SCH-A790 Series

All Digital
Mobile Phone

User Guide

Please read this guide before operating your phone, and keep it for future reference.

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating thereto (the “Phone System”), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Samsung Telecommunications America, L.P.

Headquarters	**Customer Care Center**
1301 E. Lookout Drive	1601 E. Plano Parkway, Suite 150
Richardson, TX 75082	Plano, TX 75074
Tel: 972.761.7000	Toll Free Tel: 1.888.987.HELP (4357)
Fax: 972.761.7001	Fax: 972.761.7001 and 972.761.7501

Internet Address: http://www.samsungusa.com

©2004 Samsung Telecommunications America. Samsung is a registered trademark of Samsung Electronics America, Inc. and its related entities.

Licensed by Qualcomm Incorporated under one or more of the following patents: U.S. Patent No. 4, 901, 307; 5, 056, 109; 5, 099, 204; 5, 101, 501; 5, 103, 459; 5, 107, 225; 5, 109, 390.

Printed in South Korea
Revised March 19, 2004
GH68-04377A

Openwave® is a registered Trademark of Openwave, Inc.

RSA® is a registered Trademark RSA Security, Inc.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO. NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.

Contents

SCH-A790 closed view 1
SCH-A790 open view 2
Quick Reference 3
Introduction 7
Key features of the SCH-A790 7
How to use this guide 7
Install the SIM card 9
Remove the SIM card 9
Install the battery 10
Remove the battery 10
Charge the battery 11
Battery indicator 11
List of countries 12
Understand your phone 18
The antenna 18
Backlight features 18
Power Save 19
Soft keys 20
Clear key 21
Camera hot key 21
End key 21
Headset connector 22
Service LED 22
Microphone 23
Alpha-Numeric keypad 23
Earpiece 23
Speaker 23
SEND key 23
Navigation key 24
Camera key 24
External (Sub) LCD 24
Your phone's display 25
Get Started 28
Obtain service for your phone 28
Turn your phone on 28
Turn your phone off 29
Switch phone modes 29

Text entry mode 30
Standby mode 30
Silent mode 31
Vibrate mode 31
Ringer volume 31
Place calls 32
Dialing emergency numbers 32
Receive calls 33
GSM International calls 34
CDMA international calls 35
Voice Mail 37
Menu navigation 38
Navigate using shortcuts 39
The In-Use Option 41
Menu Shortcuts 42
Phonebook 47
Open Contacts 47
Open the Phonebook menu 48
Phonebook icons 49
Edit a Phonebook entry 50
Pauses (CDMA only) 51
Pause dial from the Phonebook (CDMA only) 52
Manual pause calling (CDMA only) 52
Erase individual Phonebook entries 53
Speed dialing 53
Assign a speed dial location 54
Assign speed dial type to an entry 55
Assign a picture to a Phonebook entry 56
Store numbers after a call 57
Store a number in standby mode 57
Manage the SIM Phonebook 57
Find 60
New 63
Group 65
My Name Card 71
Send V-card (CDMA Only) 72
My Phone # 74
Memory Info 74
Delete All (in CDMA mode) 75

Delete All (in GSM mode) 75
Recent Calls 77
View Recent Calls 77
Delete Call Logs 78
Call Timers 79
Messages 80
Text entry modes 80
Send text messages 84
Receive text messages 87
Receive messages while in a call 88
Send Pix Msg 88
Send a Pix Msg in camera mode 90
Receive a Pix Msg 93
Message folders 95
Get It Now 107
Settings 108
Remove an application 109
VZW with MSN 110
Launch VZW with MSN 110
Exit VZW with MSN 111
Navigate the web 111
VZW with MSN soft keys 112
Links 113
Place a call while using VZW with MSN 114
Multimedia 115
Take pictures 115
Save pictures 117
Other Camera features 118
Image Retouch 119
Camera Settings 120
Settings 124
Phone Mode 124
Profile 124
Display 126
Security 132
Call Options 142
Shortcut List 147
Location 147
GSM Services (GSM Only) 148
Phone Info 154

Planner **155**
Open Planner 155
Calendar 156
To Do List 158
Alarm Clock 159
Time/Date in CDMA mode 162
Time/Date in GSM mode 162
Memo Pad 163
World Time 164
Calculator 165
Voice Kit (CDMA Only) **166**
The Voice Kit menu (CDMA Only) 166
Quick Dial (CDMA Only) 167
Voice Memo (CDMA Only) 169
Voice Setting (CDMA Only) 172
Voice Signal (CDMA Only) **173**
Quick Dial (CDMA Only) 174
Digit Dial (CDMA Only) 174
Voice Memo (CDMA Only) 177
Name Dial (CDMA Only) 178
Phonebook (CDMA Only) 179
Browser (CDMA Only) 179
Performance and Safety **180**
Getting the Most Out of Your Reception 180
Maintaining Safe Use of and Access to Your Phone 182
Caring for the Battery 186
Acknowledging Special Precautions and FCC 188
FDA Consumer Update 191
Owner's record 204
User Guide Proprietary Notice 204
Limited Warranty **205**
Index **211**

SCH-A790 closed view

SCH-A790 open view

Earpiece

Display Screen Icons

OK Key

Shortcut Menu

Navigation Key

Service LED

Get It Now

Left Soft Key

Right Soft Key

Camera Menu Key

Camera Hot Key

Volume Key

CLR Key

SEND Key

END Key

Voice Mail Key

Alpha-Numeric Keypad

Mobile Web

Voice Signal Hot Key

Messages Menu

Silent Mode Hot Key

Microphone

Power/Accessory Connector

Quick Reference

1) PHONEBOOK

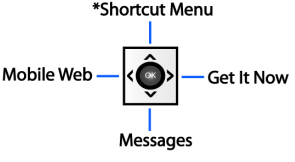
1) Find
2) New
3) Group
4) My Name Card
5) Send V-card
6) My Phone #
7) Memory Info
8) Delete All

2) RECENT CALLS

1) Received
2) Dialed
3) Missed
4) Delete Call Logs
5) Call Timers

3) MESSAGES

1) New Text Msg
2) New Pix Msg
3) Voicemail
4) Inbox
5) Outbox
6) Saved/Draft
7) Web Alert
8) Msg Setting
9) Memory Info
0) Delete All



*Shortcut menu can be customized. Press the left soft key( ) Menu, then press 7 PQRS, 6 MNO.

4) GET IT NOW

1) Launch Now

5) MOBILE WEB

1) Launch Web

6) MULTIMEDIA

1) Camera
2) Media Gallery

7) SETTINGS

1) Phone Mode
2) Profile
3) Display
4) Security
5) Call Options
6) Shortcut List
7) Location
8) GSM Services
9) Phone Info

8) PLANNER

1) Calendar
2) To Do List
3) Alarm Clock
4) Time/Date
5) Memo Pad
6) World Time
7) Calculator

9) VOICE KIT

1) Quick Dial
2) Voice Memo
3) Voice Setting

Quick Reference (continued)

Turn your phone on and off

Press and hold END/⏻.

Enter/Exit Silent Mode

In standby mode, press and hold #. To exit, press and hold #. Standby mode is the state of the phone once it has found service and is idle.

Set call ringer volume

1. In standby mode, press the volume key on the left side of the phone.

2. Press the volume key up or down to set call ringer volume as desired.

View recent calls

In standby mode, press SEND. Your recent calls appear in the display.

Change the wallpaper

1. In standby mode, press the left soft key (—) **Menu**, then press 7 PQRS, 3 DEF, 3 DEF, 3 DEF.

2. Highlight the LCD (**Main** or **Sub**) you wish to change, then press OK.

3. Use the navigation up/down keys to navigate the wallpaper source, then press OK. Repeat this step for sub menus as necessary.

4. Use the navigation left/right keys to select your choice of wallpaper.

Save a number (quickly)

1. In standby mode, enter the number to save using the keypad.

2. Press OK. With **New Entry** highlighted, press OK again.

3. Select the number type using the navigation keys, then press OK.

4. Enter a name for the entry using the keypad, then press OK.

View software and hardware information for your phone

- In standby mode, press the left soft key (—) **Menu**, then press 7 PQRS, 9 WXYZ. Software and hardware information for your phone appears in the display.

Introduction

Congratulations on your purchase of the Samsung SCH-A790 global phone. The SCH-A790 offers features such as a large, high-resolution display, PIM (Personal Information Manager) functions, a built-in digital camera, and more. Please take time to read this guide and become familiar with your phone's many features.

Key features of the SCH-A790

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (Verizon Wireless CDMA Enhanced Services Area)
- Global Positioning Technology (Verizon Wireless CDMA Network)
- Large 176 x 220 pixel color display
- Digital Camera with Flash
- PIM functions (Scheduler, To Do List, etc.)
- Enhanced Message Service (Verizon Wireless CDMA Network)
- 2-Way Short Message Service (Verizon Wireless CDMA Network; availability of SMS varies in GSM and when roaming off the VZW CDMA Network.)
- Pix Messaging - Multimedia Messaging Service (MMS) (US CDMA)
- Voice Activated Applications (CDMA)
- 64 Polyphonic Ringtones

How to use this guide

The chapters of this guide generally follow the same order as the menus and sub menus in your phone. A robust index for quick reference to most features begins on page 195.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 180.

Notes and tips

Throughout this guide are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

Notes explain alternative options within the current feature, menu, or sub menu.

Tip: Tips provide quick or innovative methods for performing functions related to the subject at hand.

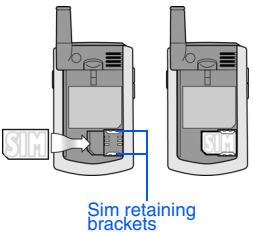
Fast Facts are like snippets from the glossary. Fast facts provides definitions in context and proximity to the menu or feature in question.

Important! Points out important information about the current feature that could affect performance, or even damage your phone.

Install the SIM card

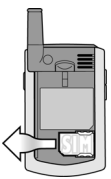
Before you can use the GSM features in your phone, you'll need to install a SIM card. SIM cards are provided by Verizon Wireless.

1. With the battery removed from the phone, insert the SIM card face down into the slot provided.
2. Slide the SIM card as far as possible to the right, beneath the SIM card retaining brackets.
3. Once the card is secured in the SIM slot, install the battery as outlined in the following section, then turn the phone on.



Remove the SIM card

1. Press and hold END/⏻ to turn off the phone (if on).
2. Remove the battery.
3. Slide the SIM card to the left, then lift to remove.



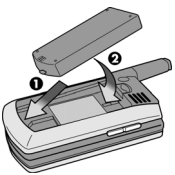
Important! Please handle the SIM card on its sides. Avoid touching the circuits as this may cause damage to the SIM.

Install the battery

This phone comes packaged with a partially charged rechargeable standard Li-Ion battery and desktop charger.

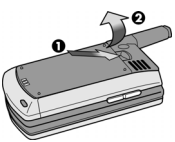
Important! Although the phone can be used while the battery is charging, the battery must be fully charged before first use, otherwise you could damage the battery.

1. Insert the bottom end of the battery into the phone housing with the label side down. The gold contacts on the end of the battery should match up with those on the phone.
2. Push the top end of the battery down until it snaps into place.



Remove the battery

1. Press and hold END/⏻ to turn off the phone (if on).
2. Pull the battery release latch toward the top of the phone. The top of the battery should pop up.
3. Use your finger to lift the battery (top end first) up and away from the phone.



Charge the battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Using other accessories may invalidate your warranty and may cause damage**.

Use the desktop charger

The desktop charger operates from a 120/220 VAC wall outlet. It also acts as a cradle to hold your phone in a convenient, easy-to-use position while charging.

1. Plug the AC plug from the desktop charger into a standard 120 VAC or 220 VAC wall outlet.
2. Slide your phone, bottom end first, into the desktop charger. Your phone begins charging and the battery image appears in the display.

You can use your phone while charging, however, the battery charges faster if the phone is turned off.

Battery indicator

The battery indicator ( ) in the upper-right corner of the display indicates battery power level. Three bars indicate a full charge, while an empty icon ( ) indicates an almost empty battery. Two to three minutes before the battery becomes too low to operate, a blinking empty battery icon ( ) appears and a tone sounds. If you continue to operate the phone without charging, it shuts down.

List of countries

Following is a list of countries (aside from the United States) that are compatible with this phone's modes of operation. Consult this table to determine the correct operational mode (GSM or CDMA) and country codes. This list is subject to change.

To view an updated list of countries, visit the Verizon Wireless web site at www.verizonwireless.com

CDMA Mode	
Country	**Country Code**
Canada[a]	1
Mexico[a]	52
Puerto Rico[a]	1-787 and 1-939
South Korea	82

a.Available with phone in **Verizon (CDMA)** mode.

GSM Mode - Europe and Former USSR	
Country	**Country Code**
Albania[a]	355
Andorra	376
Austria	43
Azerbaizjan[b]	994
Belgium	32
Bosnia	387
Bulgaria	359
Croatia	385
Cyprus	357
Czech Republic	420

GSM Mode - Europe and Former USSR	
Country	**Country Code**
Denmark	45
Estonia	372
Faroe Islands	298
Finland	358
France	33
Germany	49
Gibraltar	350
Greece	30
Guernsey	44
Hungary	36
Iceland	354
Ireland	353
Isle of Man	44
Italy	39
Jersey	44
Kazakhstan[a b]	7
Kosovo	381
Latvia	371
Liechtenstein	423
Lithuania	370
Luxembourg	352
Macedonia	389
Malta	356
Monaco	377
Montenegro	381
Netherlands	31
Norway	47
Poland	48
Portugal	351

GSM Mode - Europe and Former USSR	
Country	**Country Code**
Romania	40
Russia[a,b]	7
San Marino	378
Slovak Republic (Slovakia)	421
Slovenia	386
Spain	34
Sweden	46
Switzerland	41
Turkey	90
Turkmenistan[b]	993
United Kingdom (England, Scotland, Wales, & N. Ireland)	44
Uzbekistan	998
Vatican City	39, 379
Yugoslavia/Serbia	381

a.SMS available
b.Partially supported by Global Phone.

GSM Mode - Asia & Middle East	
Country	**Country Code**
Bahrain	973
Brunei	673
Cambodia	855
Egypt	20
China	86
Hong Kong	852
Indonesia	62
Jordan	962
Macau	853
Israel	972

GSM Mode - Asia & Middle East	
Country	**Country Code**
Kuwait[a b]	965
Malaysia	60
Maldives	960
Oman	968
Pakistan[a]	92
Palestine	970
Phillippines[a]	63
Qatar	974
Saudi Arabia[a]	966
Singapore	65
Sri Lanka	94
Syria	963
Taiwan	886
Thailand	66
United Arab Emirates	971
Vietnam	84

a.Partially supported by Global Phone.
b.SMS available.
c.Available with phone in **Verizon (CDMA)** mode.

GSM Mode - Africa	
Country	**Country Code**
Botswana	267
Cameroon	237
Kenya	254
La Reunion	262
Madagascar	261
Malawi	265
Mauritius	230
Morocco	212
Mozambique	258

GSM Mode - Africa	
Country	**Country Code**
Namibia	264
Nigeria[a]	227
Seychelles	248
South Africa	27
Tanzania	255
Tunisia	216
Uganda	256
Zambia	260

a.Partially supported by Global Phone.

GSM Mode - Australasia	
Country	**Country Code**
Australia	61
Fiji	679
New Zealand	64

GSM Mode - Americas	
Country	**Country Code**
Aruba	297
Brazil	55
Curacao (Dutch Antilles)	599
French Antilles (Guadeloupe & Martinique)	596
French Guiana	594
St. Barth[a]	590
St. Martin (French & Dutch Antilles)	590
Bonaire	599
Suriname	597

GSM Mode - Americas	
Country	**Country Code**
St. Lucia	1-758
St. Vincent	1-784
Barbados	1-246
Grenada	1-473
Venezuela	58

a.Supported by Global Phone and not International Traveler

Understand your phone

The antenna

Avoid touching the antenna while the phone is on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than necessary.

Backlight features

You can choose the amount of time that the display and backlight remain illuminated after a period of inactivity. Keep in mind that increasing these settings reduces battery life.

Folder Open enables the keypad or display backlight to remain on as long as the folder is open.

---

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 5 JKL (**Backlight**). The following options appear in the display.

   LCD
   Keypad
   Power save

2. Use the navigation key to highlight **LCD** or **Keypad**, then press OK.

3. Use the navigation key to highlight the amount of time that you wish the keypad or display to remain illuminated after a period of inactivity, then press OK.

Power Save

Power Save allows you to affect the brightness/power settings for the **Main LCD and keypad**, as well as the **External LCD**. The default setting for Power Save is **Off**.

Main LCD and Keypad

With Power Save **On**, the main LCD backlight is dim and the keypad backlight is off. If no buttons are pressed for 60 seconds, Power Save then turns the main LCD backlight off as well.

External LCD

With Power save **On** and the flip closed (while not in a call), the external LCD turns off to conserve power. WIth Power save **Off** and the flip closed (while not in a call), the external LCD remains on.

Turn Power Save On or Off

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 5 JKL (**Backlight**). The following options appear in the display.

   LCD
   Keypad
   Power Save

2. Use the navigation key to highlight **Power Save**, then press OK. **Off** and **On** appear in the display.
3. Use the navigation key to highlight **Off** or **On**, then press OK to save your settings.

Soft keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the **left soft key** ( ) and the **right soft key** ( ).

Left soft key

Some functions of the left soft key are as follows.

- When the left soft key function in the display is **Menu**, press the left soft key ( ) **Menu** to open the menu list.
- When the left soft key function is **Option**, press the left soft key ( ) **Option** to view options in some features.
- When the left soft key function is **Edit**, press the left soft key ( ) **Edit** to edit a Phonebook contact or Profile setting.

Right soft key

Some functions of the right soft key are as follows.

- When the right soft key function is **Back**, press the right soft key ( ) **Back** to return to the previous menu.
- In standby mode, press the right soft key ( ) **Contacts** to open your Contacts list.
- In camera mode, press the right soft key ( ) **Gallery** to view stored pictures.

Clear key

The CLR key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use CLR to return to a previous menu or to return to standby mode from any menu.

- If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.
- To erase the previous word in a sentence, press and hold CLR.
- To back up one menu level, briefly press CLR.
- To return to standby mode from any menu, press and hold CLR until you return to standby mode.

Camera hot key

The camera hot key ( ), on the right side of the phone, activates the camera menu from standby mode.

- With the flip open, briefly press the camera hot key ( ) to open the camera menu.
- With the flip closed, press and hold the camera hot key ( ) to activate the camera.

End key

- Press and hold END/⏻ to turn on your phone.
- Press and hold END/⏻ to turn off your phone.
- Briefly press END/⏻ once to disconnect a call, return to standby mode from any menu, or cancel the last input.

Headset connector

The headset connector, on top of the phone next to the antenna, is the input jack for the hands-free headset. The headset combines an earbud and microphone in a convenient, lightweight unit so you can talk without using your hands.

Important! Use only the headset provided with the SCH-A790. This headset should not be used on any other phone.

- Before connecting the headset, gently slide open the cover for the input jack to expose the connector inside.

Service LED

The Service LED on the front flip has the following functions.

- Flashes to indicate an incoming call or message.
- Lights momentarily when you power up the phone and flashes red when the phone is in need of a charge.
- Green indicates you are in service in your coverage area.

Turn the Service LED on or off

1. In standby mode, press the left soft key **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 6 MNO (**Service LED**). **Off** and **On** appear in the display.
2. Use the navigation key to highlight your preference, then press OK.

Microphone

The microphone is next to the charger/ accessory input jack on the bottom end of the phone.

Microphone

Alpha-Numeric keypad

Use the alpha-numeric keypad to enter text, numbers, and special characters.

