V CAST Music | Rhapsody Music Store to your PC.

**NOTE** A compatible USB cable is required for syncing.

#### Download music to your PC

- 1. Open V CAST Music with Rhapsody. Don't have V CAST Music with Rhapsody? Dowload it for free at verizonwireless.com/music
- 2. Log in.
- 3. Once logged in you can perform any one of the following actions:
- Download a PC copy of a track purchased over the air
- Purchase songs or albums
- Add subscription music to your library

## Downloading PC Copy

NOTE For each V CAST Music with Rhapsody track you've downloaded to your phone, you can download a copy to your computer at no additional charge.

a. Song tracks available for download will pop-up upon log

## Media Center

in completion.

- b. Check the boxes of songs you wish to download.
- c. Select "Download Tracks".

To purchase music:

- a. Browse the catalog and select the track or album you wish to purchase.
- b. Re-enter your password.
- c. Confirm the purchase and the download will begin shortly.

Adding Subscription Music

**NOTE** V CAST Music with Rhapsody monthly subscription required.

- a. Add music to your collection by simply dragging and dropping it to My Library or, if connected, your V CAST Music with Rhapsody subscription capable device (both found under Sources). This can also be done easily by clicking on the Add button next to each song.
- To play the song or album, find it and select it in the My Library tab.

Sync your music from your PC to your wireless device

This option allows you to transfer music files from your PC. In order to

use this option, you must install V CAST Music with Rhapsody on your PC.

- Open V CAST Music with Rhapsody. Don't have V CAST MUSIC with Rhapsody? Download it for free at verizonwireless.com/music
- Plug in the USB cable to your phone and connect it to a USB port on your PC.
- From the main screen on your phone, the SYNC MUSIC V CAST MOBILE PHONE display appears. Your phone should display the message: Connected.
- Drag and drop the song(s) you want to sync from My Library, to your V CAST mobile phone, listed under the Sources tab.

Once synchronization is complete, press the PWR/END Key and disconnect the USB cable.

# 2. Picture & Video

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

#### **Access and Options**

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon .



- 3. Touch Picture & Video.
- 4. Touch a submenu.

## 2.1 V CAST Videos

V CAST Video brings the world to your mobile phone with full-motion video and sound. Catch up with what's happening with video clips from various categories and genres (including Entertainment, Kids, Music, Sports, Comedy, News and more!). Please note that you must be in a V Cast coverage area. Additional fees may apply.

1. Unlock the Touch Screen by sliding the Slide icon May up to unlock or press the Unlock Key

- ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon .



- Touch Picture & Video.
- 4. Touch V CAST Videos.

Browsing, Selecting, and Playing Video Clips

- Access V CAST Videos.
- 2. Touch a catalog category to browse the various Video Clips available.
- 3. Select content provider, then touch a file to view it.

To download a Video Clip

- Access V CAST Videos.
- 2. Navigate thru the submenus and find a video you can download.
- 3. Use your fingertip to scroll to find the video clip you want, then read the description of the video clip and select the video clip to download.
- 4. Touch Yes to accept charges, touch the OK touch key OK and the video clip will initiate downloading of video.
- Once video is downloaded a

# Media Center

message will appear on your phone. Touch Yes, the video will play automatically.

Saved video clips are automatically saved in My Videos.

NOTE Not all videos are downloadable. Only videos that have the option to save can be downloaded. Additional charges for each video clip viewed may apply.

#### **Deleting Video Clips**

- Access V CAST Videos.
- Touch My Videos.
- 3. Touch Video to delete.
- 4. Touch the Options icon 🔳 and touch Erase.
- 5. Touch Yes to erase Video.

## Configure Alerts for New Video

- Access V CAST Videos.
- 2. Touch the Options key OPTIONS on the bottom right of the screen.
- 3. Touch Alerts.
- 4. Touch Configure Alerts.
- 5. Touch the Content Provider you want to receive Alerts from.
- 6. Select Save to confirm your selection.

#### 2.2 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon .



- Touch Picture & Video.
- 4. Touch Get New Pictures.
- Touch Get New Applications for the available Picture downloading applications.

## 2.3 My Pictures

Allows you to view photos stored in the phone.

#### SHORTCUT

Unlock the Touch Screen by sliding the image up or press the Unlock Key ( ) on the right side of your phone, touch the Shortcut icon do to access the Shortcut menu, then touch the My Pictures icon 🔝.

1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key

- ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon 🔃.



- Touch Picture & Video.
- 4. Touch My Pictures.
- 5. Touch your desired picture.

## Options from here:

- Touch the Send touch key **SEND** to send a picture by message, to an online album, social network or Via Bluetooth.
- Touch the Erase touch key **ERASE** to erase picture.
- Touch the Favorite touch key **FAVORITE** to set as favorite.
- Touch the Options icon for the options below:

**Options for Standard Images:** 

Set As Wallpaper/ Picture ID

Take Picture Turns on the camera function.