Earpiece

The earpiece, on the inside of the flip above the display, plays sounds such as key tones and alerts.

Speaker

The speaker is on back of the phone, above and to the right of the battery. The speaker plays sounds such as ring tones and alerts, but at a volume higher than the earpiece.

SEND key

The SEND key (SEND) is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- Press SEND once to answer calls.
- Enter a number and briefly press SEND to connect a call.
- Briefly press SEND in standby mode to display a list of recently dialed numbers.
- Press SEND twice in standby mode to call the most recently dialed number.
- Press SEND to pick up a call waiting. Press SEND again to switch back to the other call.

Navigation key

Use the directional keys on the navigation key to browse menus, sub menus, and lists. Each key also acts as a shortcut to launch applications. The up navigation key is user-definable. Press OK when replying to prompts, and jumping to highlighted links on the web.

Camera key

The camera key ( ) opens the camera menu from standby mode.

- In standby mode, briefly press to open the camera menu, then press OK to activate the camera.

  OR

- In standby mode, press and hold to activate the camera.

External (Sub) LCD

The external (Sub) LCD is a full-color display that displays caller information, signal and battery strength, as well as other indicators of status.

- To turn on the backlight for the external LCD, just press and hold either of the volume keys until the light comes on.

Your phone's display

The top line of the display is reserved for icons that indicate network status, battery power, signal strength, and more. The following table lists some display icons and their descriptions.

Display icons

Signal strength: Always appears when your phone is on and indicates the current signal strength. More lines indicate a stronger signal.

Auto Answer: Automatic answer is enabled. Your phone automatically picks up any calls after the designated time.

GSM (Int'l) mode: Your phone is in GSM (Int'l) mode. GSM (Int'l) mode is for operation while traveling in non-CDMA countries.

In Use: Indicates a call in progress. When dialing a number, this icon flashes until the call connects.

No service indicator: Your phone cannot find a signal because you're outside a service area. You cannot make or receive calls. Wait for a signal or move to an open area to find a signal. This indicator always appears when you first turn on your phone and disappears once service is located.

Roaming indicator: Your phone is outside your home area. While roaming, another wireless provider may be handling your call. The service rate for the call may be higher than those made from within your home area. Please refer to Verizon Wireless for roaming rates. The roaming indicator will appear when the phone is used in Internat'l (GSM) Mode outside of the Netherlands. The appearance of the roaming indicator does not affect your airtime rates when in GSM mode.

The roaming indicator may not work in GSM networks.

New Message: You've received a new text, page or web alert message. You're also notified of a new message by animations and sound. You have one or more unread voice mail messages in your voice mailbox. (Only applicable on Verizon Wireless Network.)

1X Protocol: Indicates your phone is using the 1X protocol. The 1X protocol is capable of high-speed data (3G).

1X protocol is available only in the Verizon Wireless network.

IS95-2G (Digital) Protocol: Your phone is using the IS95-2G protocol. This protocol is incapable of high speed data.

Vibrate mode: Your phone vibrates upon receiving a call.

Battery strength: More black bars indicate a greater charge. When the battery is low, an empty battery icon flashes and the phone sounds an alert, which indicates your phone is about to shut down.

Alarm clock: The alarm clock is set.

Ringer off: Your phones call ringer is turned off.

Ringer On: Your phones call ringer is turned on.

GPS (United States only): Global Positioning Service (GPS) for 911 is set to **On** for emergency calls only.

GPS (United States Only): Global Positioning Service is set to **On** for location and 911 calls.

Silent mode: The ringer is silenced for all alerts, incoming calls, and incoming messages. The phone alerts you to these by vibration and a flashing service LED.

Dialogue boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined in the following table.

Icon	Category	Examples
Question	Choice	“Save message draft?”
	Reconfirm	“Delete all received messages?”
Information	Performing	“Sending...” “Connecting..”
	Completed	“Message sent successfully!”
	Information	“New Message”
Warning	Error	“System error!”
	Warning	“Battery Low,” “Memory Full!”

Get Started

Obtain service for your phone

Contact Verizon Wireless and follow their instructions for obtaining service. We suggest that you read this guide to fully understand the services your phone supports.

Turn your phone on

1. Open the flip, then press and hold END/⏻ for two or more seconds.

As with any other radio-transmitting device, do not touch the antenna as it affects call quality and may cause the phone to operate at a higher power level than is necessary.

2. Your service provider's name momentarily appears in the display and the phone begins searching for a network signal.
3. Once the phone finds a signal, the time, date, and day appear in the display (in CDMA mode only).
4. You're now ready to place and receive calls.

If the phone is outside of the Verizon Wireless coverage or roaming area, appears in the top of the display. If you are traveling outside the U.S., it may be necessary to switch to GSM (Int'l) mode. See "Switch phone modes" on page 29 for how to switch your phone mode from GSM to CDMA and vice versa.

Turn your phone off

- Press and hold END/⏻ for two or more seconds. Your phone powers off.

If your phone is on and you press END/⏻ for less than a second, the phone will not power off. This prevents your phone from being turned off accidentally.

Switch phone modes

Your phone is capable of operating in a number of countries on both CDMA (Code Division Multiple Access) and GSM (Global Systems for Mobile) networks. While in the United States or on other CDMA roaming networks, use your phone in **Verizon (CDMA)** mode. Use your phone in **Int'l (GSM)** mode while in countries serviced by GSM network. Please refer to "List of countries" on page 12 for countries of operation. For a complete list of countries, please visit www.verizonwireless.com.

Please note: When your phone is in Verizon (CDMA) mode, it does not necessarily mean that you are on the Verizon Wireless Network. You may roam on certain other carriers' CDMA networks domestically and internationally when your phone is in Verizon (CDMA) mode. For more information, see www.verizonwireless.com.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 1✉ (**Phone Mode**). The following options appear in the display.

   Verizon (CDMA) **Int'l (GSM)**

2. Use the navigation keys to highlight the desired mode of operation, then press OK. A dialogue box appears in the display asking if you wish to change modes.
3. Press the left soft key ( ) **Yes** to change modes, or press the right soft key ( ) **No** to return to the Phone Mode options list.
4. If you pressed **Yes**, the phone restarts and powers up in the selected mode of operation.

Text entry mode

Enter content using any of the four text entry modes.

1. At any text entry screen, press left soft key ( ) **Option**. A pop-up menu appears in the display with **ABC** highlighted.
2. Use the left/right navigation keys to display the optional text entry modes of **123**, **T9 Word**, and **Symbol**.
3. Once the desired method of text entry appears, press OK to use that mode of text entry in your message.

Standby mode

Standby is the state of the phone once it has found service and is idle. The phone goes into standby:

- After you power it on.
- When you press END/⏻ after a call.
- Anytime you press END/⏻ while browsing your phone's menus and sub menus.

1. While in standby mode, enter a phone number, then press SEND to place a call.
2. Press END/⏻ to return to standby mode.

Silent mode

Silence the tones your keypad makes whenever you press a key using the **Silent Mode** feature.

Enter Silent mode

- In standby mode, press and hold #. **Entering Silent Mode** briefly appears in the display and your phone returns to standby mode.

Exit silent mode

- In standby mode, press and hold #. **Exiting Silent Mode** briefly appears in the display and your phone returns to standby mode.

Vibrate mode

- In standby mode, repeatedly press the volume key ( ) down until **Vibrate** appears in the display. The volume key is on the left side of phone, next to the SEND key (SEND).

Ringer volume

1. In standby mode, repeatedly press the volume key ( ) on the left side of the phone up or down. Options are:

- **Silent**
- **1 Beep**
- **Vibrate**
- **Level 1**
- **Level 2**
- **Level 3**
- **Level 4**
- **Level 5**
- **Vibrate+Ring**

2. Press OK to save the setting. The phone returns to standby mode.

Note: The vibrate icon ( ) appears in the display whenever the phone is in **Vibrate** or **Vibrate+Ring** mode.

Place calls

1. With the phone on, enter the number you wish to call using the keypad.
2. Press SEND to place the call.

Dialing emergency numbers

You can dial any of the numbers 911, 112, or 999 to place an emergency call.

If your phone is in Verizon (CDMA) mode and you dial 112 or 999, then press SEND, the prompt **Make emergency call?** appears in the display.

- If you press the left soft key ( ) **Yes**, your phone dials the emergency number 911.
- If you press the right soft key ( ) **No**, the call is discontinued and your phone returns to standby mode.

If you dial 911 while in **Verizon (CDMA)** mode, your phone dials the emergency number immediately (no prompt).

If your phone is in Int'l (GSM) mode and you dial 911, then press SEND, the prompt **Make emergency call?** appears in the display.

- If you press the left soft key ( ) **Yes**, your phone dials the emergency number 112 or 999.
- If you press the right soft key ( ) **No**, the call is discontinued and your phone returns to standby mode.

If you dial 112 or 999 while in **Int'l (GSM)** mode, your phone dials the emergency number immediately (no prompt).

Receive calls

When you receive a call, the phone displays one of the following, as well as the incoming call icon ( ).

- If the caller can be identified, the caller's number (or name if it's in your Phonebook) appears in the display.
- If the caller can't be identified, **Call from unavailable #, Call from restricted #,** or no number appears in the display.

Tip: Assign pictures to Phonebook entries. The entry's assigned picture appears in the display when you receive a call from that entry. See "Assign a picture to a Phonebook entry" on page 56.

Your phone continues to notify you of the call until one of the following events occur:

- You answer the call.
- The calling party ends the call.
- The call is sent to voicemail.

Press SEND to answer the call.

Receive calls while using a feature (CDMA Only)

If you receive a call while browsing menus and sub menus, or while using a feature, the caller's number (or name, if it's in your Phonebook) appears in the display as well as the options **Silent** and **Ignore**.

- Press the left soft key ( ) **Silent** to silence the ringer. If the call goes unanswered, it will eventually be sent to voicemail.
- Press the right soft key **Ignore** to send the call directly to voicemail.
- Press SEND to answer the call.

Receive calls while using Get It Now or VZW with MSN (Verizon Wireless Network only)

If you receive a call while using a BREW application or VZW with MSN, the application is put on hold during the call. Once the call ends, your session resumes.

GSM International calls

Call the U.S. from another country (GSM Only)

Refer to “List of countries” on page 12 to determine which mode to use while traveling outside of the United States.

1. In standby mode, press and hold 0+ to display the “+” symbol. The “+” symbol automatically inserts the exit code for the country *from which you are calling*.
2. Press 1 to insert the U.S. country code, then enter the area code and number.
3. Press SEND. The number is dialed.

Call the U.S. from another country using the Phonebook (GSM Only)

1. In standby mode, press and hold 0+ to display the “+” symbol. The “+” symbol automatically inserts the exit code for the country *from which you are calling*.
2. Briefly press 1 to insert the long-distance prefix.
3. Press the left soft key ( ) **Find** to retrieve an entry from your Phonebook.

Calling Internationally from another country (GSM Only)

1. In standby mode, press and hold 0+ to display the "+" symbol. The "+" symbol automatically inserts the exit code for the country *from which you are calling*.
2. Enter the country code of the person you are calling.
3. Enter the area code, without the leading zero, followed by the number of the person you are calling. Please note there are some exceptions for leaving out the leading zero such as Italy, Finland and Spain.

CDMA international calls

Call another country from the U.S. (CDMA Only)

Note: Your phone must be in Verizon (CDMA) mode to place calls from within the United States.

1. In standby mode, enter the three-digit exit code (011) for the United States.
2. Enter the country code for the country that you are calling. See the table under "List of countries" on page 12 for a list of countries and their codes. A more complete list of country codes can be found at www.verizonwireless.com.
3. Enter the number that you wish to call, then press SEND.

Note: Puerto Rico and Canada are on the North American dialing plan. When making calls to Puerto Rico and Canada it is similar to making calls within the United States, no unique country codes are necessary.

Placing calls outside the U.S. (CDMA Only)

MEXICO

- Calling locally within Mexico: Dial the seven or eight-digit number.
- Calling long distance within Mexico: Dial 01, plus the ten-digit number (includes area code).
- Calling to the U.S. or Canada from Mexico: Dial 001, plus the ten-digit number (includes area code).
- Calling voicemail from Mexico: Dial 001, plus your ten-digit wireless number. Once you hear the recorded prompt, press and enter your passcode.

For more information on International Dialing see VerizonWireless.com.

Call notification features

Your phone notifies you of calls in a variety of ways.

- Nine ring volume settings including **1- beep**, **Vibrate**, **Silent**, or **Vibrate+Ring**.
- Different ring types to distinguish callers.
- Name display with Caller ID. (If the caller's name is in your Phonebook).
- Received or missed calls are automatically stored to a call log. The last 20 calls you answered are stored in an received call log list and the last 20 calls you missed are stored in a Missed call log list.

Silence an incoming ringer

- During an incoming call, press the up or down volume key to silence the ringer.

Reject an incoming call

Rejected calls are immediately forwarded to voice mail.

- During an incoming call, press the right soft key ( ) **Reject**. The call is forwarded to your voice mailbox.

Voice Mail

Voice Mail allows callers to leave voice messages, which can be retrieved any time. The procedure for checking voice mail varies, depending upon the mode of operation (GSM or CDMA).

Once your voice mail account has been set up, you can use SMS Inbox folder (under the **Message** menu) to view details of voice messages in your voice mailbox. See “Voicemail” on page 95 for more information.

Voice mail setup

Before callers can send voice mail messages, you need to set up your account.

1. In standby mode, press and hold to dial voice mail.
2. Follow the recorded prompts to set up your voice mail account.

Listen to voice mail in CDMA mode

1. In standby mode, press and hold 1 softkey, enter * 8 TUV 6 MNO, or dial your own mobile number to dial voicemail. After connecting, you will hear your voice greeting.
2. Interupt your greeting by pressing #.
3. You are then prompted to enter your password.

Listen to voice mail in GSM mode

1. In standby mode, press and hold the 1 softkey or dial + 1 and your own mobile number to dial voicemail. After Connecting a recorded message prompts you to press # if you have a mailbox on the system. You will then be prompted to enter your 10 digit mobile phone number.
2. Enter your 10 digit mobile phone number.
3. When you hear the voice greeting, press #, enter your password, and follow the recorded prompts

Menu navigation

Access menus using the navigation key in tandem with the two soft keys ( ), or use a shortcut.

1. In standby mode press the left soft key ( ) **Menu**. The first of several menus appear in the display.

When you press the left soft key ( ) **Menu**, more than one menu may appear in the display. This setting can be modified in the **Settings** > **Display** > **Style** sub menu.

---

2. Use the navigation keys to browse phone menus.

3. Press OK to enter the menu or sub menu presently appearing in the display.

Return to the previous menu

- Press the right soft key ( ) **Back** to return to the previous menu.
- If **Back** does not appear in the display, press CLR to return to the previous menu.

Navigate using shortcuts

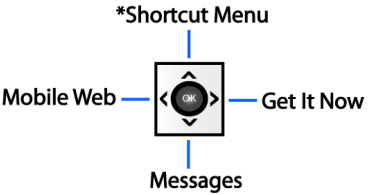
You can also access menus and sub menus using menu numbers. This method is often called a “shortcut.” To shortcut to a menu or sub menu, press the left soft key ( ) **Menu**, then enter the menu and/or sub menu number(s) for the feature in question. Use “Menu Shortcuts” on page 42, for looking up the menu shortcut number.

1. In standby mode, press the left soft key **Menu** ( ).
2. Press the number of the menu, sub menu, and so on to arrive at the desired feature.

Example: *Press the left soft key ( ) for **Menu**, then press 8 TUV (**Planner**), 2 ABC (**To Do List**).*

Navigation Key shortcuts

In standby mode, press a navigation key (as illustrated below) to launch its corresponding application.



***Shortcut menu** can be customized. Press the left soft key( ) **Menu**, then press 7 PQRS, 6 MNO.

The In-Use Option

Access numerous menus and features even while in a call.

If the call is disconnected while accessing the In-Use Option, the In-Use Option disappears from the display and the phone eventually returns to standby mode.

1. While in a call, press the left soft key **Option** ( ). The menu items in the following table appear in the display.

In-Use Option	Function
Contacts	Open the Phonebook and view contacts.
Recent Calls	Display your recent incoming and outgoing calls.
Message	Open the Messages menu.
Key Tone On/Off	Turn keypad tones on or off.
My Phone #	View the phone number assigned to your phone by Verizon Wireless.
Phone Info	View the software and hardware version information for your phone.
Voice Privacy	Prevent recipients of your calls from seeing your number on their display.
Location	Turn the GPS setting to Location on or 911 only.
Voice Memo	Record a voice memo.

2. Use the navigation key to highlight a menu. Press to open the highlighted menu or to activate the feature.

Menu Shortcuts

Use the menu shortcuts on the following pages to quickly access menus and sub menus. Press the left soft key ( ) **Menu**, then press the number to the right of the menu to jump to that menu, sub menu, or feature. For example, to jump to the Outbox sub menu, press the left soft key ( ) **Menu**, then press (**Messages**), (**Outbox**).