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

Slide Show Allows you to view the picture gallery as slide show. Edit To edit the image.

Rename To rename the image.

Print Via Bluetooth/ Preference

File Info Name/ Date/ Time/ Resolution/Size/Type

**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

# 2.4 My Videos

Allows you to view videos stored in the phone.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu
- 2. Touch the Media Center icon .



Touch Picture & Video.

- 4. Touch My Videos.
- 5. From here you can select a video to play or manage your videos.

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- Touch a video file to play it.
- Touch the Options icon to select one of the following options (options are dependent on file types).

V CAST Videos Accesses V CAST Videos feature.

Record Video Turns on the video camera function.

Erase Allows you to select video(s) to erase.

Move Allows you to select video(s) to move between your phone and microSD card.

Lock/ Unlock Allows you to select video(s) to Lock/ Unlock.

Erase All From Card/ From Phone

## **Video Player Options**

While the video is playing, touch the screen to access the on-screen options.



## 2.5 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

The Side Camera Key ( ) is a shortcut key to Take Picture in Standby mode. Press and hold the Camera Key to record Video.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Media Center icon .



- 3. Touch Picture & Video.
- 4. Touch Take Picture.
- Touch the screen to set camera options. For more information on

how to use the camera, see the Camera section on page 36.

 Select the option(s) to customize.

## **Brightness**

White Balance Auto/ Sunny/ Cloudy/ Fluorescent/ Glow

Shot Types Normal/Panorama/ Intelligent/ Facial Makeover

Resolution 2048X1536/ 1600X1200/ 1280X960/ 800X480/640X480

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

Auto Save On/Off

Save Option Internal/External

Video Switches to the Record function

- 6. Touch the Take Picture touch key Take to take the picture.
- 7. Touch the Save Picture touch key Save . The picture is stored in My Pictures.

# Media Center

#### 2.6 Record Video

Lets you record a video message with sound.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon 🕡.



- Touch Picture & Video.
- 4. Touch Record Video.
- 5. Touch the screen to set Video options. For more information on how to use Video recording, see page 38.
- Select the option(s) to customize.

#### **Brightness**

White Balance Auto/Sunny/ Cloudy/ Fluorescent/ Glow

Recording Time For Send/ For Save

Resolution 320X240/ 176X144

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

#### Auto Save On/ Off

Save Option Internal/ External

Camera Switches to the Camera function

6. Record a video by touching the Record touch key Record, then touch the Stop touch key Stop to end recording.

NOTE You can also press the side Camera Key to start and stop recording.

7. Touch the Save touch key Save . The video clip is stored in My Videos.

#### 2.7 Online Album

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon .
- Touch Picture & Video.

- Touch Online Album.
- 5. Login to access your Online Album.

## 3. Games

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Media Center icon 💽.



- 3. Touch Games.
- 4. Touch a game to play or touch Get New Applications.

## 4. Browse & Download

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

1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .

2. Touch the Media Center icon .



- Touch Browse & Download.
- 4. Touch an application or touch Get New Applications.

#### City ID

City ID is an enhanced Caller ID feature on select Verizon Wireless handsets that automatically displays the city and state of every wireless call received. City ID reads the area code and local exchange of an incoming call and displays the location associated with that number. City ID includes over 20.000 cities, towns and neighborhoods in North America and over 200 country codes from around the world - providing mobile subscribers with a remarkably accurate tool to help identify incoming callers.

City ID enabled handsets also feature outgoing and call log identification which displays the city and state of outgoing calls as well as calls within the handset's call history.

City ID is a feature with a free trial that works automatically displaying the city and state with the very first incoming phone call.

# Media Center

After the free trial period, subscribers will receive a message to purchase the application.

Subscribers are then presented with the available purchase options. If after purchasing City ID a subscriber decides to cancel the application, the subscriber can follow the standard Media Center process to cancel a subscription.

- 3. To purchase City ID if you said "no" during the trial?
  - 1. Touch the Menu icon



- Touch the Media Center icon
   Touch Browse & Download

4. Touch City ID

- 5. Touch **Subcription Status**, then touch **Subscribe Now** to purchase the application.
- Application Downloads. After the application is successfully installed, touch "yes" to run City ID or "no" to return to Get It Now.
- Touch End to return to Main Menu.

More Available Applications...

## **VZ** Navigator<sup>SM</sup>

VZ Navigator<sup>SM</sup> 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 Navigator<sup>SM</sup> 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 Navigator<sup>sM</sup>, you must turn Location On (see page 107).
- 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.

#### Visual Voice Mail

Visual Voice Mail allows the management of voice mail directly from the device rather than accessing voice mail via traditional method(s). Visual Voice Mail

displays a list of messages and allows the user to choose which message to listen to or delete, without having to dial into their mailbox, listen to voice instructions, or prior messages.