PHONEBOOK 1

Find **1-1**
New **1-2**
Group **1-3**
My Name Card **1-4**
Send V-Card **1-5**
MY NAME CARD 1-5-1
PHONEBOOK 1-5-2
My Phone # **1-6**
Memory Info **1-7**
Delete All **1-8**

RECENT CALLS 2

Received **2-1**
Dialed **2-2**
Missed **2-3**
Delete Call Logs **2-4**
RECEIVED 2-4-1
DIALED 2-4-2
MISSED 2-4-3
ALL CALLS 2-4-4
Call Timers **2-5**
LAST CALL TIMER 2-5-1
TOTAL RECEIVED 2-5-2
TOTAL DIALED 2-5-3
LIFETIME 2-5-4
RESET TIMER 2-5-5

MESSAGES 3

New Text Msg.....3-1
New Pix Msg 3-2
Voice Mail 3-3
Inbox.....3-4
Outbox.....3-5
Saved/Draft 3-6
Web Alert.....3-7
Msg Setting 3-8
TEXT MSG SETTING 3-8-1
Quick Text.....3-8-1-1
Save In Outbox.....3-8-1-2
Insert Signature.....3-8-1-3
Auto Play 3-8-1-4
Direct View 3-8-1-5
PIX MSG SETTING 3-8-2
Quick Text.....3-8-2-1
Save In Outbox.....3-8-2-2
Delivery Ack.....3-8-2-3
Retrieval Mode 3-8-2-4
ENTRY MODE.....3-8-3
CALLBACK # 3-8-4
AUTO DELETE 3-8-5
VOICE MAIL #.....3-8-6
GSM SETTING 3-8-7
Setting1 3-8-7-1
Setting2 3-8-7-2
Reply Path 3-8-7-3
Delivery Reports.....3-8-7-4
Sending Setting.....3-8-7-5
Voice Mail # 3-8-7-6
Memory info 3-9
Delete All 3-0
OLD INBOX.....3-0-1
NEW INBOX 3-0-2
OUTBOX.....3-0-3
DRAFT 3-0-4
VOICEMAIL.....3-0-5
WEB ALERT 3-0-6
SIM 3-0-7
ALL MSGS.....3-0-8

GET IT NOW (CDMA ONLY) **... 4**

LAUNCH NOW.....4-1

MOBILE WEB (CDMA ONLY) . 5

LAUNCH WEB 5-1

MULTIMEDIA 6

CAMERA 6-1
Take Pix *6-1-1*
Camera Settings *6-1-2*
Image Size 6-1-2-1
Image Quality 6-1-2-2
Flash 6-1-2-3
Color 6-1-2-4
Shutter Sound 6-1-2-5
Auto Save 6-1-2-6
Memory Info *6-1-3*
MEDIA GALLERY 6-2
Photo Gallery *6-2-1*
Image Gallery *6-2-2*
Preloaded 6-2-2-1
My Image 6-2-2-2
Sounds *6-2-3*
Preloaded 6-2-3-1
My Sounds 6-2-3-2
Pix Template *6-2-4*
Animelody Gallery *6-2-5*
Memory Info *6-2-6*
Delete All *6-2-7*

SETTINGS 7

Phone Mode **7-1**
VERIZON (CDMA)
INT'L (GSM)
Profile **7-2**
NORMAL (EDIT)
1) Volume/Vibrate
2) Ringer Type
3) Key Beep
4) Alerts
5) Power On/Off
6) Roam Ringer
7) Whisper
8) Folder Sound
MEETING (EDIT)
1) Volume/Vibrate
2) Ringer Type
3) Key Beep
4) Alerts
5) Power On/Off
6) Roam Ringer
7) Whisper
8) Folder Sound

DRIVE (EDIT)
1) Volume/Vibrate
2) Ringer Type
3) Key Beep
4) Alerts
5) Power On/Off
6) Roam Ringer
7) Whisper
8) Folder Sound
OUTDOOR (EDIT)
1) Volume/Vibrate
2) Ringer Type
3) Key Beep
4) Alerts
5) Power On/Off
6) Roam Ringer
7) Whisper
8) Folder Sound
Display 7-3
LANGUAGE 7-3-1
STYLE 7-3-2
ANIMATION 7-3-3
BANNER 7-3-4
BACKLIGHT 7-3-5
SERVICE LED 7-3-6
AUTO HYPHEN
(CDMA ONLY) 7-3-7
Security 7-4
(ENTER LOCK CODE)
1) LOCK PHONE
2) CHANGE LOCK
3) EMERGENCY #
4) VOICE PRIVACY
5) RESTRICTION
6) DELETE MEMORY
7) RESET PHONE
8) PIN MENU
Call Options 7-5
ANSWER OPTIONS 7-5-1
AUTO RETRY 7-5-2
DATA 7-5-3
AIRPLANE MODE 7-5-4
ROAM OPTION 7-5-5
TTY MODE 7-5-6
Shortcut List 7-6
Location (CDMA Only) **7-7**
Location On
911 Only
GSM Services (GSM Only) ... **7-8**
CALL DIVERTING 7-8-1
CALL BARRING 7-8-2

CALL WAITING 7-8-3
SELECT NETWORK 7-8-4
CALLER ID 7-8-5
CLOSED USER GROUP..... 7-8-6
Phone Info 7-9

PLANNER 8

CALENDAR 8-1
TO DO LIST 8-2
ALARM CLOCK..... 8-3
TIME/DATE 8-4
MEMO PAD..... 8-5
WORLD TIME..... 8-6
CALCULATOR..... 8-7

VOICE KIT (CDMA ONLY) 9

Quick Dial 9-1
RECORD 9-1-1
REVIEW..... 9-1-2
DELETE ALL 9-1-3
Voice Memo..... 9-2
RECORD 9-2-1
REVIEW..... 9-2-2
DELETE ALL 9-2-3
Voice Setting 9-3
VOICE KIT ACTIVE..... 9-3-1
ADAPT DIGITS 9-3-2
RESET DIGITS 9-3-3

Phonebook

Up to 500 entries can be stored in phone memory. A large number of entries can also be stored on the SIM card. The exact number depends upon the SIM card type. Each entry in the Phonebook can have up to five associated numbers and two e-mail addresses. Each phone number can be up to 32 digits long, including hard pauses, while associated names and e-mail addresses can be up to sixteen characters long. The memory (speed dial) location of your choice for each entry can also be specified. Memory locations can be marked secret to prevent unauthorized viewing.

Entries saved to the SIM card can be viewed or moved to your Phonebook while in **Verizon (CDMA)** mode, but in order to copy or edit entries on your SIM card, the phone has to be in **Int'l (GSM)** mode.

Tip: 1-Touch, **2-Touch**, and **3-Touch** dialing allows you to call numbers stored in your Phonebook quicker.

Open Contacts

From standby mode, you can quickly open the Contacts list. Contacts is a quick way of viewing entries you've stored in the Phonebook.

- In standby mode, press the right soft key () **Contacts**. Your list of Phonebook entries appears in the display.

The SIM card and phone icon ( ) appears to the right of any entries stored on the SIM card.

Open the Phonebook menu

The Phonebook menu provides access to powerful features such as adding Groups, creating and sending V-cards, and viewing the phone number assigned to your phone by Verizon Wireless.

1. In standby mode, press the right soft key ( ) **Menu**, then press (**Phonebook**). The Phonebook sub menus listed in the following table appear in the display.

Menu	Function
Find	Find a phone number By Name, By Entry, or By Group.
New	Add a number, e-mail, or web address to your Phonebook.
Group	Rename one of your five groups.
My Name Card	Create a business card, which can then be sent to others as an attachment.
Send V-card	Send your Name Card or an entry in your Phonebook to a compatible phone (not available on GSM networks).
My Phone #	View the 10-digit number assigned to your phone by Verizon Wireless or Vodafone (depending on the phone mode).
Memory Info	Display available memory for the Phone and SIM card.
Delete All	Delete all of your Phonebook entries.

2. Use the navigation key to highlight the Phonebook sub menu of your choice, then press .

Phonebook icons

You can assign a host of entries to a Phonebook contact. The icons in the following table represent all available entry types.

Icon	Description
	Name icon. Enter the name for the entry in this field.
	Location icon. Assign a memory location for the entry in this field.
	Mobile icon. Enter a mobile number for the entry in this field.
	Home icon. Enter a home number for the entry in this field.
	Work icon. Enter the work number for the entry in this field.
	Fax icon. Enter a fax number for the entry in this field.
	Pager icon. Enter a pager number for the entry in this field.
	E-mail icon. Enter an e-mail address for the entry in this field.
	URL icon. Enter a web address for the entry in this field.
	Speed dial icon. Choose the speed dial number for this field.
	Melody icon. Select a melody to associate with the entry in this field.
	Company icon. Enter the name of the company for the entry in this field.
	Memo icon. Enter a text memo for the entry (up to 40 characters) in this field.
	Group icon. Select an available group to associate with the entry in this field.
	Job Title icon. Enter a job title for the entry in this field.
	SIM icon. The highlighted entry is saved to your SIM card.

Edit a Phonebook entry

1. In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 1✉ (**Find**).
2. Use the navigation key to display the search method that you wish to use (**By Name**, **By Entry**, **By Group,** or **Sim Only**).
3. Enter information to find the entry, or use the navigation key to highlight the entry that you wish to edit.
4. Once the entry is highlighted, press OK.
5. Use the navigation key to highlight the number, e-mail address, or other field that you wish to edit, then press the left soft key (▭) **Option**.
6. A pop-up menu appears in the display with **Edit** highlighted. Press OK.

- Press CLR to backspace and delete numbers, text, or symbols.
- Press and hold CLR to erase all numbers in the highlighted field.
- Use the keypad to re-enter numbers, text, or symbols.

7. When you're finished editing the entry, press OK. Your changes are saved.

Pauses (CDMA only)

Calls to automated systems often require a password or account number. Instead of manually entering numbers each time, store the numbers to your Phonebook along with special characters called pauses.

- **P pause**: A hard pause stops the calling sequence until further input from you.
- **T pause**: A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.

Entering multiple two-second pauses extends the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds. Keep in mind pauses count as digits towards the 32-digit maximum.

Store pauses to a Phonebook entry (CDMA only)

1. In standby mode, enter the number you wish to store.
2. Press the left soft key (▭) **Option**. The following pause menu options appear in the display.

   P pause **T pause**

P pause is a hard pause (awaits input from you) and **T pause** is a two-second pause.

3. Use the navigation key to highlight the pause option of your choice.
4. Press OK to enter the highlighted pause into your number sequence.
5. When you're finished entering numbers and pauses, press OK to store the number to your Phonebook.

Pause dial from the Phonebook (CDMA only)

1. If you stored the number using (two-second) T pause(s), simply recall the number from the Phonebook.
2. If you stored the number using (hard) P pause(s), recall the number from the Phonebook and wait for the appropriate prompt from the number you are calling (credit card number, bank account number, etc.).
3. Press SEND to dial the number.

Manual pause calling (CDMA only)

To manually call a number with pause(s) without storing it to the Phonebook:

1. Enter the number you wish to call.
2. Press the left soft key ( ) **Option** to display the pause option pop-up menu.
3. Use the navigation key to highlight the desired pause option.
4. Press OK to enter the highlighted pause into your number sequence.
5. Press SEND to call the number.

Tip: Store pauses along with the number if you plan to call the number frequently.

Erase individual Phonebook entries

1. In standby mode, press the left soft key ( ) **Menu**, then press (**Phonebook**), (**Find**).
2. Use the left/right navigation keys to display the search method that you wish to use (**By Name**, **By Group**, etc.).
3. Enter information to find the entry, or use the navigation key to highlight the entry that you wish to erase.
4. Press .
5. Once the entry is highlighted, press the left soft key **Option**. A pop-up menu with the following menu items appears in the display.

   Edit
   Delete
6. Use the navigation key to highlight **Delete**, then press . You're prompted to confirm the erasure.
7. Highlight **Yes** or **No**, then press .

Speed dialing

Speed dialing allows you to press and hold a key (or keys) to dial the number associated with those key(s). There are three types of speed dialing; 1-touch, 2-touch, and 3-touch dialing.

1-touch dialing

Call phone numbers assigned to memory locations 002 - 009 by pressing and holding the any of the 2 - 9 keys. For example, to speed dial the number assigned to location 2, press and hold until the name and number appear in the display and the number is dialed.

1 is reserved for voicemail.

2-touch dialing

Call phone numbers assigned to keys 010 through 099 by briefly pressing the first key, then pressing and holding the second key. For example, to speed dial the number assigned to 013, briefly press 1, then press and hold 3 DEF until the number dials.

3-touch dialing

Call phone numbers assigned to memory locations 100 through 500 by briefly pressing the first and second keys, then pressing and holding the third key. For example, to dial location number 113, briefly press 1, 1, then press and hold 3 DEF until the number dials.

Assign a speed dial location

1. In standby mode, press the left soft key ( ) **Menu**, then press 1 (**Phonebook**), 1 (**Find**).
2. Use the left/right navigation keys to display and select the Find method (**By Name**, **By Group**, etc.).
3. Enter information into the Find dialogue box to find the entry, or use the navigation keys to browse and highlight the desired entry.
4. Once the desired entry is highlighted, press OK.
5. Use the navigation keys to highlight the speed dial location field, which
6. Press the left soft key ( ) **Edit**.
7. Enter the speed dial location using the keypad.

You can also use the left and right navigation keys to browse for available speed dial locations.

8. Press OK to save your changes.

Assign speed dial type to an entry

If you have more than one number (or type, such as **Mobile** or **Office**) for a Phonebook entry, you can select which number you wish to be dialed when speed dialing the entry.

1. In standby mode, press the left soft key ( ) **Menu**, then press 1 (**Phonebook**), 1 (**Find**).
2. Use the navigation key to select the find method (**By Name**, **By Group**, etc.).
3. Enter information to find the entry, or use the navigation key to highlight the desired entry.
4. Press OK.
5. Use the navigation key to highlight the SpeedDial field, then press the left soft key ( ) **Edit**.
6. Use the left and right navigation keys to select the desired number (type) for speed dialing.
7. Press OK. Your changes are saved.

Assign a picture to a Phonebook entry

When you assign a picture to a Phonebook entry, the picture that you assigned to the entry appears in the display when you receive a call from that entry.

This option is available only if you have saved pictures to the **Photo ID** gallery. You can save pictures to the **Default Gallery** or **Photo ID** gallery when you take a picture.

You cannot assign a picture to an entry on your SIM card.

1. In standby mode, press the left soft key **Menu**, then press 6 MNO (**Multimedia**), 2 ABC (**Media Gallery**), 1 (**Photo Gallery**), 2 ABC (**Photo ID**).
2. Use the navigation key to display or highlight the picture that you wish to assign to the Phonebook entry.
3. Press the left soft key ( ) **Option**. A pop-up menu appears in the display.
4. Use the navigation key to highlight **Assign**, then press OK.
5. Use the navigation key to highlight **Phonebook**, then press OK. Your Phonebook entries appear in the display.
6. Use the navigation key to highlight the entry to which you wish to assign the picture, then press OK. The picture is assigned to the selected entry.

Store numbers after a call

Once you've finished a call, you can store the number of the caller to your Phonebook.

If the call was incoming and Caller ID information was unavailable, then the store option is also unavailable.

1. After you press END/⏻ to end your call, the call time, length of call, phone number, and name of the party (if available) appears in the display.
2. Press the right soft key ( ) **Save**. You're prompted to confirm this as a **New Entry**, or **Add Existed Entry**.
3. Follow the on-screen prompts to designate other information.

Store a number in standby mode

Store a phone number by entering the number in standby mode, then press OK. Follow the screen prompts to assign number types and other information.

Manage the SIM Phonebook

Entries can also be stored on the SIM card provided by Verizon Wireless. The storage capacity of the SIM card depends upon the SIM card type. You can view stored SIM entries, and even copy them to the Phonebook while in **Verizon (CDMA)** mode. However, to edit or save entries on the SIM card, you must be in **Int'l (GSM)** mode.

Store new entries to the SIM card

1. With the phone in **Int'l (GSM)** mode (and standby mode), enter the number that you wish to store to the SIM card.
2. Press OK (**Save**). A pop-up menu appears in the display with **New Entry** highlighted.
3. Press OK. The **Select Type** screen appears in the display.
4. Press the left or right navigation key until **SIM** appears in the display, then press OK.
5. Enter a name for the entry that you are storing to the SIM card using the keypad.

- Press the left soft key ( ) **Option** to display a pop-up menu that allows you to choose alternative methods of text entry such as **T9 Word** and **Symbol**, if desired.

6. After entering a name for the entry, highlight the location field using the navigation key.
7. Use the left/right navigation keys to change the location number. Otherwise, press OK to save the entry to your SIM card with the location number unchanged.

Edit, Delete, or Copy SIM card entries (GSM Only)

1. With the phone in **Int'l (GSM)** mode (and standby mode), press the right soft key ( ) **Contacts**. The list of entries stored to your Phonebook and SIM card appear as a list in the display.

The SIM card and phone icon ( ) appears to the right of any entries stored on the SIM card.

---

2. Use the navigation key to highlight the SIM entry that you wish to edit or delete.
3. Press the left soft key ( ) **Option**. A pop-up menu with the options listed in the following table appears in the display.

Option	Function
New	Store a new entry to the Phonebook or SIM card.
Find	Find entries stored in the Phonebook or the SIM card.
Edit	Edit information for the highlighted entry.
Delete	Delete the highlighted entry.
Mark & Delete	Mark and delete several entries at once.
Copy to Phonebook	Copy the SIM entry to the Phonebook.

4. Use the navigation key to highlight the desired option, then press OK to perform the function for the highlighted option.

Find

If you've stored a name entry to your Phonebook or SIM card, **Find** allows you to locate it quickly.

1. In standby mode, press the left soft key ( ) **Menu**, then press 1 (**Phonebook**), 1 (**Find**).
2. Use the left/right navigation keys to select the method by which to find the entry. The Find methods listed in the following table appear in the display.

Find	Function
By Name	Search the Phonebook alphabetically by name. Enter the name of the person as they are entered in your Phonebook (last name first, etc.).
By Entry	Search the Phonebook by entry number.This is the same number assigned to Speed dial (002, 003, etc.).
By Group	Search the Phonebook by selecting from one of the five available groups. This option only works if you've added entries to one of the groups.
SIM Only	Search for entries on the SIM card (only).

More information on each of these methods is available in the following sections.

By Name

1. Enter the name of the person *as they are entered in your Phonebook*. For example, if you saved the name as Amy Smith, begin the search by pressing 2 ABC (for "A"). As you enter characters, the closest matches to the characters that you enter appear in the display.
2. When the desired entry appears in the display, highlight the entry using the navigation key.
3. Press SEND to dial the number associated with the name.

4. Press OK to view information about the entry.
5. Press the left soft key (▭) **Option** to display the options listed in the following table.

Option	Description
Edit	Edit details of the highlighted name.
Delete	Erase the name and associated information.

6. Use the navigation key to highlight an option, then press OK to enter the highlighted option's sub menu.

By Entry

This option allows you to find a stored entry by location (or speed dial) number.

1. In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 1✉ (**Find**).
2. Use the left/right navigation keys to display **by Entry**.
3. Enter the location number using the keypad. Entries appear in the display below the entry field.
4. Use the navigation key to highlight the entry. Press OK to display information about the entry.
5. Press the left soft key (▭) **Option** to display the options listed in the following table.

Option	Description
Edit	Edit details of the highlighted name
Delete	Erase the Name and associated information

6. Use the navigation up/down keys to highlight an option, then press OK to enter the option's sub menu.

By Group

This option allows you to find a stored entry in a related group.

1. In standby mode, press the left soft key ( ) **Menu**, then press (**Phonebook**), (**Find**).
2. Use the left/right navigation keys to display **By Group**.
3. Press the navigation key down briefly to highlight the group field.
4. Use the left/right navigation keys to display the group that you wish to search. As each group appears in the display, entries assigned to the group appear beneath.
5. Use the navigation key to highlight the desired entry.
6. Press to display information about the entry.
7. Press the left soft key ( ) **Option** to display the options listed in the following table.

Option	Description
Edit	Edit details of the highlighted name
Delete	Erase the Name and associated information

8. Use the navigation up/down keys to highlight an option, then press to enter that option's sub menu.

SIM Only

Use this option to find entries stored solely on your Verizon Wireless SIM card.

1. In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 1✉ (**Find**).
2. Use the left/right navigation keys to display **SIM Only**. Any entries stored to your SIM card appear in the display.
3. If you have a large number of entries on your SIM card, use the keypad to enter search criteria in the dialogue box beneath **SIM Only**. Otherwise, use the navigation keys to highlight the desired SIM entry.
4. Press OK to open the highlighted entry and view other information, if desired. Press SEND if you wish to dial the highlighted entry.

New

When you add information to your Phonebook, you can add it as a new entry or as an existing entry.

Method 1

1. In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 2 ABC (**New**). The Phonebook opens, the cursor blinking in the **Name** field.

Note

If you are in GSM mode, after you press 1✉ (**Phonebook**), 2 ABC (**New**), you're prompted to select between Phone and SIM card before the Phonebook opens.

---

2. Enter a name for the entry using the keypad.

3. Use the navigation key to highlight the speed dial entry field (◁ [002] ▷). Use the left/right navigation keys to select an available speed dial location, if desired.
4. Use the navigation key to highlight the appropriate type (**Mobile**, **Home**, **Office**, **E-mail**, etc.). Once highlighted, use the keypad to enter required information.
5. Use the navigation key to highlight other type fields, if desired. Enter information using the keypad.

Once you've entered a character into any of the type fields, press the left soft key ( ) **Option** to display a pop-up menu which allows you to enter a **P Pause** or **T Pause**.

---

6. When you're finished entering information for the entry, press OK to save the entry to your Phonebook.

Method 2

You can add new numbers to the Phonebook by simply entering the number while the phone is in standby mode, then following the necessary prompts to complete the process.

1. In standby mode, enter the number that you wish to save using the keypad, then press OK. You're prompted to select from **New Entry** or **Already Exists**.
2. Press 1 to enter the number as a **New Entry**, or press 2 ABC to append the number to an entry that **Already Exists**.
3. If you selected **New Entry**, proceed to step 5 to select the number type. The following types are available.

   Mobile Home Work Fax Pager
4. If you selected **Already Exists**, proceed to step 8.