## How to set up Visual Voice Mail

- If you are an existing Verizon
  Wireless subscriber, skip to step 2.
   If you are a new Verizon Wireless
  subscriber, first dial \*86 to set up
  your voice mail service.
- Unlock the Touch Screen and touch the Menu Touch Soft Key
   then touch the Message icon
- 3. Touch Visual Voice Mail.
- Upon opening the link to Visual Voice Mail, a message will be played promoting the benefits of Visual Voice Mail.
- 5. Follow the prompts to download the application.
- 6. When prompted, enter your basic voice mail password that was previously established.\*
- 7. Continue to follow the prompts and instructions to complete the

- download and activation of Visual Voice Mail.
- Once the activation steps are completed, exit the application and return after 5 minutes to begin using Visual Voice Mail.
- Please note that storing a voice mail password is required to use Visual Voice Mail. This application may store voice mail messages in electronic format on this device

Anyone in possession of this device can access the voice mail. To limit unauthorized access to your voice mail, consider locking the phone when not in use. Cancellation of Visual Voice Mail cannot be completed via the device. Please contact Customer Service or go to My Verizon at verizonwireless.com if you need to cancel your Visual Voice mail service. Visual Voice Mail and traditional Voice Mail may not always be synchronized and if you cancel Visual Voice Mail you may lose all stored voice mails and information. To avoid losing all stored voice mails and information. save your voice mail in an audio format onto a phone's internal memory, removable memory or send the audio file as a message using

# Media Center

picture messaging or email. Once you have registered for My Verizon, you will have the ability to reset your voice mail password online or via your Web capable wireless device.

NOTE Voice Mail may not be available in some areas. Voice Mailboxes not set up within 45 days will be cancelled. Your Verizon Wireless Voice Mailbox is not password protected until you create a password by following the setup tutorial. Airtime and other charges will be incurred when using Voice Mail from your wireless phone. IN Calling minutes do not apply to Voice Mail retrievals; you will be charged to maintain your connection to Voice Mail. Verizon Wireless is not liable for missed messages, or messages deleted from your Voice Mailbox, even if you have saved them.

#### Mobile Fmail

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 Chocolate® TOUCH when new email has arrived. Additional fees may apply.

See brochure for details or visit www.verizonwireless.com.

## Corporate Email

The Corporate Email service is a pre-paid service provided by RemoSync, offering convenience and flexibility to customers who frequently deal in bulk mail. Additional fees may apply. See brochure for details or visit www.verizonwireless.com.

#### **Backup Assistant**

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

## 5. Extras

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Media Center icon .



- Touch Extras.
- 4. Touch Get New Applications.

## 6. Info

Allows you to access info about Media Center.

- 1. Unlock the Touch Screen by sliding the Slide icon a up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Media Center icon 🕡.



- Touch Info.
- 4. Touch Memory/ Music Memory/ View Log/ Help/ About.

# My Music

Allows you to store and to listen to music right from your phone. Connect to V CAST Music with Rhapsody to download a variety of music, transfer music between your phone and your PC, manage and organize your music files, and more. For more details on using this feature, please see the My Music section on page 63.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the My Music icon



# Browser

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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .

# **Ending a Browser Session**

End a Browser session by pressing the PWR/END A Key.

# **Browser Navigating**

Accessing embedded links and content

Select items or links by touching it on the screen.

HINT: If you're having trouble touching the exact link on the screen, use the zoom function to zoom in so that there is a larger area to touch to activate your selection on the Touch Screen. Zoom in or out using the Side Volume Keys.

## 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 for your pen-like stylus because it could scratch vour screen.

## Returning to Home Page

Touch the Command bar icon then touch the Home icon .

#### **Browser Menu Options**

Touch the Command bar icon then touch the Options icon  $\blacksquare$ .



- Full Screen View Use the whole screen, including the annuciator and command bar area, to view pages.
- WWW Takes you to the VZW Go To Site where you can enter the

Web address you wish to visit.

- Add Favorite Allows you to add the current page as a Favorite/ Bookmark.
- Find on Page Allows you to search for text you want to find in the web page.
- Search Allows you to go to the Search page on the VZW Mobile Web portal.
- History Displays list of visited web pages.
- Optimized View Takes you to the page where you can select to have Webpages optimized for your phone.
- Display Mode Changes how the phone displays loaded pages.
   The options are:

Standard Displays a standard Browser screen with vertical and horizontal page navigation.

Page Overview Will zoom out to display the entire web page in one screen.

Fixed Width Displays web contents to fit the size of the screen. Allows vertical navigation only.

Text Only Displays only text and excludes images used in the Web page.

- Send URL Allows you to send the link of the current page via a text message.
- Settings Allows you to configure to your preferred Browser settings. The options are:

Homepage Allows you to select your Home Page.