5. Use the left/right navigation keys to display the desired type, then press OK. The Phonebook opens.
6. Enter a name for the entry using the keypad. Press the left soft key ( ) **Option** if you wish to select a different method of text entry, such as **ABC**, **T9 Word**, **Symbol**, or **123**.
7. When you're finished entering information for the entry, press OK. The entry is saved to your Phonebook.
8. If you selected **Already Exists**, the Phonebook opens in **Find** mode. Use the navigation key to browse through entries, or enter the name of the entry using the keypad.
9. Once you've highlighted the entry for which you wish to append the number, press OK. The number is appended to the selected entry and saved to your Phonebook.

Group

You can place any Phonebook entry into one of five categories, called "Groups." Groups allow you to search your Phonebook faster, quickly send messages to one or more group members, and more.

By default, new entries to your Phonebook are placed into the **No Name** Group unless another group is specified.

View groups

1. In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 3 DEF (**Group**). The following groups appear in the display.

   No Name
   Family
   Friends
   Colleague
   Business

2. Use the navigation key to highlight the desired group, then press OK to enter the group and view its contents.

Move an entry to another group

1. In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 3 DEF (**Group**). The following groups appear in the display.

   No Name
   Family
   Friends
   Colleague
   Business

2. Use the navigation key to highlight the group containing the entry that you wish to move, then press OK.
3. The group name appears in the top of the display, with its contents (entries) appearing in the display beneath.
4. Use the navigation key to highlight the entry that you wish to move to another group.
5. Press the left soft key (▭) **Option**. A pop-up menu appears in the display with **Change Group** highlighted.
6. Press OK. You're given the option to select the group to which you would like to move the entry.

7. Use the left/right navigation keys to select the destination group, then press OK. The entry is moved to the selected group.

Create a new group

In addition to the five groups already in your phone, you can create additional groups (a maximum of 10). New groups can be named anything you like as long as their names are within the 12-character limit.

1. In standby mode, press the left soft key (—) **Menu**, then press 1 (**Phonebook**), 3 DEF (**Group**). Your existing groups appear in the display.
2. Press the left soft key (—) **Option**. A pop-up menu appears in the display with **New Group** highlighted.
3. Press OK. The New Group dialogue box appears in the bottom of the display.
4. Enter a name for the group using the keypad. Press the left soft key (—) **Option** to select another mode of text entry, if desired.
5. Press OK. The new group is saved.

Rename a group

The five default groups cannot be renamed. However, any of the groups that you create can be renamed as long as their names are within the 12-character limit.

1. In standby mode, press the left soft key (—) **Menu**, then press 1 (**Phonebook**), 3 DEF (**Group**). Your existing groups appear in the display.
2. Use the navigation key to highlight the group that you wish to rename.

3. With the desired group highlighted, press the left soft key (—) **Option**. A pop-up menu appears in the display.
4. Use the navigation key to highlight **Rename Group**, then press OK. The Rename dialogue box appears in the display.
5. Enter a name for the group using the keypad. Press the left soft key (—) **Option** to select another mode of text entry, if desired.
6. Press OK. Your changes are saved.

Delete a group

The five default groups cannot be deleted. However, any of the groups that you create can be deleted anytime.

1. In standby mode, press the left soft key (—) **Menu**, then press 1 (**Phonebook**), 3 DEF (**Group**). Your existing groups appear in the display.
2. Use the navigation key to highlight the group that you wish to delete, then press the left soft key (—) **Option**. A pop-up menu appears in the display.
3. Use the navigation key to highlight **Delete Group**, then press OK. A message appears in the display prompting you to confirm the deletion.

All entries within the group will be deleted. Move the entries to another group before deleting the group if you wish to keep the entries.

---

4. Press the left soft key (—) **Yes** to delete the group and all entries within, or press the right soft key (—) **No** to return to the group list.

Send a text message to members of a group

Use Send Message in the Group feature to send a message to as many as 10 members of a group at once.

This feature works in Verizon (CDMA) mode only. Text messaging availability varies when roaming off the Verizon Wireless Network.

---

1. In standby mode, press the left soft key (—) **Menu**, then press 1 (**Phonebook**), 3 DEF (**Group**). Your existing groups appear in the display.
2. Use the navigation key to highlight the group to which you wish to send a message.
3. Press the left soft key (—) **Option**. A pop-up menu appears in the display.
4. Use the navigation key to highlight **Send Message**, then press OK. Those members of the group with a mobile number or e-mail address appear in the display.
5. Use the navigation key to highlight a group member that you wish to send a message.
6. Press the left soft key (—) **Mark** to add the group member to the message distribution list.
7. Repeat steps 5 and 6 until all members of the group to which you wish to send a message are marked.

You can mark up to 10 members of a group for message distribution. If you try and mark an 11th member, you'll be notified that 10 addresses have already been selected.

8. Press OK. A pop-up menu appears in the display with **Text Msg** highlighted.
9. Press OK. The list of addresses (or numbers) to which the message will be delivered appears in the display.
10. Press OK. The message entry screen appears in the display.
11. Enter the content of your message using the keypad.
12. To send the text message, press OK.

Send a Pix Msg to members of a group

Only available within Verizon Wireless Enhanced Services Area.

1. Follow steps 1 through 8 in the previous section entitled "Send a text message to members of a group" .
2. With **Text Msg** and **Pix Msg** appearing in the pop-up menu, use the navigation key to highlight **Pix Msg**, then press OK.
3. The list of addresses (or numbers) to which the message will be delivered appears in the display.

4. Press OK. The Pix Msg composer appears in the display with the options listed in the following table.

Option	Function
Add Message	Add text to the Pix Msg.
Add Sound	Add sound to the Pix Msg.
Add Image	Add an image to the Pix Msg.
Add Subject	Add a subject to the Pix Msg.
Attach	Attach a Name Card or an entry in your Phone-book to the message.

5. Use the navigation keys to highlight the desired option.
6. Use the left right navigation keys to enter the option's sub menu and perform the function listed.

- Once you've finished adding the desired content to your Pix Msg, you're returned to the Pix Msg composer.

7. Press OK to send the Pix Msg. The Pix Msg is sent to the intended recipients.

My Name Card

My Name Card allows you to create a virtual business card. Once completed, you can send the card to recipients as a V-card attachment.

1. In standby mode, press the left soft key ( ) **Menu**, then press 1 (**Phonebook**), 4 GHI (**My Name Card**).
2. My Name Card opens with the cursor blinking in the name field.
3. Enter information in each of the fields as desired. Use the navigation key to move between fields, then use the keypad to enter information.
4. When finished, press OK to save the V-card.

Send V-card (CDMA Only)

May not be available on all CDMA networks.

Once you've created a V-card, you can send it to another compatible Verizon Wireless phone or any e-mail address.

The following steps outline sending a V-card by going through each and every option for adding images, sounds, and messages to the V-card. If you wish to send the V-card without such additional information, press OK after step 4.

1. In standby mode, press the left soft key ( ) **Menu**, then press 1 (**Phonebook**), 5 JKL (**Send V-card**). A pop-up menu appears in the display with **My Name Card** highlighted.
2. Press 1 to select **My Name Card** or press 2 ABC to select and send an entry from your Phonebook.
3. If you selected **My Name Card**, press OK at the next screen to send the V-card. The **SEND TO** field appears in the display.

4. Enter a Verizon Wireless phone number or any e-mail address using the keypad, then press OK. The Pix Msg composer appears in the display.

To enter special characters necessary for an e-mail address, press the left soft key ( ) **Option** to display a pop-up menu where you can select from a variety of characters.

5. The **Add Message** field is highlighted. Press the right navigation key to enter the message composer.
6. Enter a message using the keypad, then press OK.
7. Press the down navigation key to highlight the **Add Sound** field.
8. Press the right navigation key to display the **Add Sound** menu. Choose from four options such as preloaded melodies, sounds downloaded using Get It Now, and recorded voice memos. You can even record a new voice memo to attach to the V-card.

- Once you've selected a sound from the Add Sound menu, you're returned to the Pix Msg composer.

9. Press the down navigation key to highlight the Add Image field. Press the right navigation key to display the Add Image menu, where you can select from a variety of image options to enhance your V-card. Press the right soft key ( ) **Back** to exit the Add Image menu, if desired.
10. Once you've returned to the Pix Msg composer, press the down navigation key to highlight **Add Subject**.
11. Press the right navigation key if you wish to enter a subject for the V-card, or press the right soft key ( ) **Back** to cancel entering a subject.
12. Once you've returned to the Pix Msg composer, press OK to send the V-card. **Sending...** appears in the display as the V-card is sent to the intended recipient.

My Phone

My phone # displays the ten-digit number assigned to your phone by Verizon Wireless.

- In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 6MNO (**My Phone #**). The phone number assigned to your phone by Verizon Wireless appears in the display.

Memory Info

Memory Info displays the Total, Used, Reserved, and Free memory for the Phonebook and SIM Memory.

Reserved memory is only available in the Phonebook and doesn't appear under **SIM Memory**.

---

1. In standby mode, press the left soft key (▭) **Menu**, then press 1✉ (**Phonebook**), 7PQRS (**Memory Info**). Memory information for your Phonebook and SIM card appear in the display.
2. Use the navigation up/down keys to scroll through the information in the display, if desired.

Delete All (in CDMA mode)

Delete All (in CDMA mode) allows the deletion of all entries in your Phonebook but not those on your SIM card.

1. In standby mode, press the left soft key ( ) **Menu**, then press 1 (**Phonebook**), 8 TUV (**Delete All**). You're prompted to enter the lock code.
2. Enter the lock code. The default lock code is the last four digits of your phone number. The phone prompts you to confirm the deletion of all entries.
3. Press the left soft key ( ) **Yes** to delete all Phonebook entries, or press the right soft key ( ) **No** to return to the Phonebook menu.

Delete All (in GSM mode)

Delete All (in GSM mode) allows you to delete all entries in both the Phonebook and SIM card.

1. In standby mode, press the left soft key ( ) **Menu**, then press 1 (**Phonebook**), 8 TUV (**Delete All**). You're prompted to enter the lock code for the phone.
2. Enter the lock code. The default lock code is the last four digits of your phone number. A pop-up menu appears in the display with the options listed in the following table.

Option	Function
Cell Phonebook	Delete all entries in your Phonebook, but not those on the SIM card.
SIM Phonebook	Delete all entries on the SIM card, but not those in Phonebook memory.
All Phonebook	Delete all entries in your Phonebook and the SIM card.

3. Use the navigation key to highlight an option. Press OK to perform the function for the highlighted option.
4. When asked to confirm deletion of the selected memory, press the left soft key ( ) **Yes** to continue or press the right soft key ( ) **No** to return to the Phonebook menu.

Recent Calls

Use Recent Calls to view received, dialed, and missed calls for your phone. You can also use Recent Calls to erase your call history and view Call Timers.

Functionality of Recent Calls is dependent upon availability with the service provider's network and whether or not Caller ID is enabled.

View Recent Calls

1. In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC (**Recent Calls**).
2. Press the corresponding number on the keypad to view call logs for the following call types.

- 1 for **Received**, 2 ABC for **Dialed**, 3 DEF for **Missed**.

Recent Calls menu options

While viewing recent calls, you have options such as saving recent call numbers to your Phonebook, sending messages to recent call numbers, and prepending (editing) numbers before saving.

1. In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC (**Recent Calls**).
2. Press the corresponding number on the keypad to view call logs for the following call types.

- 1 for **Received**, 2 ABC for **Dialed**, 3 DEF for **Missed**.

3. With the desired call log appearing in the display, press the left soft key ( ) **Option**. A pop-up menu appears in the display with the options listed in the following table.

Option	Function
Save Number	Save the number as a new entry or save to an existing entry in your Phonebook.
Delete	Delete the number from your Recent Calls list.
Mark & Delete	Mark and delete only selected calls.
Send Message	Send a text message or Pix Msg to the number.

4. Use the navigation keys to highlight an option.
5. Press OK to perform the highlighted function.
6. Follow the prompts as necessary to complete the function.

Tip: To quickly view recently dialed and received calls, press SEND with your phone in standby mode.

Delete Call Logs

Use Delete Call Logs to delete calls from any or all call logs.

1. In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC (**Recent Calls**), 4 GHI (**Delete Call Logs**).
2. Use the navigation key to highlight the call log type that you wish to delete, then press OK. You're prompted to confirm the erasure.
3. Press the left soft key ( ) **Yes** to erase the selected call log, or press the right soft key ( ) **No** to return to the **Delete Call Logs** sub menu.

Call Timers

Use the Call Timers sub menu to view various timers for calls made and received from your phone. You can also reset any of your call timers, with the exception of the Lifetime timer.

The Lifetime timer retains a log of all calls made since the purchase of your phone and cannot be reset.

1. In standby mode, press the left soft key ( ) **Menu**, then press 2 ABC (**Recent Calls**), 5 JKL (**Call Timers**). The sub menus listed in the following table appear in the display.

Option	Function
Last Call Timer	View the duration of your last call.
Total Received	View the duration of total, incoming, and outgoing calls made on your phone since last erased.
Total Dialed	View duration of calls dialed from your phone.
Lifetime	View duration of all calls on your phone since activation (LifeTime timers cannot be erased).
Reset Timer	Reset the Last Call Timer, Total Received, or Total Dialed timers.

2. Use the navigation key to highlight the desired sub menu.
3. Press OK to perform the function for the highlighted option or to enter its sub menu and make changes as desired.

Messages

Your phone can send and receive messages to compatible phones and devices. Before you send messages, it's best to cover the basics of composing messages using the four entry modes of **Abc**, **Symbol**, **123**, and **T9 Word**.

In Internat'l (GSM) Mode, a 140-character limit (including spaces) applies to text messages. The 140-character limit includes the Call Back Number, Reply to Address, Send to Address, and message. Any excess characters will be deleted when the message is sent.

Available memory is shared between all messages. You can store up to 50 incoming and 50 outgoing messages. However, the exact number depends upon message length.

Text entry modes

Messages can be made up of alphabetical characters, symbols, and numbers. Each method for entering text is outlined in the following table and explained in greater detail in the sections that follow.

Text Entry Mode	Function
ABC	Alphabetical text entry mode. Options are: ABC - All uppercase Abc - Initial caps abc - All lower case
123	Number entry mode. Enter numbers by pressing the corresponding key on the keypad.
Symbol	Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above it in the display.

Text Entry Mode	Function
T9 Word	Predictive text mode. Press each key only once to enter the letter of the word that you're spelling.

The current mode of text entry is indicated in the lower right corner of the display.

Change text entry modes

1. While composing a message, press the left soft key ( ) **Option** to display a pop-up menu with the options listed in the following table.

Option	Function
ABC	Choose the method of text entry.
Quick Text	Choose from up to 17 pre-composed messages to insert into your current message.
Add Number	Add a number from your Phonebook.
Send Option	Choose the priority, validity, privacy, and other options for your message.
Save in Draft	Save the message to your Drafts folder.
Edit Send To	Edit the Send To number of your recipient.
Save Text	Save the text in your message to Quick Text for later use.

2. **ABC** is highlighted. Use the navigation left/right keys to choose from one of the other three text entry modes of **123**, **T9 Word**, and **Symbol**. Each text entry mode is explained in greater detail in the following sections.

ABC mode

- Enter characters while in ABC mode by pressing the key that contains the desired characters (4 GHI for "h").
- Press the key repeatedly to cycle through other available characters for that key.

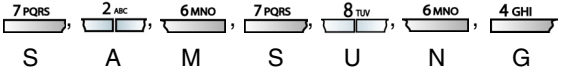
- Pause briefly when the desired character appears in the display to accept the character and therefore insert it into the message.
- Press # to enter a space.
- To cycle between uppercase, lower case, and initial caps for characters in ABC mode, briefly press *.

T9® Word text entry

T9 Word recognizes the most commonly used word for any sequence of keypresses and inserts that word into your message. It's much faster than the traditional method of text entry (Abc) and *requires only one key press per letter* of the word that you're spelling.

1. In standby mode, press the left soft key (—) **Menu**, then press 3 DEF (**Messages**), 1 (**New Text Message**) to compose a new text message.
2. Enter the phone number of the recipient, then press OK.
3. Press the left soft key (—) **Option** to display a pop-up menu containing text entry mode options.
4. **ABC** is highlighted. Use the left/right navigation keys to display **T9 Word**, then press OK.

- Now, for practice, enter the word "Samsung" into your message by pressing each of the following keys *only once*:



T9 Word recognizes that the most frequently used word for the sequence that you just entered is "**Samsung**." If more than one word shares the same sequence, T9 Word provides the most common of the two. Press 0+ to display other words in the dictionary, if available.

123 mode

Enter numbers into a text message while in number mode (**123**). See "Change text entry modes" on page 81 for instructions on changing text entry modes.

- While in 123 mode, press the key containing the number that you wish to insert into your message.

Symbol mode

Symbol mode enables you to enter symbols such as **@** or **%** into a text message.

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 1 (**New Text Message**) to compose a new text message.
2. Enter the phone number of the recipient, then press OK.
3. Press the left soft key ( ) **Option** to display a pop-up menu containing the following options.

Option	Function
ABC	Choose the method of text entry.
Quick Text	Choose from up to 12 pre-composed messages to insert into your current message.
Add Number	Add a number from your Phonebook.
Send Option	Choose the priority, validity, privacy, and other options for your message.
Save in Draft	Save the message to your Drafts folder.
Edit Send To	Edit the Send To number of the recipient.

Option	Function
Save Text	Save the text in your message to Quick Text for later use.

4. **ABC** is highlighted. Use the left/right navigation keys to display **Symbol**, then press OK. The first of four screens containing symbols appears in the display.
5. Use the navigation left/right keys to page through the other symbols, if necessary.
6. Enter the key that corresponds with the symbol that you wish to enter. For example, press 4 GHI for an exclamation point (**!**).
7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Send text messages

Note: May not be available on all GSM networks and when roaming off the Verizon Wireless Network.

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 1 (**New Text Message**) to compose a new text message.
2. Enter the phone number of the recipient, or press the left soft key ( ) **Option** to display a pop-up menu with the options listed in the following table.

Option	Function
ABC	Choose from ABC, 123, T9 Word, and Symbol modes of text entry.
@	Insert the @ symbol (for email), or select one of the domain suffixes of .com, .edu, .org, and .net.

Option	Function
Contacts	Select recipients from your Phonebook.
Group	Select recipients from one or more of your groups.
Recent Calls	Select recipients from one or more recent calls.
Save Address	Save the address you just entered to the Phonebook.

3. After selecting or entering your recipients in the Send To field, press OK. The message composer appears in the display.

4. Compose your message using the keypad. At any point while composing a message, press the left soft key (▭) **Option** to display the options listed in the following table.

Option	Function
ABC	Choose the method of text entry.
Quick Text	Choose from up to 17 pre-composed messages to insert into your current message.
Add Number	Add a number from your Phonebook.
Send Option	Choose the priority, validity, privacy, and other options for your message.
Save in Draft	Save the message to your Drafts folder.
Edit Send To	Edit the Send To number of your recipient.
Save Text	Save the text in your message to Quick Text for later use.

5. Use the navigation key to highlight an option. Press OK to perform the function for the option, or to enter its sub menu.

6. To send the message, press OK.

Send Option

Send Option set priority, validity, privacy, and other options before you send a message.

May not be available on all GSM networks. Priority, Validity, and Privacy are NOT supported for GSM SMS.

1. At the message composer screen, press the left soft key (▭) **Option**. A pop-up menu appears in the display.
2. Use the navigation key to highlight **Send Option**, then press OK. The Send Option categories and options listed in the following table appear in the display.

Category	Options	Function
Priority	**Normal** **Urgent**	Assign a priority to your message.
Validity	**None** **30 Min** **1 Hour** **2 Hours** **12 Hours** **1 Day** **2 Days** **3 Days** **5 Days**	Select the period of time that you wish the message to be available to the recipient. After the set period of time, your message is recalled.
Privacy	**Not Restricted** **Restricted**	Choose the desired level of privacy for your message.
Insert Signature	**Off** **On**	Insert your pre-composed signature into the message.
Callback #	**Yes** **No**	Insert a number into your message for the recipient to call you back.

Category	Options	Function
Def. Delivery	**Immediate** **Set Time**	Choose when you wish your message to be sent.

3. Use the up/down navigation keys to highlight a category. Once a category is highlighted, use the left/right navigation keys to browse through the options for the selected category.
4. When the desired option is highlighted, press OK to confirm the selection or to enter the option's sub menu.

Receive text messages

May not be available on all GSM networks and when roaming off the Verizon Wireless Network.

When you receive a message in standby mode, the ringer sounds, (unless turned off), and **New Text Msg** appears in the display along with the closed envelope icon ( ). The date and time of the message also appear in the display.

- Press the left soft key ( ) **Ignore** to return the phone to standby mode. The message is saved to your inbox where you can view it later.
- Press the right soft key ( ) **View** to open the message, where you have the option to **Reply**, **Forward**, **Delete**, **Save Address**, **Save Text**, or **Save Msg**.

Receive messages while in a call

When you receive a message while in a call, the ringer sounds, (unless turned off), and **New Message** appears in the display along with the closed envelope icon ( ). You can view the message without disconnecting your call.

1. Press the left soft key ( ) **Ignore** to ignore the message. The message is saved to your inbox where you can view it later.
2. Press the right soft key ( ) **View** to open the message, your call remains connected.

Send Pix Msg

Only available within Verizon Wireless Enhanced Services Area.

You can add sounds and attach a V-card or Phonebook entry to your Pix Msg. This is also known as Multimedia Messaging (MMS).

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 2 ABC (**New Pix Msg**).
2. Enter the phone number or e-mail address of the recipient (or recipients) using the keypad.
3. Press the left soft key ( ) **Option** to display a pop-up menu that provides options for changing text entry modes, entering a domain suffix for an e-mail address, and to CC/BCC recipients.

Fast Fact CC and BCC are acronyms for **Carbon Copy** and **Blind Carbon Copy**. Use **CC** to copy recipients normally. Use **BCC** to copy recipients that you don't wish others in the list to see.

Note You can send a Pix Msg to up to ten recipients. Separate each recipient's address or phone number with a space in the **Send to** field of the Pix Msg composer.

4. Press OK once you've finished entering the number or e-mail address of the recipients in the **To**, **CC**, or **BCC** fields. The Pix Msg composer appears in the display with the **Add Message** field highlighted.
5. Press the right navigation key to add a message.
6. Compose your message using the keypad, then press OK. You're returned to the Pix Msg composer.
7. Press the down navigation key. **Add Sound** is highlighted.
8. Press the right navigation key to add a sound to your message.
9. Use the navigation key to highlight the type of sound you wish to insert into your message, then press OK.
10. Browse available sounds using the navigation key, then press OK. You're returned to the Pix Msg composer.
11. Press the down navigation key. **Add Image** is highlighted.
12. Press the right navigation key to browse available images. Use the navigation and OK keys to highlight and select available images, or to take a picture.
13. Press the down navigation key once to highlight the **Subject** field.

14. Press the right navigation key to display the Subject composer.
15. Enter a subject using the keypad, then press OK. You're returned to the Pix Msg composer.
16. Press the down navigation key until **Attach** is highlighted, then press the right navigation key. A pop-up menu appears in the display.
17. Press 1 to insert a name card (if one exists), or press 2 ABC to insert an entry from your Phonebook.
18. At the Pix Msg composer, press OK to send the message to the intended recipient(s).

Send a Pix Msg in camera mode

Note: Only available within Verizon Wireless Enhanced Services Area.

You can send a Pix Msg to recipients with compatible Verizon Wireless phones or devices. You can even accompany a Pix Msg with a voice memo or preloaded sound.

Tip: You can send a Pix Msg to up to ten recipients. Separate each recipient's address or phone number with a space in the **Send to** field of the Pix Msg composer.

1. In standby mode, press and hold the Camera button (), on the right side of the phone.
2. Using the display as a viewfinder, press OK when the image that you wish to capture and send appears in the display.

While using the display as a viewfinder, a row of icons appear in the bottom of the display, which represent picture quality, zoom settings, orientation of the display, fun frames, brightness, and color. Use the left/right navigation keys to select an icon, then use the up/down navigation keys to select settings for brightness, color, and so on.

3. Press OK, then enter the Verizon Wireless phone number or e-mail address of the recipient.
4. Press OK. The Pix Msg composer appears in the display with the picture that you just snapped attached.
5. By default, the cursor is on **Add Message** field. Press the left soft key ( ) **Option** or the right navigation key to add a message.
6. Compose your message using the keypad, then press OK. You're returned to the Pix Msg composer.
7. Press the down navigation key. **Add sound** is highlighted.
8. Press the right navigation key to display the menu items in the following table.

Option	Function
Preloaded Melody	Add a sound that came preloaded on your phone to the message.
My Sounds	Add a downloaded melody to the message.
Voice Memo	Add a saved voice memo to the message.
Record Voice	Record a new voice memo to add to the message.

9. Use the up/down navigation keys to highlight an option, then press OK to enter the options sub menu and insert a sound into your message. Press the CLR key ( ) to exit the pop-up menu without inserting a sound.

10. Press the down navigation key twice to move the cursor to the **Add Subject** field, then press the right navigation key to add a subject.
11. Enter a subject for the message using the keypad, then press OK. You're returned to the Pix Msg composer.
12. Press the down navigation key until **Attach** is highlighted, then press the right navigation key. A pop-up menu appears in the display.
13. Press 1 to insert a name card (if one exists), or press 2 ABC to insert an entry from your Phonebook.
14. Once you've inserted a name card or an entry from your Phonebook, you're returned to the Pix Msg composer.
15. Press OK (**Send**) to send the message. **Sending...** appears in the display and a progress bar indicates the send status.

Receive a Pix Msg

Only available within Verizon Wireless Enhanced Services Area.

When you receive a new Pix Msg, **Pix Msg** appears in the display along with the options **Reject**, **Down**, and **Later**. To reject, download, or view the Pix Msg later on the Verizon Wireless website, review the instructions for each in the sections that follow.

For the options to **Reject**, **Down**, and **Later** to appear in the display when you receive a Pix Msg, retrieval mode must be set to **Prompt** instead of **Automatic** in the Message Settings sub menu.

Reject a Pix Msg

This feature is currently unavailable outside of the United States.

1. When you receive a new Pix Msg, press the left soft key ( ) **Reject**. You're prompted for a confirmation.
2. Press the left soft key ( ) **Yes**, and the message is rejected.

If you select **No**, you're returned you to the previous menu.

Download a Pix Msg

Only available within Verizon Wireless Enhanced Services Area.

1. When you receive a new Pix Msg, press OK (**Down**). **Downloading...** appears in the display.
2. After downloading, the image (and text if any) contained in the Pix Msg appear in the display.
3. Use the navigation keys to scroll through the message or view the entire picture if necessary.

View a Pix Msg later (online)

Only available within Verizon Wireless Enhanced Services Area.

1. When you receive a new Pix Msg, press the right soft key ( ) **Later**.
2. To view the message, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 4 GHI (**Inbox**).
3. Use the navigation key to highlight the unopened message, then press OK. Specific directions for viewing the picture online at the Verizon Wireless website appear in the display.

Message folders

Incoming messages are saved in the Inbox as SMS text messages.

Voicemail

Message alerts indicating new voicemail are sent via an SMS text Message. The messages indicate how many new and urgent voicemails are in your box. When all voicemails have been listened to, a new SMS text message is sent notifying you that there are zero new messages waiting. Open the text message to view the number of new and urgent voice messages in your voice mailbox. If a caller leaves a callback number, this number will also be sent via an SMS text message.

Receive Voicemail messages

When you receive a new voicemail message you'll hear a sound and an SMS text message appears in the display.

1. Press the left soft key (▭) to **Ignore**, or press the right soft key (▭) to **View** and open the details about the new message.

View Voicemail messages in the Inbox folder

1. In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 4 GHI (**Inbox**).
2. Use the navigation key to highlight the message that you wish to view.
3. Press OK to view contents of the highlighted message.

Note For more message options, please see "Inbox" on page 96.

Inbox

Received messages of all types are stored in the Inbox folder.

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 4 GHI (**Inbox**).

Tip: Press the right soft key ( ) **MSG** while in a call to open the Message menu.

2. Use the navigation key to highlight the message that you wish to view.
3. Press OK to view contents of the highlighted message.
4. While viewing a message press the left soft key ( ) **Option** to display the options listed in the following table.

Option	Function
Reply	Reply to the message.
Forward	Forward the message to another recipient.
Delete	Delete the message and its contents.
Save Address	Save the number of the sender to your Phone-book as a new entry or add to an existing entry.
Save Text	Save only the text within a message.
Save Msg	Save the message to the Saved/Draft folder.

5. Use the navigation key to highlight an option. Press OK to perform the function for the highlighted option.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully transmitted by enabling the Delivery Ack feature.

Delivery Ack may not be available on all GSM networks and when roaming off the Verizon Wireless Network.

Review messages in the Outbox

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 5 JKL (**Outbox).** Any sent messages appear in the display.
2. Use the navigation key to highlight the message that you wish to review, then press OK.
3. While viewing the message, press the left soft key ( ) **Option** to display the options listed in the following table.

Option	Function
Resend	Resend the message to the original recipient.
Delete	Delete the message.
Save Msg	Save the message to the Drafts folder.

4. Use the navigation key to highlight the desired option.
5. Press OK to perform the function for the highlighted option.

Messages and Lock Mode

Your phone still receives messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Saved/Draft

Saved/Draft messages are those that have been composed but never sent. You can return to the Saved/Draft folder at any time to view, edit, or send a Saved/Draft message.

Create a Draft Text Message

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 1 (**New Text Msg**).
2. Enter the phone number of the recipient, then press OK.
3. Compose your message using the keypad, then press the left soft key ( ) **Option**. A pop-up menu appears in the display.
4. Scroll down with the navigation key until **Save in Draft** is highlighted, then press OK. A confirmation message appears in the display and your message is saved to the Saved/Drafts folder.

View and Edit Draft Messages

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 6 MNO (**Saved/Draft**). Any draft messages that you've composed appear as a list in the display.
2. Use the navigation key to highlight the message that you wish to view, then press OK. The message opens in the **Send To** field with the address or number of the intended recipient.

3. Press OK. The message composer opens.
4. Press the CLR key (CLR) to backspace and delete any current characters in the display, if desired. Press and hold CLR to erase all characters.
5. Press the left soft key (▭) **Option**. A pop-up menu appears in the display with the options listed in the following table.

Option	Function
ABC	Choose the text entry mode. Options are ABC, 123, T9 Word, and Symbol.
Quick Text	Insert a pre-composed text message into your current message.
Add Number	Add a number to the current message from the Phonebook.
Send Option	Choose the Priority, Validity, and Privacy of your message. You can also insert a signature and insert a callback #.
Save In Draft	Save the message (with changes) back to the Drafts message folder.
Edit Send To	Edit the Send To number for the message.
Save Text	Save only the text in the message, if the message contains media or other content.

6. Use the navigation key to highlight the desired option. Press OK to perform the function for the highlighted option.
7. Once you've returned to the message composer, press OK to send the message, if desired.

Web Alert

This feature is currently unavailable outside of the United States.

Occasionally, Verizon Wireless may send notifications to your phone in the form of Web Alerts. These alerts may contain information regarding new services or updates. When you receive an alert, you will receive a text notification and hear an audible tone.

- In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 7 PQRS (**Web Alert**). Any web alerts that you have received appear in the display.

Contact Verizon Wireless for availability.

Msg Setting

The Msg Setting sub menu allows you to define default settings for all message types.

Text Msg Setting

1. In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 8 TUV (**Msg Setting**), 1 ✉ (**Text Msg Setting**). The options listed in the following table appear in the display.

Option	Function
Quick Text	View and edit any of the pre-composed messages in your Quick Text list.
Save In Outbox	Set the default method for saving (or not saving) messages to your Outbox.

Option	Function
Insert Signature	Insert a signature into all outgoing text messages. You also have the option to create a signature.
Auto Play	Set media within messages to automatically play upon reception, or prompt before playing.
Direct View	Turn Direct View on or off. Direct View immediately displays the content of a message as it is received.

2. Use the navigation key to highlight the desired setting. Press OK to perform the function for the highlighted option or to enter its sub menu.

Pix Msg Setting

This feature is currently unavailable outside of the United States.

1. In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 8 TUV (**Msg Setting**), 2 ABC (**Pix Msg Setting**). The options listed in the following table appear in the display.

Option	Function
Quick Text	View and edit any of the pre-composed messages in your Quick Text list.
Save In Outbox	Set the default method for saving (or not saving) messages to your Outbox.
Delivery Ack	Set your phone to alert you when messages are delivered (delivery acknowledgement may not be available on all networks).
Retrieval Mode	Set your phone to retrieve (download) a Pix Msg automatically or prompt you for retrieval.

2. Use the navigation key to highlight the desired setting. Press OK to perform the function for the highlighted option or to enter its sub menu.

Entry Mode

Use Entry Mode to select the default method of text entry.

1. In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 8 TUV (**Msg Setting**), 3 DEF (**Entry Mode**). The options listed in the following table appear in the display.

Option	Function
Alphabet	Enter text into messages using multiple keypresses.
T9 Word	Enter text into messages using T9 Word.

2. Use the navigation key to highlight the default method of text entry, then press OK. Your settings are saved.

Callback

Use Callback # to view or modify the callback #. The Callback # can be inserted into all outgoing messages, thereby notifying the recipient(s) of your phone number.

This feature is network dependent. GSM networks may not have this service. Also, functionality is dependent upon whether or not Caller ID is enabled on your phone and may not be available in all areas.

---

1. In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 8 TUV (**Msg Setting**), 4 GHI (**Callback #**). The callback # appears in the display.

2. Use the CLR key (CLR) to backspace and delete numbers. Press and hold CLR (CLR) to delete all characters from the display.
   OR
   Press the right soft key ( ) **Back** to exit the callback # display without making changes.
3. Enter a new callback # number using the keypad, then press OK to save your changes.

AUTO DELETE

Use Auto Delete to set the disposal method of messages after they are read.

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 8 TUV (**Msg Setting**), 5 JKL (**Auto Delete**). The options listed in the following table appear in the display.

Option	Function
Auto Delete	If memory is full, the first message received after the memory becomes full is automatically deleted.
Not Delete	Do not delete messages after they are read.

2. Use the navigation key to highlight the desired option.
3. Press OK to select the highlighted option. Your changes are saved.

Voice Mail

Use Voice Mail # to view or modify your voice mail number.

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 8 TUV (**Msg Setting**), 6 MNO (**Voice Mail #**). ***86** appears in the display.
2. Use the CLR key (CLR) to backspace and delete numbers. Press and hold CLR (CLR) to delete all characters from the display.
   OR
   Press the right soft key ( ) **Back** to exit the voice mail # display without making changes.

Insert a T Pause or P Pause into the Voice Mail Number (CDMA Only)

3. While viewing the voice mail number, press the left soft key ( ) **Option** to display a pop-up menu with the options listed in the following table.

Option	Function
T Pause	Inserts a short, 2.5 second pause into the dialing string. The phone pauses for 2.5 seconds before dialing resumes.
P Pause	Insert a “hard” pause into the dialing string. The phone waits for input from you before dialing resumes.

4. Press OK. Your changes are saved.

GSM Setting can only be accessed and modified while in GSM (Int'l) mode.

The GSM Setting sub menu offers a wide range of message settings for when your phone is in GSM (Int'l) mode. You can configure two different groups of settings (Setting 1, Setting 2), and then select between the two as desired.

1. In standby mode, press the left soft key ( ) **Menu**, then press 3 DEF (**Messages**), 8 TUV (**Msg Setting**), 7 PQRS (**GSM Setting**). The options listed in the following table appear in the display.

Option	Sub option	Function
Setting 1	**Service Center**	The number to which messages are forwarded for delivery.
	Default Destination	This number is automatically used when sending messages and should be the same as the service center number.
	Default Type	Select the default message sending type.
	Default Validity	Amount of time that the message center attempts to deliver your message before giving up.
	Setting Name	Default is Vodafone. Setting Name is sent with the message to the appropriate network for verification.
Setting 2	**Same as those in Setting 1**	See functions for Setting 1.
Reply Path	**On or Off**	Provides a way of both requesting and indicating a service center's commitment to deliver a reply to the originating message.
Delivery Reports	**On** or **Off**	Set to On if you wish to receive notifications of message delivery.

Option	Sub option	Function
Sending Setting	**Setting 1**	Use settings defined in Setting 1.
	Setting 2	Use settings defined in Setting 2.
Voice Mail #	**None**	Enter or edit your Voice Mail #.

2. Use the navigation key to highlight an option. Press OK to open the selected option and make changes.

Memory Info

Memory Info allows you to view the Total, Used, and Free memory for the phone and SIM card.

- In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 9 WXYZ (**Memory Info**). Total, Used, and Free memory appears in the display.

Delete All

Delete All erases all messages within a selected folder.

1. In standby mode, press the left soft key (▭) **Menu**, then press 3 DEF (**Messages**), 0 +ε (**Delete All**).
2. Use the navigation key to highlight the folder containing the messages that you wish to delete.
3. Press OK to delete all of the messages in the folder. You're prompted to confirm the deletion.
4. Press the left soft key (▭) **Yes** to delete all messages within the folder. Press the right soft key (▭) **No** to return to the folder list.

Get It Now

Only available within Verizon Wireless Enhanced Services Area.

With Get It Now, you can download full featured applications such as games, personalized ring tones, and pictures. You can also use it to send and receive instant messages, email, or browse the web to catch up on all the latest information.

If you receive a call while using Get It Now, the application is put on hold during the call. Once the call ends, your Get It Now session resumes where you left off.

1. In standby mode, press the right navigation key. The Shopping Cart icon ( ) appears in the display.
2. Press OK (**Start**). After a brief pause, the Get it Now options listed in the following table appear in the display.

Option	Function
What's New	Provides updates on the latest games, information services, etc.
Get Games	Select from a broad category of games you can play on your phone.
Get Tones	Download your favorite ring tones.
Get Going	Download applications that keep you in touch with the world, keep you organized, and help you find the coolest spots.
Get Pix	View, share your own pictures and even save them as your phone's wallpaper or screensaver.
Get Fun	Select from several fun and interesting applications.
Get Messaging	Check e-mail on some of the most popular clients on the Internet.
Search	Enter a keyword and search the Get It Now catalogue.

3. Use the navigation key to highlight the category of your choice, then press OK.
4. Select the application you wish to download and follow the online directions.

Settings

Use the Settings sub menu within Get It Now to manage, move, order applications, and more.

1. In standby mode, press the right navigation key to launch Get It Now.
2. At the Get It Now menu, use the navigation key to highlight **Settings**, then press OK. The options listed in the following table appear in the display.

Option	Function
Order Apps	Download applications over the network.
Move Apps	Move previously downloaded applications between the Main Menu, Work, and Fun folders.
Manage Apps	View System Info, Application List, Properties for each application, and other options.
Main Menu View	Select whether you wish to view the main Get It Now menu in a list or icon format.
Screensavers	View downloaded screensavers.
View Log	View the Get It Now log, which displays information about recent activity using Get It Now.

3. Use the navigation key to highlight an option.
4. Press OK to enter the option's sub menu and view or change settings.

Remove an application

You can remove applications to free up space for other applications.