JavaScript ON / OFF

Feed settings 25 items/ 50 items/ 75 items

RSS Update mode Automatic/ Manual

Security Cookies/ Send Referrer/ Authentication Caching/ SSL3.0/ TLS 1.0/ Root Certificates/ Current Certificate

Manage Memory Allows you to erase different types of items stored by your browser.

Restore Defaults Allows you to restore to the default Home Page, Display Mode, Security, and Feed settings; or, to Restore All **Information** Shows Web Page Information or Browser Information.

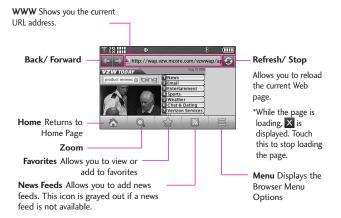
# Entering/Deleting Text, Numbers or Symbols

When a text entry field is touched or tapped, a Touch Keypad will pop up for you to enter letters,

numbers, and/or symbols. Simply touch the characters you want and touch the Clear touch key - CLR to delete.

TIP When entering text in an entry field, turn the device 90 degrees (counterclockwise) to be able to type in landscape mode.

#### Command bar icons on the Touch Screen



## **ZOOM Options**

- 1. Access the Browser.
- 2. Touch the Zoom icon \( \text{\text{\$\text{\$\sigma}\$}} \) to display the zoom button.
- Touch the Plus Zoom icon 🛨 to zoom in and touch the Minus Zoom icon 🗕 to zoom out.
- A double tap automatically zooms out as much as possible. A second double tap will Zoom in to the previous Zoom level.

#### Zoom With the Touch Screen



Zoom buttons

## Using RSS reader

RSS (Really Simple Syndication) is a family of web feed formats used to publish frequently updated content such as blog entries, news headlines or podcasts. An RSS document, which is called a feed, web feed, or channel contains either a summary of content from an associated web site or the full text. RSS makes it possible for people to keep up with their favorite web sites in an automated manner that is easier than checking them manually.

## 1) Add New Feed

When a web page finishes loading, the RSS Feed Indicator will appear if an RSS feed is available. Touch the RSS Feed indicator icon and select the feed you want to save.



RSS Feed Indicator





Feed Update Button -

## 2) Update Feeds

Touch the Command bar icon touch the RSS Feeds icon > Touch the Feed Update icon.

# Search

The Search (bing) application provides Verizon Wireless subscribers with a superior, comprehensive mobile search (bing) experience that includes highly relevant search results from top quality content sources and results from VZW content downloadable catalogs, Web / Wap and Local POL

Mobile Search (bing) develops a user experience that:

- Provides search results from Web. & WAP. Local POI and VZW Downloadable Content catalogs.
- Provides the most relevant set of results from top-quality content sources for the broadest set of mobile queries (increase number of users who click through to top results on a query).
- Provides a high probability action result set.

#### **Access and Options**

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Search icon



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

# Email/ VZ Navigator

# **Fmail**

The Email applications allow you to send and receive email so you don't miss an important email. Get your emails on your phone, while you're on the go using applications downloaded from the following providers:

- Mobile Email
- Corporate Email
- Mobile Web Mail

#### Access and Options

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch
- 2. Touch the Email icon .



# **VZ** Navigator

The VZ Navigator Menu 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 and Options

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 😭 .
- 2. Touch the VZ Navigator icon

## 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 the Options icon , touch INFO and then touch the Voice Command option for more information.

#### **Access Voice Commands**

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Tools icon 🧓
- 3. Touch Voice Commands.

Voice Commands Settings
To customize your voice commands, touch the Options icon , 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 Settings Info.

#### Using Voice Commands

To access the Voice Command options (below):

- 1. From Standby Mode, press the Clear/Voice Command Key
- When prompted, say the name of the function (below) 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, to time and date.

#### 1.1.5 Contacts < Name >

You can look up names in your Contacts (for example, say "Lookup 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. You can enter numbers up to eight digits.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Tools icon 🧓.
- 3. Touch Calculator.
- 4. Enter the numbers and operators to get the calculation you want.
- 5. Touch the Equals icon to view the result.

NOTE Touch these icons () ^ +- to add parentheses, power, 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.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key ...
- 2. Touch the Tools icon 🥋.
- 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. Touch the Reset touch key **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.

## Tools

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Tools icon



Touch Calendar.

#### TIP

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

- 4. Touch to select a day.
- 5. Touch the Add touch key ADD .
- 6. Touch Subject field to enter text.
- 7. Scroll and touch the other Calendar setting fields. For each Calendar event you can set:
  - Start Time Fnd Time
  - Repeat
- Until
- Alerts
- Tones
- Vibrate
- 8. Touch the Save touch key SAVE when Calendar information is complete.

# 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 Shortcut icon to access the Shortcut menu, then touch the Alarm Clock Icon 📳 .