1. At the Get It Now menu, press the right navigation key once to highlight **Settings**, then press OK.
2. Use the navigation key to highlight **Manage Apps**, then press OK. Any applications that you've downloaded to your phone appear in the display.
3. Use the navigation key to highlight the application that you wish to remove, then press OK.
4. Highlight the **Remove** icon, then press OK.
5. Highlight **Yes**, then press OK. The application is removed.

VZW with MSN

This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhances Services Area.

VZW with MSN allows you to surf the web from your wireless phone.

- Each time you launch VZW with MSN, your phone connects to the Internet and the service indicator icon (3G) or (2G) appears in the display.

If you receive a call while using VZW with MSN, the application is put on hold during the call. Once the call ends, your VZW with MSN session resumes where you left off. Only available within the Verizon Wireless Enhances Services Area

Any time the service indicator icon is visible, you are connected to the Internet and billed accordingly. Rates and prices vary according to your service contract. For further information on billing contact Verizon Wireless. Only available within the Verizon Wireless Enhances Services Area

Launch VZW with MSN

This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhances Services Area.

1. In standby mode, press the left navigation key. VZW with MSN and a list of categories (representing one or more web sites) appears in the display.
2. Use the navigation key to browse the categories.
3. Once the desired category is highlighted, press OK to enter the category list.

Exit VZW with MSN

This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhances Services Area.

- Press END/⏻ to exit VZW with MSN.

Navigate the web

This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhances Services Area.

When you use VZW with MSN, some of the keys operate differently than during a normal phone call.

VZW with MSN presents on-screen items in any of the following ways:

- Text or numeric input
- Links (embedded in content)
- Numbered options (some options may not be numbered)
- Simple text

You can act on the options or links by using the soft keys.

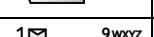
VZW with MSN soft keys

This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhances Services Area.

At the bottom of the VZW with MSN display is a solid bar which contains the browser commands. The left ( ) and right ( ) soft keys on the keypad of the phone are used to carry out the command that appears above them in the display. These two keys are called “soft keys” because their function changes depending where you are in the application.

How VZW with MSN keys work

The following table lists VZW with MSN keys and functions.

Key	Name	Function
	Navigation Key	Use the navigation key to browse lists and highlight options.
	CLR Key	A browser back-up key. Press once to back up one page. Press and hold to go back to VZW with MSN home page. Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.
	Asterisk/ Shift Key	Press before entering text to enable upper case characters (in Abc mode).
	0/Next Key	Press to enter a zero (0), or to display another word in the dictionary when in T9 Word entry mode.
	Pound/ Space Key	Press to insert a space when entering text.
	Numbers 1 - 9	Use the number keys to select items in a menu if they are numbered.

Key	Name	Function
	END Key	Press to exit VZW with MSN and return the phone to standby mode.
	Left Soft Key	Press the left soft key to go to the highlighted web link and/or perform the function above it in the display.
	Right Soft Key	The right soft key is the Menu key. Press this key to display a pop-up menu with several options.
	SEND Key	Press to dial a highlighted number.

Links

This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhances Services Area.

Links can serve several purposes, such as jumping to a different page, to a different site, or initiating a phone call. Links are shown inside of brackets ([ ]). Normally, the left soft key ( ) is used to select a highlighted link.

Place a call while using VZW with MSN

This feature is currently unavailable outside of the United States. Only available within the Verizon Wireless Enhances Services Area.

You can place a call while using VZW with MSN if the website supports this feature. Press the appropriate soft key to call the number. In most cases you can also press SEND to call the number. The Internet connection terminates when you initiate the call. After you end the call, your phone returns to standby mode.

Multimedia

Take full color digital pictures, display them on your phone's vivid color display, and share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera – just take a picture, view it on the display, and send it to up to ten people, right from your phone. Use the Image Retouch feature to resize, adjust hue, define the sharpness of your pictures.

Only available within Verizon Wireless Enhanced Services Area.

Take pictures

Taking pictures with the built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button. Open the camera menu by pressing the camera button ( ) on the right side of the phone.

With flip open

1. In standby mode, press the camera hot key ( ) on the right side of the phone. The Camera menu opens with **Take a Pix** highlighted.
2. Press OK to activate the camera.
3. Point the camera at your subject, using the display as a viewfinder.
4. Press OK (**Take**). The picture that you snapped appears in the display.
5. Press the left soft key ( ) **Save** to store the pictures to your phone's picture gallery, or press the right soft key ( ) **Back** if you wish to discard the picture.

With flip closed

1. With the flip closed, press and hold the camera button ( ) on the right side of the phone until the camera activates.
2. Using the external LCD as a viewfinder, press the camera button ( ) on the right side of the phone to snap a picture. The picture that you snapped and **Open to review...** appears in the external LCD display.
3. To save the picture, briefly press the camera button ( ) on the right side of the phone. The picture is stored in the picture gallery.

Camera session options

When the camera is active, a group of icons line the bottom of the display. Use the left/right navigation keys to highlight an icon. Once highlighted, use the up/down navigation keys to change settings for the selected option. The following table lists the icons and a short description.

These icons represent settings for the current camera session only and do not affect how the camera operates in future camera sessions. If you wish to change camera settings long-term, use the Camera Settings sub menu.

Icon	Name	Function
	Quality	Sets the quality of your picture. Options are Low, Medium, and High.
	Zoom	Set the zoom for x1, x2, or x4 (see note that follows this table).
	Rotate/Flip	Flip the picture in the display 180 degrees.

Icon	Name	Function
	Fun Frame	Border and crop pictures with preset frames that lend a different theme to each picture.
	Brightness	Set the brightness level.
	Color	Select several picture color settings such as Sepia, Negative, and Black & White.

Zoom is affected by the **Image Size** setting (**Menu** 6 MNO, 1, 2 ABC, 1). When Image Size is set to high, less zoom is available.

1. Once an icon is highlighted, press the up or down navigation keys to display other options or change settings for the highlighted function.
2. When you're ready to snap a picture, press OK.

Save pictures

1. After you've snapped a picture, press the left soft key (—) **Save**. You're given the option to save the picture to the **Default Album** or **Photo ID**.
2. Use the left/right navigation keys to display and select the save location.
3. Once you've selected the save location, press the down navigation key to move the cursor to **Photo Name**.
4. Press CLR to backspace and delete any characters currently occupying the name field.
5. Enter a name for the picture using the keypad, then press OK. The picture is saved.

Press the left soft key ( ) **Option** to display a pop-up menu, which allows you to select the mode of text entry (ABC, Symbol, etc.)

Other Camera features

The camera has a Media Gallery for browsing stored pictures, creative imaging features for picture enhancement, and more.

Media Gallery

Media of all types are stored in the Media Gallery. You can also view memory info for the Media Gallery to see how much space you've used (and have left) for stored media

1. In standby mode, press the left soft key ( ) **Menu**, then press 6 MNO (**Multimedia**), 2 ABC (**Media Gallery**). The sub menus listed in the following table appear in the display.

Sub Menu	Function
Photo Gallery	Contains the Default Album and Photo ID folders. The Default Album folder is used to store general pictures, while the Photo ID folder contains pictures that you use for photo identification (Caller ID).
Image Gallery	Contains Preloaded images (those that came with the phone). The My Image folder is used to store those images that you've downloaded via Get It Now.
Sounds	Browse sounds preloaded on your phone or those that you've downloaded using Get It Now.
Pix Template	View your list of Pix Templates for several different occasions such as birthdays, well wishes, and more.
Animelody Gallery	View your list of animated melodies that you've downloaded using Get It Now.

Sub Menu	Function
Memory Info	View memory information for the Image Gallery, Photo Gallery, and Total used.
Delete All	Delete images, sounds, animelodies, or photos from any folder of the media gallery.

2. Use the navigation up/down keys to highlight a sub menu or item. Press OK to enter the sub menu.

View the Media Gallery in thumbnails

1. Browse the photo or image galleries using any of the four navigation keys.
2. Press the right soft key ( ) **Expand** to view pictures full screen.

Image Retouch

Once you've saved a picture to a gallery, you can open and edit the picture using the Image Retouch option. Image Retouch allows you to perform creative image enhancements as listed in the following table.

Retouch Option	Function
Hue	Change the color attributes of the picture between red, green, yellow, and blue.
Saturation	Increase or decrease the level of color in the picture.
Sharpness	Increase or decrease the sharpness of the picture.
Fun Frame	Choose to border and theme the picture with one of several fun frames.
Resize	Resize the picture from Photo ID (smallest) to as large as 320 x 240.
Rotate/Flip	Rotate the picture 180 degrees.
Gray scale	Remove all color from the picture.
Invert Color	Invert (reverse) colors in the picture.

1. In standby mode, press the Camera button ( ) to the left of the navigation key. The Camera menu opens.
2. Press 4 GHI (**Photo Gallery**), then press 1 (**Default Album**) or 2 ABC (**Photo ID**).
3. Use the navigation key to browse stored pictures in the selected gallery.
4. Press the left soft key ( ) **Option**, then select **Image Retouch** from the pop-up menu.
5. Use the left/right navigation keys to highlight any of the retouch option icons in the bottom of the display.
6. Use the up/down navigation keys to change settings for the highlighted retouch options.
7. Press OK to save the picture with changes or press the right soft key ( ) **Back** to return to the gallery.

Camera Settings

Settings for features such as image size, quality, flash, and others keep you in control of how your camera operates.

Image Size

Preset the size of your pictures using the Image Size setting.

1. In standby mode, press the left soft key ( ) **Menu**, then press 6 MNO (**Multimedia**), 1 (**Camera**), 2 ABC (**Camera Settings**), 1 (**Image Size**). The following options appear in the display.

640x480
320x240
160x120
Photo ID

2. Use the navigation key to highlight the desired image size and press OK. Your settings are saved.

Image Quality

You can affect how much your photo is compressed, thereby reducing it's overall size (not to be confused with Image Size).

1. In standby mode, press the left soft key (—) **Menu**, then press 6 MNO (**Multimedia**), 1 (**Camera**), 2 ABC (**Camera Settings**), 2 ABC (**Image Quality**).
2. Use the navigation key to highlight **High**, **Medium**, or **Low**.
3. Once the image quality of choice is highlighted, press OK. Your settings are saved.

Flash

The built-in flash may enable you to take pictures in low light. The flash is located on the outside of the flip, next to the camera lens.

When Flash, Resolution, and Color Tones are defined in the Settings menu, those settings are saved even if the phone is turned off. However, when these settings are defined in the current camera session using the icons at the bottom of the display, the settings are active only for that session.

---

1. In standby mode, press the left soft key (—) **Menu**, then press 6 MNO (**Multimedia**), 1 (**Camera**), 2 ABC (**Camera Settings**), 3 DEF (**Flash**).
2. Use the navigation key to highlight **On** or **Off**, then press OK. Your settings are saved.

Color

Change the appearance of your pictures with the **Color** feature. Choose from the five color settings of **Normal**, **Black & White**, **Sepia**, **Negative,** and **Solarize**.

1. In standby mode, press the left soft key ( ) **Menu**, then press 6 MNO (**Multimedia**), 1 (**Camera**), 2 ABC (**Camera Settings**), 4 GHI (**Color**).
2. Use the navigation key to highlight one of the color tones in the following table.

Color Tone	Description
Normal	Subjects in the display and their pictures appear with a normal hue.
Black & White	Subjects in the display and their pictures appear in black and white.
Sepia	Subjects in the display and their pictures appear in a brownish-gray hue.
Negative	Subjects in the display and their pictures appear with light and dark colors inverted.
Solarize	Bright and dark colors appear inverted, however other colors appear unchanged.

3. Once the color of your choice is highlighted, press OK. Your settings are saved.

- When you take your next picture, the phone's display previews your subject in the selected color tone.

Shutter Sound

Choose from four different sounds that the camera makes whenever you snap a picture. Aside from being a cool sound effect, Shutter Sound acts as an audible reminder that your camera has taken the picture.

1. In standby mode, press the left soft key (▭) **Menu**, then press 6 MNO (**Multimedia**), 1 (**Camera**), 2 ABC (**Camera Settings**), 5 JKL (**Shutter Sound**).
2. Use the navigation key to highlight one of the following shutter sounds. Each sound plays as it is highlighted.

   Shutter Sound **Say Cheese**
   Look Here **Melody** **Silent** (CDMA only)
3. Once your choice is highlighted, press OK. You're returned to the Camera Settings sub menu.

Auto Save

If you select **On** for the Auto Save function, when you save a picture, you won't be prompted to save it to the Default Album or Photo ID folder. The picture is saved (without prompt) to the Default Album folder.

1. In standby mode, press the left soft key (▭) **Menu**, then press 6 MNO (**Multimedia**), 1 (**Camera**), 2 ABC (**Camera Settings**), 6 MNO (**Auto Save**).
2. Use the navigation key to highlight **On** or **Off**, then press OK. Your settings are saved.

Settings

The **Settings** menu allows you to configure your display, sounds, network preferences, security options, and more.

Phone Mode

Use Phone Mode to set your phone for the operational mode of Verizon (CDMA) or Int'l (GSM).

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 1 (**Phone Mode**).
2. Use the up/down navigation keys to highlight **Verizon (CDMA)** or **Int'l (GSM)**, then press OK. **Change Phone Mode?** appears in the display.
3. Press the left soft key ( ) **Yes** to confirm the change, or press the right soft key ( ) **No** to decline.
4. If you pressed ( ) **Yes**, the phone restarts and powers up in the selected mode.

Profile

Profiles define properties for such things as ringtones, alerts, and the sounds your keypad makes whenever you press a key. Settings for each of the four available profiles can be left at default or edited to suit your needs. Select, edit, and/or use the appropriate profile for situations such as meetings, while driving, or when you are outdoors.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 2 ABC (**Profile**). The profiles in the following table appear in the display.

Profile	Function
Normal	The default profile. Ringtones, alerts, and other settings are set to typical levels necessary for normal operation.
Meeting	Ringtones and alarms are set to silent, or low-level so that others aren't disturbed when you receive a call.
Drive	Default settings for ringtones and alarms are set to levels that will catch your attention while driving.
Outdoor	Default settings for ringtones and alarms are set to the highest audible level.

2. Use the navigation key to highlight the profile that you wish to select or edit.
3. To select the highlighted profile for use, press OK.
4. To edit a profile, press the left soft key ( ) **Edit** when the profile is highlighted. The sub menus in the following table appear in the display.

Sub Menu	Function
Volume/ Vibrate	Set the volume level or vibrate setting for calls and alarms.
Ringer Type	Choose the ringer type for calls and data.
Key Beep	Set the volume, length, and tone type for when keys are pressed for the selected profile.
Alerts	Turn alerts on or off for when you disconnect a call, enter a roaming area, lose service, and more for the selected profile.
Power On/Off	Turn the power on/off sound off or on for the selected profile.
Roam Ringer	Turn the roam ringer on or off for the selected profile.
Whisper	Turn whisper mode on or off for the selected profile.

Sub Menu	Function
Folder Sound	Turn the sound generated whenever you open or close the folder on or off for the selected profile.

5. Use the navigation key to highlight the sub menu that you wish to edit, then press OK.
6. Use the navigation key to select from the sub menu options that appear in the display, then press OK. Your settings are saved.
7. Press CLR to return to the Profile sub menu or press END/⏻ to return to standby mode.

Display

The Display sub menu affects the menu style, standby mode animation, backlight settings, and more.

1. In standby mode, press the left soft key (—) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**). The Display sub menus listed in the following table appear in the display.

Sub Menu	Function
Language	Choose the display language (English or Español).
Style	Choose Dynamic to animate your menus or choose Basic to view menus in a list format.
Animation	Choose the media that appears in the display when you turn the phone on, off, or when the phone is in standby mode.
Banner	Create your own personalized greeting that appears in the display when your phone is in standby mode.
Backlight	Choose settings for the LCD, Keypad, and Power Save.
Service LED	Turn the service LED on or off.

Sub Menu	Function
Auto Hyphen (CDMA Only)	With Auto Hyphen enabled, your phone automatically hyphenates phone numbers as they are entered. Auto Hyphen is only available in CDMA mode.

2. Use the navigation key to highlight the display sub menu that you wish to edit, then press OK.
3. Use the navigation key to select from the sub menu options that appear in the display, then press OK. Your settings are saved.

Language

Change the display language from English to Español or vice versa using the Language sub menu.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 1 ✉ (**Language**).
2. Use the navigation key to select the language of your choice, then press OK.

Style

The Style sub menu allows you to choose the format in which main menus appear in the display.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 2 ABC (**Style**).
2. Use the navigation key to highlight **Basic** or **Dynamic**, then press OK.

Animation

Animation allows you to choose the multi-media or pictures that appear in your phone's display when you turn it on, turn it off, and while the phone is in standby mode.

Choose Power On or Power Off animation

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 3 DEF (**Animation**).
2. Use the navigation key to highlight **Power On** (or **Power Off**), then press OK. An animation screen appears in the display with the current animation playing.
3. Use the left/right navigation keys to choose between **Power Off 1** or **Power Off 2**, then press OK. Your settings are saved.

Choose the Wallpaper

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 3 DEF (**Animation**).
2. Use the navigation key to highlight **Wallpaper**, then press OK. **Main LCD** and **Sub LCD** appear in the display.
3. Use the navigation key to highlight **Main LCD** or **Sub LCD**, then press OK.
4. If you selected **Main LCD**, choose from the four available options of **Photo Gallery**, **Image Gallery**, **World Time**, and **Slide Show**, then press OK. If you selected **Sub LCD**, proceed to step 6.

5. Follow the prompts to select the wallpaper that will appear in the main LCD display while your phone is in standby mode.
6. If you selected **Sub LCD**, choose an image from the image gallery, then press OK.
7. Follow the prompts to select the wallpaper to appear in the sub LCD while your phone is in standby mode.

Banner

Banner allows you to create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 4 GHI (**Banner**).

Note: Press and hold CLR to erase an existing banner, if necessary.

---

2. Enter a word or short phrase (12 characters or less) to appear in your phone's display when the phone is in standby mode.
3. Press OK to save the new banner.

Backlight

Set the backlight for the display or keypad to remain on for a specified period of time or to remain on as long as the flip is open.

Prolonged backlight use drains your battery faster.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 5 JKL (**Backlight**). The sub menus listed in the following table appear in the display.

Option	Function
LCD	Set the time for which the LCD backlight remains on after a period of inactivity. Optional settings are 5, 10, 15 seconds, and Folder Open.
Keypad	Set the time for which the keypad backlight remains on after a period of inactivity. Optional settings are 5, 10, 15 seconds, and Folder Open.
Power Save	Internal (Main) LCD Unless the backlight setting for the LCD has been changed, the backlight dims after a minute of inactivity, and then turns off. With Power Save enabled, the backlight for the LCD is always dim. After one minute of inactivity, Power Save turns the backlight off. External (Sub) LCD With Power save **On** and the flip closed (while not in a call), the external LCD turns off to conserve power. WIth Power save **Off** and the flip closed (while not in a call), the external LCD remains on when the flip is closed.

2. Use the navigation key to highlight a sub menu.
3. Press OK to enter the highlighted option's sub menu and change settings as desired.

Service LED

Use the Service LED sub menu to turn the Service LED on or off. The Service LED has the following functions:

- Flashes to indicate an incoming call or message.
- Lights momentarily when you power up the phone, and flashes red when the phone is in need of a charge.
- Flashes green to indicate you are in your home coverage area.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 6 MNO (**Service LED**).
2. Use the navigation key to highlight **On** or **Off**, then press OK. Your settings are saved.

Auto hyphen (CDMA Only)

Auto Hyphen automatically hyphenates phone numbers as they are entered. For example: 580-437-0000.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 3 DEF (**Display**), 7 PQRS (**Auto Hyphen**). **On** and **Off** appear in the display.
2. Use the navigation key to highlight **On** or **Off**, then press OK. Your settings are saved.

Security

The Security sub menu allows you to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

Lock Phone

Lock Phone restricts the use of your phone with the exception of outgoing calls to 911 and the three user-programmed emergency numbers. Lock Phone allows you to answer calls, but to place calls (except to emergency numbers) you have to unlock the phone.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Enter the Lock Code. Several security sub menus appear in the display.
3. Press 1 (**Lock Phone**). The options listed in the following table appear in the display.

Option	Function
Never	The Lock Code is never required.
Power On	The Lock Code is required whenever you power up the phone.
Now	Your phone returns to standby mode. The the Lock Code is required immediately to access any functions.

4. Use the navigation keys to highlight the desired Lock Phone option.
5. Press OK to perform the function for the highlighted option.

Change Lock

The default lock code is the last four digits of your phone number. Change Lock allows you to change this code to a lock code of your preference.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the lock code.
2. Press 2 ABC (**Change Lock**). You're prompted to enter the new lock code.
3. Enter the new lock code. You're prompted to confirm the new lock code.
4. Enter the new lock code again for confirmation.
5. A message appears in the display confirming that your lock code has been changed.

Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an emergency prompt appears in the display for the duration of the call.

You can store up to three emergency numbers to your phone. Each number can be up to 32 digits in length. All emergency numbers can be dialed any time, even when your phone is locked or restricted.

Important! Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calls may not be available on all wireless networks at all times.

Important! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

STORE EMERGENCY NUMBERS

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Enter the lock code, then press 3 DEF (**Emergency #**).
3. Press 2 ABC or 3 DEF to open one of the empty emergency number slots for editing.

Note: Emergency numbers 911, #911, *911, 112, and 999 cannot be edited.

---

4. Enter the emergency number (up to 32 digits in length).
5. Press OK to save the number that you entered, or press the right soft key ( ) **Cancel** to exit and return to the previous menu without changes.

CALL EMERGENCY NUMBERS IN LOCK MODE

You can dial any of the numbers 911, 112, or 999 to place an emergency call.

If your phone is in Verizon (CDMA) mode and you dial 112 or 999, then press SEND, the prompt **Make emergency call?** appears in the display.

- If you press the left soft key ( ) **Yes**, your phone dials the emergency number 911.
- If you press the right soft key ( ) **No**, the call is discontinued and your phone returns to standby mode.

If you dial 911 while in **Verizon (CDMA)** mode, your phone dials the emergency number immediately (no prompt).

If your phone is in Int'l (GSM) mode and you dial 911, then press SEND, the prompt **Make emergency call?** appears in the display.

- If you press the left soft key ( ) **Yes**, your phone dials the emergency number 112 or 999.
- If you press the right soft key ( ) **No**, the call is discontinued and your phone returns to standby mode.

If you dial 112 or 999 while in Int'l (GSM) mode, your phone dials the emergency number immediately (no prompt).

Voice Privacy

This feature is only available on the Verizon Wireless network.

Voice Privacy (at the **Enhanced** setting) allows you to prevent those you call from seeing your number in their display when receiving your call. Voice privacy options are **Standard** and **Enhanced**.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Enter the lock code. Several Security sub menus appear in the display.
3. Press 4 GHI (**Voice Privacy**). **Standard** and **Enhanced** appear in the display.
4. Use the navigation key to highlight the Voice Privacy option of your choice, then press OK. Your settings are saved.

Restriction(CDMA Only)

This feature is currently unavailable outside of the United States.

Restriction allows you to restrict outgoing and incoming calls. You can also restrict access to your Phonebook.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.
2. Enter the lock code, then press 5 JKL (**Restriction**).
3. Use the navigation key to select **Outgoing**, **Incoming**, or **Phonebook**, then press OK.
4. Use the navigation key to highlight **On** or **Off**, then press OK. Your settings are saved.

Delete Memory

Use **Delete Memory** to free up memory in your phone by deleting such things as media, messages, and entries in your Phonebook from one convenient location.

Marking and deleting any of the memory types does not delete the memory type, only content within the type (such as messages or call logs).

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the lock code. The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 6 MNO (**Delete Memory**). The following memory types appear in the display.

   Phonebook
   Recent Calls
   Messages
   Multimedia
   Planner
   Voice Kit

3. Use the navigation key to highlight the memory type that you wish to mark for deletion, then press the left soft key ( ) **Mark** or press the right soft key ( ) **Back** to return to the selection list.
4. Continue to highlight and mark as many memory types for deletion as desired.
5. Press (OK) **Delete** to delete the selected memory types. You're prompted for confirmation.
6. Press the left soft key ( ) **Yes** to delete the marked memory types or press the right soft key ( ) **No** to return to the selection list.

Reset Phone

Reset Phone returns all setup options to their factory default.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the lock code.
2. Enter the lock code, the press 7 PQRS (**Reset Phone**). A prompt appears in the display asking if you wish to restore default settings (except for the Phonebook and Voice Dial).

PIN Menu

PIN is an acronym for **P**ersonal **I**dentity **N**umber. The PIN number accompanies your SIM card, which is provided by Verizon Wireless.

The PIN code protects the SIM card and phone from unauthorized access. You're prompted to enter the PIN code for access to GSM specific features such as Call Barring and Call Diverting. The PIN code can be 4-8 digits in length. After three successive incorrect entries the PIN code is blocked and you'll be asked to enter the PIN2 code.

PIN Check

With PIN Check enabled, your phone requests entry of the PIN1 code upon power-up. The PIN1 code is assigned to your SIM card by Verizon Wireless.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the Lock Code. The default Lock Code is the last four digits of your telephone number.
2. Enter the Lock Code. Several Security sub menus appear in the display.
3. Press 8 TUV (**PIN Menu**). The PIN Menu opens with **PIN Check** highlighted.
4. Press OK. **Enable** and **Disable** appear in the display.
5. Use the navigation key to highlight **Enable** or **Disable**, then press OK. You're prompted to enter the PIN1 code.
6. Enter the PIN1 code, then press OK. A confirmation message appears in the display.

If you enabled PIN Check, the next time you reset your phone (power-down, then power-up), you'll be prompted for the PIN1 code. If you do not have the PIN1 code, you can only place emergency calls.

CHANGE PIN

Use the Change PIN sub menu to change the 4-8 digit PIN code assigned to your SIM card by Verizon Wireless.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the Lock Code. The Lock Code is by default the last four digits of your telephone number.
2. Enter the Lock Code. Several Security sub menus appear in the display.
3. Use the navigation key to highlight **Change PIN**, then press OK. Your prompted to enter your current PIN code.
4. Enter the current PIN code, then press OK. You're prompted to enter a new PIN code.
5. Enter the new PIN code, then press OK. You're prompted to enter the new PIN code again for confirmation.
6. Enter the new PIN code, then press OK. You're returned to the Security sub menu.

CHANGE PIN2

The PIN2 code is required for accessing advanced GSM features. If you enter the incorrect PIN number three times in succession, you'll need to enter the PIN2 code to unlock your phone. Use the Change PIN2 sub menu to change the PIN2 code assigned to your SIM card by Verizon Wireless.

Important! If you enter the wrong PIN1 or PIN2 code three times in succession, you are prompted for the PUK (personal unblocking key) code. If you enter the wrong PUK code 10 times in succession, the SIM is permanently blocked. Contact Verizon Wireless for another SIM card.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 4 GHI (**Security**). You're prompted to enter the Lock Code. The Lock Code is by default the last four digits of your telephone number.
2. Enter the Lock Code. Several Security sub menus appear in the display.
3. Use the navigation key to highlight **Change PIN2**, then press OK. Your prompted to enter your current PIN2 code.
4. Enter the current PIN2 code, then press OK. You're prompted to enter a new PIN2 code.
5. Enter the new PIN2 code, then press OK. You're prompted to enter the new PIN2 code again for confirmation.
6. Enter the new PIN2 code, then press OK. You're returned to the Security sub menu.

Call Options

Call Options allows you to select the method for answering incoming calls, setting redial options, setting data rates for data calls, and more.

Answer options

Answer Options contains the sub menus Call Answer and Auto Answer. Call Answer allows you to select the method for answering incoming calls, while Auto Answer allows you to select the delay time before a call is picked up.

Call Answer

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 5 JKL (**Call Options**), 1 ✉ (**Answer Options**). The following options appear in the display.

   Call Answer
   Auto Answer

2. Press 1 ✉ (**Call Answer**). The following options appear in the display.

   Send Key
   Folder Open
   Any Key

3. Use the navigation key to highlight the method you wish to use for answering calls, then press OK.

Auto Answer

If you wish to have calls answered automatically, use Auto Answer to select the delay time before a call is picked up.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 5 JKL (**Call Options**),

1 (**Answer Options**). The following options appear in the display.

Call Answer
Auto Answer

2. Press 2 ABC (**Auto Answer**).
3. Use the navigation key to highlight on of the following options:

Off	**After 3 Sec**
After 1 Sec	**After 5 Sec**

4. Press OK to select the highlighted option, or press CLR to return to the Answer Options sub menu without making a selection.

Auto Retry

Auto Retry automatically redials busy numbers after a preset period of time.

1. In standby mode, press the left soft key (—) **Menu**, then press 7 PQRS (**Settings**), 5 JKL (**Call Options**), 2 ABC (**Auto Retry**).
2. Use the navigation key to highlight one of the following options:

Off	**After 30 Sec**
After 10 Sec	**After 60 Sec**

3. Press OK to select the highlighted option, or press CLR to return to the **Call Options** sub menu without making a selection.

Data

Only available within Verizon Wireless Enhanced Services Area.

Use the Data sub menu to set the baud rate for data calls and when data mode is to be used.

The Data feature does not function while the phone is in Int'l (GSM) mode.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 5 JKL (**Call Options**), 3 DEF (**Data**). The Data sub menus listed in the following table appear in the display.

Sub Menu	Function
Auto Detect	**Select when your phone uses data mode.**
Baud Rate	**Selects the rate of data transfer for data calls**

Configure Auto Detect

2. With the Data sub menus in the display, press 1 (**Auto Detect**).
3. Use the navigation key to highlight **Data For Next Call** or **Data Until Powered Off**, then press OK. Select **Data Off** or press CLR to return to the Data sub menu without configuring Auto Detect.

SELECT THE BAUD RATE

4. With the Data sub menus in the display, press 2 ABC (**Baud Rate**).
5. Use the navigation key to highlight **Auto**, **19200**, **38400**, **57600**, **115200**, or **230400**, then press OK. Press CLR if your wish to return to the Data sub menu without selecting the baud rate.

Airplane Mode

With Airplane Mode on, all RF functions for your phone are disabled, and you cannot use your phone to place calls.

1. In standby mode, press the left soft key (—) **Menu**, then press 7 PQRS (**Settings**), 5 JKL (**Call Options**), 4 GHI (**Airplane Mode**). A message briefly appears in the display informing you that the phone will reset after you make a selection.
2. Use the navigation key to highlight **On** or **Off**, then press OK. If you select **On**, a message appears in the display alerting you that all call functions will be disabled.
3. Press the left soft key (—) **Yes**, or press the right soft key (—) **No** to exit and return to the Airplane Mode selection sub menu.

If you selected **Yes**, the phone restarts and all RF functions for your phone are disabled.

Roam Option

This feature is only available on the Verizon Wireless network.

Roam Option sets roaming preferences if you move in and out of your home network.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 5 JKL (**Call options**), 5 JKL (**Roam Option**).
2. Use the navigation key to highlight your roam option preference, then press OK. Your settings are saved.

TTY Mode

Your phone is fully TTY/TDD compatible. TTY/TDD equipment is connected to your phone through the headset connector on the top of the phone. TTY/TDD must be enabled before you can use your phone with a TTY/TDD device.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 5 JKL (**Call Options**), 6 MNO (**TTY Mode**). You're prompted to enter the TTY password.
2. Enter the TTY password. The default TTY Password is #, 8 TUV, 8 TUV, 9 WXYZ (or #TTY). **Enable** and **Disable** appear in the display.
3. Use the navigation key to highlight your selection and press OK. You're returned to the Call Options sub menu and the TTY icon (▭) appears in the top of the display.

Shortcut List

Shortcut List allows you to select from up to seven applications that appear in the display when you press the up navigation key in standby mode.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 6 MNO (**Shortcut List**). The Shortcut List sub menu appears in the display.
2. Press ( ) **New**. A list of applications and menus appears in the display.
3. Use the navigation key to highlight a menu or application, then press .
4. If a list of sub menus appears in the display, use the navigation key to highlight the desired sub menu, then press . The shortcut is added to the list.

Location

This feature is only available on the Verizon Wireless network.

The Location (GPS) setting identifies your location to the network. You can fully enable this setting or set GPS to work only in the case that you dial 911 from your phone.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 7 PQRS (**Location**). The settings listed in the following table appear in the display.

Location setting	Function
Location On	GPS location setting is on wherever the feature is available.

Location setting	Function
911 Only	GPS location setting is on whenever you dial 911 only.

2. Use the navigation key to highlight an option.
3. Press OK to select the highlighted setting.

GSM Services (GSM Only)

These menu items are supported only when you are operating on a GSM network.

Call Diverting (GSM Only)

Call Diverting allows you to select from up to four options (or conditions) to forward your calls to another number. Call Diverting is Call Forwarding when you are in GSM mode. The * codes you use on VZW network will not work on GSM networks.

Diverted calls incur airtime charges.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 8 TUV (**GSM Services**). **Call Diverting** is highlighted.
2. Press OK. The sub menus listed in the following table appear in the display.

Sub Menu	Function
Divert Always	Forward all calls to the specified number. When roaming off the Verizon Wireless Network, availability of this feature varies by service provider and may be limited or restricted in some areas.

Sub Menu	Function
Busy	Forward calls to the specified number only when busy. When roaming off the Verizon Wireless Network, availability of this feature varies by service provider and may be limited or restricted in some areas.
No Reply	Forward calls to the specified number when there is no reply. When roaming off the Verizon Wireless Network, availability of this feature varies by service provider and may be limited or restricted in some areas.
Unreachable	Forward calls to the specified number when unreachable. This feature is not supported at this time.
Cancel All	Cancel all call forwarding. When roaming off the Verizon Wireless Network, availability of this feature varies by service provider and may be limited or restricted in some areas.

3. Use the navigation key to highlight the desired call diverting option, then press OK.
4. Follow the on-screen instructions to complete the desired Call Diverting request.

Call Barring (GSM Only)

This feature is not supported at this time.

Call Barring allows you to restrict specific types of incoming and outgoing calls for your phone. This is useful if you allow someone to use your phone for a short period of time.

1. In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 8 TUV (**GSM Services**). **Call Diverting** is highlighted.

2. Use the navigation key to highlight **Call Barring**, then press OK. The sub menus in the following table appear in the display.

Sub Menu	Function
All Outgoing	Disable all outgoing calls
International	Disable International calls only.
International Except To Home	Disable International calls, except those calls to your home.
All Incoming	Disable all incoming calls.
In While Abroad	Disable all international calls while out of your home service area.
Cancel All	Cancel all Call Barring.
Change Password	Change the password for Call Barring.

3. Use the navigation key to highlight the sub menu you wish to activate, then press OK.
4. Follow the on-screen instructions to complete the selected sub menu function.

Call Waiting (GSM Only)

Call Waiting notifies you of an incoming call even while you're in a call. You can then accept, reject, or ignore the incoming call. Unlike Call Waiting in Verizon (CDMA) mode, Call Waiting in GSM mode must first be activated.

When roaming off the Verizon Wireless Network, availability of this feature varies by service provider and may be limited or restricted in some areas.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 8 TUV (**GSM Services**). **Call Diverting** is highlighted.

2. Use the navigation key to highlight **Call Waiting**, then press OK.
3. Use the navigation key to highlight Activate, then press OK.

Select Network (GSM Only)

This feature allows you to manually select the GSM carrier.

Selecting any option other than **Automatic** could result in different or higher airtime charges.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 8 TUV (**GSM Services**). **Call Diverting** is highlighted.
2. Use the navigation key to highlight **Select Network**, then press OK. **Automatic** and **Manual** appear in the display.
3. Use the navigation key to select manual or automatic network selection, then press OK. Your settings are saved.

Caller ID (GSM Only)

This feature is not supported at this time.

Caller ID displays the number (and name, if in your Phonebook) of incoming calls. Unlike Verizon (CDMA) mode, Caller ID in GSM mode must be enabled by the user.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 8 TUV (**GSM Services**). **Call Diverting** is highlighted.
2. Use the navigation key to highlight **Caller ID**, then press OK.
3. Use the navigation key to select **Default**, **Hide Number**, or **Send Number**, then press OK.

Closed User Group (CUG) (GSM Only)

This feature is not supported at this time.

Closed User Groups are a GSM service that specifies who you can call and who can call you. Typical advantages of Closed User Groups are their cost effectiveness and security. You may subscribe to up to 10 Closed User Groups. The Closed User Group subscriptions listed in the following table are generally available through your GSM Service Provider.

CUG Service	Description
CUG Calls Only	Calls are only permitted to others within your Closed User Group.
CUG With Incoming Access	Can receive calls from others outside of the Closed User Group.
CUG With Outgoing Access	Can place calls to others outside of the Closed User Group.
CUG with Incoming and Outgoing Access	Can place and receive calls outside of the Closed User Group.

CUG Activation

GSM service is required before you can activate a Closed User Group.

1. In standby mode, press the left soft key (▭) **Menu**, then press 7 PQRS (**Settings**), 8 TUV (**GSM Services**),

6 MNO (**Closed User Group**). The options listed in the following table appear in the display.

Option	Function
Index List	Allows you to enter a Closed User Group, which can then be activated.
Outside Access	Turn Outside Access on or off. Outside access allows you to place calls to people outside of the Closed User Group.
Default Group	Turn the network default Closed User Group on or off.
Deactivate	Deactivates the currently active Closed User Group.

2. Use the navigation keys to highlight the desired option.
3. Press OK to open the highlighted option and make changes as desired.

Phone Info

The Phone Info sub menu allows you to view the software and hardware information for your phone.

- In standby mode, press the left soft key ( ) **Menu**, then press 7 PQRS (**Settings**), 9 WXYZ (**Phone Info**). The software and hardware information for your phone appears in the display.

Planner

Planner is a suite of PIM (Personal Information Management) applications such as a Calendar, To Do List, and Memo Pad. Schedule events, set reminders, create to do lists, perform calculations, and more with the digital assistant functionality of this useful feature.

While in GSM mode, your phone's clock is not updated automatically. If you change time zones, make sure you update your phone's clock in the Planner menu.

Open Planner

1. In standby mode, press the left soft key (▭) **Menu**, then press 8 TUV (**Planner**). The Planner menu opens and the applications listed in the following table appear in the display.

Sub menu	Function
Calendar	Schedule events for any day by indicating each event's start and end time.
To Do List	Enter up to 50 tasks and set an alarm for each.
Alarm Clock	Set an alarm for any day and time. The alarm can be set to activate even if the phone is off.
Time/Date	Set the system time and date.
Memo Pad	Enter a memo, which can be viewed at any time. Memos do not have an alarm setting.
World Time	Set the local time and the time for one other time zone anywhere in the world.
Calculator	Use the calculator to perform numeric calculations.

2. Use the navigation key to highlight an application. Press OK to enter the highlighted application's sub menu. The following sections provide a detailed description on each application and its function.

Calendar

Schedule up to eight events for any day by indicating each event's start and end time. Set alarms for events so that you can be alerted before an event takes place. Events scheduled for future dates automatically appear on your Today events schedule for the present day.