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Tools icon
- Touch Alarm Clock.
- 4. Touch the Add touch key ADD . (Up to 10 can be added).
- 5. Touch the fields to edit the alarm information, including:
  - Set Time Repeat
  - Ringtone
- 6. Touch the Save touch key SAVE after setting all of the Alarm fields as necessary.

# 6. Stopwatch

Allows you to use your phone as a stopwatch.

1. Unlock the Touch Screen by sliding

the Slide icon up to unlock or press the Unlock Key ( 🛭 ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .

2. Touch the Tools icon 🚓.



- 3. Touch Stopwatch.
- 4. Touch the Start touch key **START**, the other options are:
  - STOP LAP .
  - RESET
     RESUME

# 7. World Clock

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( 🖣 ) on the right side of your phone and touch the Menu Touch Soft Key 📸 .
- 2. Touch the Tools icon
- Touch World Clock.
- 4. Touch the Cities touch key CITIES to choose from a list of available cities.

**NOTE** Touch the Go To touch key GO TO to search for the city by typing into the search field.

5. Touch a city in the list.

- The display shows the position of the city on a global map.
- 6. Touch the OK touch key OK to zoom in on the city and view its date and time infomation.

NOTE Touch the Set Daylight Saving Time touch key SET DST set to daylight saving time.

# 8. Notepad

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 📉 .
- 2. Touch the Tools icon 🧓.
- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Notepad.
- 4. Touch the Add touch key ADD to write a new note.

NOTE Touch the Text Entry touch key Abc to change the entry mode

5. After filling in the note, touch the Done touch key DONE.

# 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.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key ...
- 2. Touch the Tools icon 🧓 .
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Drawing Pad.
- 4. Touch the Add touch key **ADD** .
- 5. Touch the Color Palette touch key

  to choose color, touch Pen
  Size touch key

  to choose
  the pen size, touch Eraser touch
  key

  to choose the eraser size,
  touch the Undo touch key

  undo, and touch the Save touch
  key

  to save.
- 6. Once the drawing is saved, touch the drawing to view it. Once opened, you can touch the Options icon to set 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 to your Windows® XP or Windows Vista™ PC with a compatible USB cable. Mac OS operating system is not supported.

- NOTE Do not insert or remove the microSD™ card while the PC is playing, deleting or downloading files.
- Connect the Phone with a PC using an LG USB adapter.
- 2. Unlock the screen, if necessary.
- The Sync Music screen will show on your phone. Touch the Drop touch key DROP to exit this screen.
- 4. Touch the Menu Touch Soft Key 🔐 .
- Touch the Tools icon
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch USB Mass Storage.
- 7. Touch the Exit touch key to close the connection.

# **Settings**

# 1. My Verizon

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

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🎡 .
- 3. Touch My Verizon.

## 2. Bluetooth Menu

The Chocolate® TOUCH is compatible with devices that support the Bluetooth® Headset, Handsfree, Dial Up Networking, Stereo, Phonebook Access, Basic Printing, Object Push\* File Transfer, Basic Imaging and Human Interface profiles\*\*. You may create and store 20 pairings within the Chocolate® 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 QD ID B015677

#### **SHORTCUT**

Unlock the Touch Screen and touch the Shortcut icon to access the Shortcut menu, then touch the Bluetooth® Icon.

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

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

> \*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

- Follow the Bluetooth® accessory instructions to set the device to pairing mode.
- 2. Unlock the Touch Screen by sliding the image up to unlock or

# Settings

press the Unlock Key ( ) on the right side of your phone and touch to access the menu.

- 3. Touch the Settings icon 🌞 .
- 4. Touch Bluetooth Menu.
- 5. Touch the Add touch key ADD.
- 6. Touch the Start touch key **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.
- 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 the REFRESH Touch Key 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 Chocolate® TOUCH device



When a PC is found by your Chocolate® TOUCH device



When a PDA is found by your Chocolate® TOUCH device



When another phone device is found by your Chocolate® TOUCH device



When a printer is found by your Chocolate® TOUCH device



When other undefined devices are found by your Chocolate® TOUCH device



When a keyboard is found by your Chocolate® 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- Touch Bluetooth Menu.
- 4. Touch the Options icon .
- 5. Touch My Device Info.
- Touch the Rename Device touch key RENAME DEVICE
- 7. Use the pop-up keypad to edit the phone's Bluetooth® name and touch the Done touch key DONE .

# 2.2 Discovery Mode

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

1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key

- ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- Touch Bluetooth Menu.

Simply touch the Show touch key **SHOW** to enter Discovery Mode.

- 4. Touch the Options icon .
- Touch Discovery Mode.
- 6. Touch a setting. On/Off

# 2.3 Supported Profiles

Allows you to see profiles that your Chocolate® TOUCH phone can support.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon
- 3. Touch Bluetooth Menu.
- 4. Touch the Options icon .
- 5. Touch Supported Profiles.
- 6. Touch a Profile for more information about it.

# Settings

#### 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, just 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.

- 2. Touch the Settings icon 🌞 .
- 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key :.
- 2. Touch the Settings icon 🌼 .
- 3. Touch Sounds Settings.
- 4. Touch Master Volume.
- Adjust the volume by touching more or fewer volume bars and touch SET to save the setting.

#### 3.3 Call Sounds

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

- 2. Touch the Settings icon 🌞 .
- 3. Touch Sounds Settings.
- Touch Call Sounds.
- 5. Touch a Call Sounds submenu.

  Call Ringtone / Call Vibrate /
  Caller ID Announcement

#### 3.3.1 Call Ringtone

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .



- 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- 2. Touch the Settings icon 🌼 .



- 3. Touch Sounds Settings.
- Touch Call Sounds.
- 5. Touch Call Vibrate to toggle the setting.

On/Off

#### 3.3.3 Call ID Readout

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .



- 3. Touch Sounds Settings.
- 4. Touch Call Sounds.
- Touch Call ID Readout.
- 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Sounds Settings.

# 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).

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon
- 3. Touch Sounds Settings.
- 4. Touch Button Sounds.
- 5. Adjust the volume by touching more or fewer volume bars and touch the Set touch key **SET** to save the setting.

## 3.6 Digit Dial Readout

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

- 2. Touch the Settings icon 🌼 .
- 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 four Alert options to either On or Off.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🌞 .
- 3. Touch Sounds Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward

- pressure to scroll the list up. then 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.

#### 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.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- 2. Touch the Settings icon 🌼 .
- Touch Sounds Settings.
- 4. Place your finger on the Touch

- Screen and apply gentle upward pressure to scroll the list up. then touch Power On/Off.
- 5. Touch Power On Sound / Power On Vibrate / Power Off Sound / Power Off Vibrate 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Settings icon
- 3. Touch Display Settings.
- 4. Touch Easy Set-Up.
- 5. Follow the prompts to set the Display settings for your phone.

# Settings

## 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

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🌼 .
- Touch Display Settings.
- 4. Touch Banner.
- 5. Touch Personal Banner.
- 6. Enter the banner text and touch the Done touch key **DONE** .
- NOTE To change the font color, touch the Options icon ... touch Font Color, touch the color you want, then touch the OK touch key OK.

#### 4.2.2 ERI Banner

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

 Unlock the Touch Screen by sliding the Slide icon up to

- unlock or press the Unlock Key (  $\frac{1}{2}$  ) on the right side of your phone and touch the Menu Touch Soft Key ...
- 2. Touch the Settings icon 🌼 .
- 3. Touch Display Settings.
- 4. Touch Banner.
- Touch ERI Banner to toggle the setting.

On/ Off

# 4.3 Backlight

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

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🌞 .
- 3. Touch Display Settings.
- 4. Touch Backlight.
- Touch a Backlight setting.
   Seconds/ 15 Seconds/ 30 Seconds/ 1 Minute

# 4.4 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- 3. Touch Display Settings.
- 4. Touch Wallpaper.
- Touch a submenu. My Pictures/ My Videos/ Fun Animations
- 6. Touch your choice, then touch Select. Set or the Fun. Animation to select it.

NOTE When selecting a picture, touch the Adjust touch key ADJUST to adjust placement and/ or zoom.

# 4.5 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Display Settings. 4. Touch Charging Screen.
- 5. Touch a setting. No Image/ Desk Clock/ Calendar

# 4.6 Display Themes

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon

# Settings

- 3. Touch Display Settings.
- 4. Touch Display Themes.
- 5. Touch a setting. Hi-Fi/ Shooting Star

## 4.7 Fonts

Allows you to set menu fonts.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Display Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then touch Fonts.
- 5. Touch a setting. VZW Font/ LG Serif/ LG Joy

#### 4 8 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 sliding the Slide icon up to

- unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Display Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Dial Fonts.
- Touch a setting. Normal/Large

#### 4.9 Clock Format

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- 3. Touch Display Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then touch Clock Format.
- Touch a setting. Normal/Analog/Digital 12/

# Large Digital 12/ Digital 24/ Large Digital 24/ Dual/ Off

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

## 4.10 Shortcut Bin

Displays or hides the Shortcut icon ( ) on the Standby Screen.

- 2. Touch the Settings icon 🄯 .
- 3. Touch Display Settings.
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Shortcut Bin to toggle the setting.

On/Off

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

## 4.11 Music Handle

Displays or hides the Music shortcut icon ( ) on the Standby Screen.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key (1) on the right side of your phone and touch the Menu Touch Soft Key ...
- 2. Touch the Settings icon 🌼 .
- 3. Touch Display Settings.
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Music Handle to toggle the setting.

On/ Off

NOTE On the Standby screen, you can change the vertical placement of the Music Handle Touch Key by touching and dragging it.

# 5. Touch Settings

Allows you to customize the settings for your phone's Touch Screen.

 Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key

# Settings

- ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- 2. Touch the Settings icon 🌼 . 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

# 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 (such as Chaperone) will not function completely.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- 3. Touch Phone Settings.
- 4. Touch Airplane Mode.
- 5. Touch a setting. On/ Off

#### 6.2 Voice Commands

Allows you to set Voice Command settings.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🎇 .
- 2. Touch the Settings icon .
- 3. Touch Phone Settings.
- 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

### 6.3 Language

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Phone Settings.
- 4. Touch Language.

Touch a setting.English/ Español

#### 6.4 Location

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

- 2. Touch the Settings icon 🎏 .
- 3. Touch Phone Settings.
- 4. Touch Location.
- 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 (such as Chaperone) will not function completely.

### 6.5 Current Country

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

- 2. Touch the Settings icon 🌞 .
- 3. Touch Phone Settings.
- 4. Touch Current Country.
- 5. Touch a desired country.

#### 6.6 Security

The Security menu allows you to secure the phone electronically.

 Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your

- phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Phone Settings.
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then 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.

#### 6.6.1 Fdit Codes

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

- 2. Touch the Settings icon 🌼 .
- 3. Touch Phone Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward

- pressure to scroll the list up, then touch Security.
- 5. Enter the four-digit lock code.
- Touch Edit Codes.
- 7. Touch Phone Only or Calls & Services, then enter your new lock code. Enter it again to confirm it.

#### 6.6.2 Restrictions

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .



- 3. Touch Phone Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then touch Security.
- 5. Enter the four-digit lock code.
- 6. Touch Restrictions.
- 7. Enter the four-digit PIN code.

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

Dial-up Modem Allow All/ Block All

#### 6.6.3 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 sliding the Slide icon up to unlock or press the Unlock Key
  - ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .

- 2. Touch the Settings icon 🌞 .
- 3. Touch Phone Settings.
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Security.
- 5. Enter the four-digit lock code.
- 6. Touch Phone Lock.
- 7. Touch a setting.

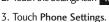
Unlocked The phone is not locked (Lock mode can be used).

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

#### 6.6.4 Lock Phone Now

Allows you to quickly lock the phone.

- 2. Touch the Settings icon 🎡 .



4. Place your finger on the Touch

- Screen and apply gentle upward pressure to scroll the list up, then touch Security.
- 5. Enter the four-digit lock code.
- 6. Touch Lock Phone Now.

#### 6.6.5 Reset Default

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

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key ...
- 2. Touch the Settings icon 🌞 .
- 3. Touch Phone Settings.
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Security.
- 5. Enter the four-digit lock code.
- 6. Touch Reset Default.
- After reading the warning message, touch the OK touch key OK .
- 8. Touch Revert.

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

#### 6.6.6 Restore Phone

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Phone Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then touch Security.
- 5. Enter the four-digit lock code.
- Touch Restore Phone.
- 7. After reading the warning message, touch the OK touch key OK .
- 8. Enter the four-digit lock code.

# 6.7 System Select

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- 3. Touch Phone Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch System Select.
- Touch a setting.

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

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

#### 6.8 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- 3. Touch Phone Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch NAM Select.
- 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- Touch Call Settings.
- 4. Touch Answer Options.
- 5. Touch the setting(s) you want.

Any Key/ Auto with Handsfree

6. Touch the Done touch key DONE .

### 7.2 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Touch Call Settings.
- 4. Touch Show Dialpad.
- 5. Touch the setting(s) you want.

- Voicemail/Toll-free/ All Calls/ Customized Number
- 6. Touch the Done touch key **DONE** .

#### 7.3 Auto Retry

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

- 2. Touch the Settings icon 🄯 .
- 3. Touch Call Settings.
- 4. Touch Auto Retry.
- Touch a setting.
   Off/ Every 10 Seconds/ Every 30 Seconds/ Every 60
   Seconds

#### 7.4 TTY Mode

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

#### 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	

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .



- Touch Call Settings.
- 4. Touch TTY Mode.
- 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 + 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.
- Make a phone connection to the desired number.
- 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.

#### 7.5 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .



- 3. Touch Call Settings.
- 4. Touch One Touch Dial to toggle the setting.

On/Off

# 7.6 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.

1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu

Touch Soft Key 🔀 .

- 2. Touch the Settings icon 🌼 .
- 3. Touch Call Settings.
- 4. Touch Voice Privacy to toggle the setting.

On/Off

#### 7.7 DTMF Tones

Allows you to set the DTMF tone length.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- Touch Call Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then touch DTMF Tones.
- Touch a setting. Normal/Long

# 7.8 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 3.
- 2. Touch the Settings icon .



- 3. Touch Call Settings.
- 4. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then 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 Set 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 the Save touch key 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 Auto Detection

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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .
- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then touch USB Auto Detection.
- Touch a setting. Media Sync Mode/ Modem Mode/ Ask On Plug

# 9. Memory

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

The Chocolate® TOUCH can access the following file types stored on the removable microSD™ card

My Pictures: png, jpg, bmp, gif My Videos: 3gp, 3g2, wmv (files with DRM protection may not play)

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

My Music: wma, mp3, m4a

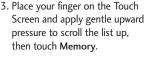
My Sounds: mid, qcp, midi, aac, mp3, wav, amr

My Contacts: vcf

# 9.1 Save Options

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

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🌋 .

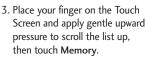


- Touch Save Options.
- Touch Pictures/ Videos/ Sounds/ Ringtones.
- Touch Phone Memory/ Card Memory.

# 9.2 Phone Memory

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

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🌞 .



- 4. Touch Phone Memory.
- Touch Memory Usage/ My Pictures/ My Videos/ 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon 🌼 .



- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then touch Memory.
- 4. Touch Card Memory.
- 5. Touch Memory Usage/ My Pictures/ My Videos/

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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu
- Touch Soft Key 💥 . 2. Touch the Settings icon .
- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Phone Info.

	Store on Chocolate® 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/ Video	•			
Picture/ Video (user-generated or received via MMS)	•	•	•	•

### 10.1 My Number

Allows you to view your phone number.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up.

then 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. MFID Version, OTADM Version. and Warranty Date Code.

- 1. Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 🔐 .
- 2. Touch the Settings icon 🌼 .



- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up. then 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 sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key 💥 .
- 2. Touch the Settings icon .
- 3. Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then 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.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🎡 .
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Phone Info.
- 4. Touch Software Update.
- 5. Touch Status.

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.

# 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.

- Unlock the Touch Screen by sliding the Slide icon up to unlock or press the Unlock Key ( ) on the right side of your phone and touch the Menu Touch Soft Key .
- 2. Touch the Settings icon 🌞 .
- Place your finger on the Touch Screen and apply gentle upward pressure to scroll the list up, then touch Set-Up Wizard.
- 4. Follow the screen prompts to set your phone settings.

# **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 shortcircuit 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 and 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 shortcircuit 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, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

# 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/he aring

# 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/n oise/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.

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

Under the law, the FDA does not review the safety of radiationemitting 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 cancercausing 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.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

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

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists

and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques", sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissuesimulating 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/RadiationEmittin gProductsandProcedures/HomeBu sinessandEntertainment/CellPhone s/default.htm)

Federal Communications Commission (FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety) International Commission on Non**lonizing 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:

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.
- When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether vou 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.
- 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!
- 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 Counsel on Radiation Protection and Measurement (NCRP) and the Institute of **Electrical and Electronics Engineers** (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry,

government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

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

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

operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

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

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

Body-worn accessories that cannot maintain 0.79 inches (2.0 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC 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 1.46 W/kg and when worn on the body, as described in this user's manual, is 0.790 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.

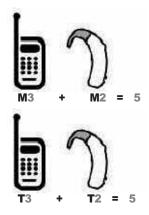
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate 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 "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 enter that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN(this phone does not have WLAN) components must be disabled during a call. See Page 95 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

# Accessories

There are a variety of 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.



## LIMITED WARRANTY STATEMENT

## 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
- (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 DOFS NOT COVER:

- 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 HERFIN, I.G. SHALL NOT BE HABLE 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 Calc**

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

### Advanced Voice Recognition

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

# Bluetooth® wireless technology

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

### Media Center

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

### microSD™

Additional external memory for your mobile phone.

### V CAST<sup>SM</sup>

Feature that is the next generation in wireless technology which transforms your wireless phone into a portable music player and delivers an amazing streaming mobile video experience.

V CAST uses technology that significantly increases download capabilities to deliver better graphics, sound and depth and uses the power of broadband so that you can download the hottest entertainment, sports highlights, news and breaking weather to your Verizon Wireless V CAST phone. The new V CAST phones provide better imaging capabilities, mega pixel cameras and video cameras, improved audio and expandable memory storage.

# Acronyms and Abbreviations

### DTMF

Dual-Tone Multi Frequency (or "touchtone") 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.

# Glossary

### FRI

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.

### **EVDO**

Evolution Data Only or Evolution Data Optimized (abbreviated as EVDO, EVDO, EVDO, 1xEV-DO or 1xEV-DO) provides fast wireless broadband access (3G) anywhere, without needing a WiFi hotspot.

### **GPS**

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

### IS 2000

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

### NAM

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

### SSL

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

### TTY

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

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# **MEMO**

# **MEMO**

# **MEMO**