Add a new event

1. In standby mode, press the left soft key (▭) **Menu**, then press 8 TUV (**Planner**), 1 ✉ (**Calendar**). The calendar appears in the display with the current date highlighted.
2. Press the left soft key (▭) **Option**. A pop-up menu appears in the display that contains the menu items in the following table.

Menu Item	Function
New Event	Schedule a new event.
Week View	View the current week.
Go To Date	Go to any date that you specify.
Go To Today	View today's events.
Del Past Event	Select a past event to delete.
Delete All Events	Delete all events in your calendar.

3. With **New Event** highlighted, press OK. The New Event screen appears in the display with the fields contained in the following table.

Field	Function
Subject	Select from nine subjects to describe the event.
Start Date	Enter the start date for the event.
Start Time	Enter the start time for the event.
AM/PM	Select from A.M. or P.M. for the start time.
End Date	Enter the end date for the event.
End Time	Enter the end time for the event.
AM/PM	Select from A.M. or P.M for the end time.
Occurs	Select the frequency of the event.
Alarm	Turn the alarm for the event on or off.
Reminder	Set a reminder up to one day before the event.
Melody	Select a melody for when you're alerted of the event.
Memo	Enter a description of the event.

4. Fill in and select event details using the navigation keys and the alpha-numeric keypad.
5. Press OK. The event is saved.

View an event

1. In standby mode, press the left soft key (▭) **Menu**, then press 8 TUV (**Planner**), 1 ✉ (**Calendar**).
2. A calendar appears in the display with the current date highlighted.
3. Use the navigation keys to highlight the date containing the event that you wish to view. If the event date is in another month, press the left soft key (▭) **Option**.

Tip: Use the volume key to move between months in the calendar.

4. In the pop-up menu that appears in the display, use the navigation key to highlight **Go To Date**, then press OK.
5. Enter the desired date in the box at the bottom of the display, then press OK. The month that you entered appears in the display with the event date highlighted.
6. Press OK to view event details for the date.
7. Press the left soft key ( ) **Option**. A pop-up menu appears in the display.

- To edit the event, press 1.
- To enter a new event, press 2 ABC.
- To move the event to another date, press 3 DEF.
- To delete the current event, press 4 GHI.
- To delete the day's events, press 5 JKL.
- In Calendar view, press the volume up key to view previous months.
- In Calendar view, press the volume down key to view future months.

To Do List

The To Do List allows you to create a task list in which you can store, prioritize, and manage up to 50 To Do List tasks.

1. In standby mode, press the left soft key ( ) **Menu**, then press 8 TUV (**Planner**), 2 ABC (**To Do List**).
2. Press the left soft key ( ) **New**.
3. Enter details of the task using the keypad. Press the left soft key ( ) **Option** to display a pop-up menu.
4. Use the left/right navigation key to display the text entry mode options **ABC**, **Symbol**, **123**, and **T9 Word**

5. Once the desired text entry mode appears in the pop-up menu, press OK, or press CLR to exit the menu.
6. When finished, press OK to save the task.

Add, Edit, and Erase To-Do List tasks

1. In standby mode, press the left soft key ( ) **Menu**, then press 8 TUV (**Planner**), 2 ABC (**To Do List**).
2. Use the navigation key to browse tasks in your To Do List. Events are presented in order of date, then priority.
3. Press the left soft key ( ) **Option**. The options listed in the following table appear in the display.

Option	Function
New To Do	Add a new task to the To Do List.
Edit	Edit the task currently appearing in the display.
Delete	Erase the highlighted task.
Mark & Delete	Mark and erase multiple tasks.

4. Use the navigation key to highlight an option, press OK to perform the function for the highlighted option.

Alarm Clock

Note

Your clock is not updated automatically while in GSM mode. Make sure to check/change clock settings when traveling abroad.

Your phone has an alarm clock that can be set to go off once, or recur daily at a specific time. Once set, the alarm clock is easy to change or turn off.

Set an alarm

1. In standby mode, press the left soft key (▭) **Menu**, then press 8 TUV (**Planner**), 3 DEF (**Alarm Clock**). The following options appear in the display.

   Alarm 01 **Alarm 03**
   Alarm 02 **Alarm 04**

2. Use the navigation key to highlight the alarm that you wish to enable, then press OK. The **Edit Alarm** screen appears in the display.
3. Enter a title for the alarm in the **Title** field.
4. Press the down navigation key once to highlight the **Time** field, then enter the time that you wish for the alarm to sound.
5. Press the down navigation key once to highlight the **AM/PM** field.
6. Use the left/right navigation keys to select **AM** or **PM**.
7. Press the down navigation key once to highlight the **Day** field.
8. Use the left/right navigation keys to set the frequency (occurrence) of the alarm. The following table lists and defines the options for this field.

Day Option	Definition
Once	The alarm sounds only once, at the time specified.
Daily	The alarm sounds every day at the time specified.
Mon-Fri	The alarm sounds Monday through Friday at the time specified.
Mon-Sat	The alarm sounds Monday through Saturday at the time specified.

9. Press the down navigation key once to highlight the Set field. This is where the alarm is turned on or off.
10. Use the left/right navigation keys to select **On** or **Off**.
11. Press the down navigation key once to highlight the melody field. The melody field is where you can choose the sound for the alarm.
12. Press the right navigation key. A pop-up menu appears in the display with the options **Preloaded** and **My Sounds**.
13. Press 1 to select from sounds that came preloaded on your phone, or press 2 ABC to select from sounds that you've downloaded to your phone.
14. Once you've selected a sound for the alarm, you're returned to the **Edit Alarm** screen.
15. Press OK to save your settings

Disable an alarm before it sounds

1. In standby mode, press the left soft key ( ) **Menu**, then press 8 TUV (**Planner**), 3 DEF (**Alarm Clock**). The following options appear in the display.

   Alarm 01 Alarm 02 Alarm 03 Alarm 04
2. Use the navigation key to highlight the alarm you wish to disable, then press the left soft key ( ) **Option**. A pop-up menu appears in the display.
3. Press 2 ABC to reset the highlighted alarm or press 3 DEF to reset all alarms.

Time/Date in CDMA mode

Use the Time/Date function in CDMA mode to set your phone's date format.

This is primarily a GSM function. Only the date format can be changed in CDMA mode. The time and date can only be changed while in GSM mode.

1. In standby mode, press the left soft key ( ) **Menu**, then press 8 TUV (**Planner**), 4 GHI (**Time/Date**).
2. Use the left/right navigation keys to select the date format.
3. Press OK to save your settings.

Time/Date in GSM mode

Use the Time/Date function in GSM mode to set your phone's time, date, and date format.

1. In standby mode, press the left soft key ( ) **Menu**, then press 8 TUV (**Planner**), 4 GHI (**Time/Date**). The Time/Date settings screen appears in the display.
2. Enter the time using the keypad, then press the down navigation key to highlight the **AM/PM** field.
3. Use the left/right navigation keys to select **AM** or **PM**., then press the down navigation key to highlight the **Date** field.
4. Enter the date using the keypad, then press the down navigation key to highlight the **Date Format** field.
5. Use the left/right navigation keys to select the desired date format, then press OK to save your settings.

Memo Pad

Create and store notes in Memo Pad. You can't prioritize or set an alert for stored notes. Return to Memo Pad anytime to review and edit your notes.

1. In standby mode, press the left soft key (—) **Menu**, then press 8 TUV (**Planner**), 5 JKL (**Memo Pad**).
2. If you have any stored memos, they appear as a list in the display. If this is your first time in Memo Pad, you're prompted to add a new memo.
3. To add a new memo, press the left soft key (—) **New**, then enter the memo using the keypad.
4. While entering a memo, press the left soft key (—) **Option** to display a pop-up menu with the following text entry modes.

   ABC **123**
   Symbol **T9 Word**
5. Use the left/right navigation keys to select the other available text entry modes of **123**, **T9 Word**, and **Symbol**, or press CLR to exit the pop-up menu.
6. When you're finished entering details for the memo, press OK. The memo is saved.

Review, add, edit, and erase memos

1. In standby mode, press the left soft key (—) **Menu**, then press 8 TUV (**Planner**), 5 JKL (**Memo Pad**). If you have any stored memos, they appear as a list in the display.

2. With a memo highlighted, press the left soft key ( ) **Option**. A pop-up menu with the options listed in the following table appears in the display.

Option	Function
New Memo	Add a new memo to Memo Pad.
Edit	Edit the memo currently highlighted or appearing in the display.
Delete	Erase the memo currently highlighted or appearing in the display.
Mark & Delete	Mark and then delete selected memos. This option only appears if you have more than one memo stored.

3. Use the navigation key to highlight an option or press CLR to exit the pop-up menu.
4. Press OK to perform the highlighted option's function.

World Time

World Time allows you to view the time of day or night in any part of the world.

1. In standby mode, press the left soft key ( ) **Menu**, then press 8 TUV (**Planner**), 6 MNO (**World Time**). A world map appears in the display.
2. Use the navigation key to display the city (or cities), date, and time that you wish to view. The following cities are supported.

Alaska	**San Francisco**	**Denver**
Chicago/Mexico	**New York**	**Caracas**
Brasilia	**Mid Atlantic**	**Cape Verde**
London	**Paris/Berlin**	**Athens/Helsinki**
Moscow	**Abu Dhabi**	**Tashkent**
Alma-ata	**Bangkok/Jakarta**	**Hongkong/Beijing**
Seoul/Tokyo	**Guam/Sydney**	**Okhotsk**
Wellington	**Samoa/Midway**	**Honolulu/Hawaii**

Enable Daylight Savings Time (DST)

1. With your local time selected on the World Time map, press the left soft key ( ) **Option**. A pop-up menu appears in the display.
2. Use the navigation key to select **Day Light Saving**, then press OK.
3. Use the navigation key to highlight **On**, then press OK. Daylight Savings Time is enabled.

Calculator

You can perform calculations, including addition, subtraction, multiplication and division using your phone.

1. In standby mode, press the left soft key ( ) **Menu**, then press 8 TUV (**Planner**), 7 PQRS (**Calculator**). The **Calculator** appears in the display.
2. Enter the first number in your equation using the keypad. (Numbers can be up to nine digits long.)

- Press the left soft key ( ) **Option** to display a pop-up menu which allows you to enter a decimal point or parenthesis.
- Press # to change the sign for a number to a negative.

3. Use the navigation key to set the type of calculation that you wish to perform. Your choices are as follows.

- [+] Addition
- [-] Subtraction
- [x] Multiplication
- [÷] Division

4. Use the keypad to enter the second number into your equation.
5. Press OK to perform the calculation and view the result.

Voice Kit (CDMA Only)

Voice recognition capabilities of the SCH-a790 are exceptional due to advanced, speaker-independent technology. This means there is no longer a need to “train” your phone to understand your voice. You can finally use your voice *in a natural manner* to dial numbers, lookup contacts, view your schedule, and much more. Please review the following content to learn more about this useful feature.

The Voice Kit menu (CDMA Only)

Use the Voice Kit menu to configure the voice recognition settings for your phone.

1. In standby mode, press the left soft key (▭) **Menu**, then press 9wxyz (**Voice Kit**). The following Voice Kit sub menus appear in the display.

Command	Function
Quick Dial	Record, review, and delete Quick Dial entries.
Voice Memo	Record, review, and delete Voice Memos.
Voice Setting	Setup and configure Voice Kit voice recognition settings.

2. Use the navigation key to highlight the desired Voice Kit sub menu.
3. Press OK to enter the highlighted sub menu. The following three sections describe each Voice Kit sub menu in greater detail.

Quick Dial (CDMA Only)

Quick Dial lets you dial a person by saying the name that you've recorded for the person. Before you can use Quick Dial, you'll need to record the names that you wish to use.

Tips for recording Quick Dial names

- Record names in a quiet area.
- Choose a name that is not too long or short.
- Speak clearly and distinctly while recording.
- Avoid recording names that sound alike.

Record a name or phrase for Quick Dial

1. In standby mode, press the left soft key ( ) **Menu**, then press 9 WXYZ (**Voice Kit**). **Quick Dial** is highlighted.
2. Press OK. **Record** is highlighted.
3. Press OK. The phone prompts, "**Please say the name.**"
4. Wait for the beep and then say the name.

   The phone plays back the name, and then prompts, "**Did the recording sound OK?**"
5. Press the left soft key ( ) **Yes** to accept the recording, or press the right soft key ( ) **No** to reject.

Note You can also say "Yes" or "No" in response to the phone prompt "**Did the recording sound OK?**"

---

6. If you pressed or said Yes, you're prompted to enter the phone number.
7. Enter the phone number, then press OK. You're prompted to enter the name.
8. Enter the name, then press OK. The entry is saved.

Use Quick Dial

Once you've recorded names and their associated numbers for Quick Dial, you can access them using your voice.

1. In standby mode, press and hold * until the phone prompts, "**Say a command.**" Say "**Quick Dial**" into the microphone to launch Quick Dial.

   The phone prompts, "**Who would you like to call?**"

2. Say the name of the person as it was recorded when you set up Quick Dial.

   The phone prompts, "**Connecting**," and the number is dialed.

Review your Quick Dial list

1. In standby mode, press the left soft key (—) **Menu**, then press 9WXYZ (**Voice Kit**). **Quick Dial** is highlighted.
2. Press OK. **Record** is highlighted.
3. Press 2ABC for **Review**. The Voice Tag List of recorded names appears in the display.
4. Use the navigation key to highlight a name. Press OK to display more information about the highlighted name.
5. Press the left soft key (—) **Option** to display a pop-up menu with the options listed in the following table.

Option	Function
Talk	Call the number for the voice tagged entry.
Delete	Delete the voice tag for the entry.
Play All	Replay the recording for the voice tag.

6. Use the navigation key to highlight the desired option, press OK to perform the function for the highlighted option.

Erase all Quick Dial names

You can erase all recorded Quick Dial names and their associated numbers from one easy location.

1. In standby mode, press the left soft key (▭) **Menu**, then press 9 WXYZ (**Voice Kit**). **Quick Dial** is highlighted.
2. Press OK, then press 3 DEF (**Delete All**). You're prompted to confirm the deletion.
3. Press the left soft key (▭) **Yes** to delete all Quick Dial names, or press the right soft key (▭) **No** to return to the Quick Dial sub menu.
4. If you pressed the left soft key (▭) **Yes**, you'll receive a confirmation message that all names were deleted.

Voice Memo (CDMA Only)

You can use your phone to record voice memos for later playback. You can also record the caller on the other end of the line during a phone conversation. Always obtain the other party's permission before recording a conversation.

The maximum number of voice memos is 30.

Record a voice memo

1. In standby mode, press the left soft key ( ) **Menu**, then press 9WXYZ (**Voice Kit**), 2ABC (**Voice Memo**), 1 (**Record**). The phone prompts, "**Please record after the beep.**"

Tip: In standby mode, press and hold * until the phone prompts, "**Say a command.**" Pronounce "**Voice Memo**" into the microphone to launch Voice Memo.

2. Wait for the beep, then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.

- To pause the memo, press the left soft key ( ) **Pause**. When a memo is paused, press the left soft key ( ) **Resume** to resume recording.

3. Press the right soft key ( ) **Stop** once you're finished recording.

4. Once you've stopped recording, press the left soft key ( ) **Option**. A pop-up menu appears in the display with options listed in the following table.

Option	Function
Save As	Save the voice memo you just recorded.
Review	Review (replay) the voice memo you just recorded, as well as view details such as the time and date it was recorded.
Rerecord	Rerecord over the voice memo you just recorded.

5. Use the navigation key to highlight an option. Press OK to perform the function for the highlighted option.

Review and Erase Voice Memos

If you've saved any memos, you can review them anytime.

1. In standby mode, press the left soft key (▭) **Menu**, then press 9WXYZ (**Voice Kit**), 2ABC (**Voice Memo**), 2ABC (**Review**). A list of saved memos appears in the display.
2. Use the navigation key to highlight the memo you wish to review, then press OK. The memo title, length, size, and time/date the recording took place appear in the display.
3. Press the left soft key (▭) **Option** to **Play**, **Rename**, or **Delete** the memo.

Erase all voice memos at one time

1. In standby mode, press the left soft key (▭) **Menu**, then press 9WXYZ (**Voice Kit**), 2ABC (**Voice Memo**), 3DEF (**Delete All**). **Delete all?** appears in the display.
2. Press the left soft key (▭) **Yes** to delete all voice memos, or press the right soft key(▭) **No** to return to the previous menu.
3. If you pressed the left soft key (▭) **Yes** to **Delete All**, a confirmation message appears in the display and you're returned to the Voice Memo sub menu.

Voice Setting (CDMA Only)

Use the Voice Setting sub menus to select the method for Voice Kit activation, or to adapt and reset voice recognition for digits to your voice.

1. In standby mode, press the left soft key ( ) **Menu**, then press 9WXYZ (**Voice Kit**), 3DEF (**Voice Setting**). The sub menus listed in the following table appear in the display.

Sub Menu	Function
Voice Kit Active	Select the method for Voice Kit activation.
Adapt Digits	Adapt Voice Kit recognition (for digits) to your voice
Reset Digits	Reset Voice Kit recognition settings to default.

2. Use the navigation key to highlight a sub menu, then press OK to enter the sub menu and configure settings.

Voice Signal (CDMA Only)

Voice Signal commands give you the power to launch applications using your voice. Simply say a command at the prompt to record memos, open the Phone Book, open the browser, and more.

1. In standby mode, press and hold .

   After a brief pause, **"Say a Command"** appears in the display and is pronounced through the speaker.

2. After the phone beeps, say the name of the command that you wish to perform. The Voice Signal commands listed in the following table are available.

Command	Function
Quick Dial	Lets you dial a person by saying the name you've recorded for that person. Before you can use Quick Dial, you'll need to record the names that you wish to use.
Digit Dial	Lets you dial any valid seven-digit or ten-digit phone number by speaking the number naturally, without pausing between digits.
Voice memo	Record voice memos for later playback. You can also record the caller on the other end of the line during a phone conversation.
Name Dial	Lets you dial any person in your Phone book by pronouncing that person's name. It automatically voice activates every contact in your Phone book without the need to record or "train" names before using them.
Phone Book	Lets you retrieve contact information for any person in your Phone Book by pronouncing the name of that person.
Browser	Opens the browser to the Verizon Wireless home page.

More information on the commands listed in the previous table is available in the following sections.

Quick Dial (CDMA Only)

Quick Dial lets you dial a person by saying the name you've recorded for that person. Before you can use Quick Dial, you'll need to record the names that you wish to use. See "Quick Dial (CDMA Only)" on page 167 for information on setting up and using Quick Dial.

Digit Dial (CDMA Only)

Digit Dial lets you dial any valid seven-digit or ten-digit phone number by speaking the number naturally, without pausing between digits.

Digit Dial Tips

- Digit Dial works best in quieter environments.
- When pronouncing a number, speak at a normal speed, saying each digit clearly. There is no need to pause between digits.
- The phone recognizes the digits one, two, three, four, five, six, seven, eight, nine, zero, and oh (zero). It doesn't recognize numbers such as "one eight hundred" for "1-800." Instead, say "one eight zero zero," or "one eight oh oh."
- The phone recognizes only valid seven or ten-digit North American phone numbers, optionally preceded by the digit "1."
- If you are experiencing frequent problems with Digit Dial recognizing you, try adapting it to your voice, which can greatly improve accuracy. See "Digit Dial Adaptation" on page 175 for more information.

Use Digit Dial

1. Press and hold .

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Digit Dial**." You're prompted to say the number.

3. Pronounce the number naturally and clearly.

   The phone may display one or more numbers on the screen and prompt you for confirmation.

4. If the phone asks "**Did you say**" followed by the correct number, say "**Yes**." The phone dials the number.

5. If the phone asks "**Did you say**" followed by any incorrect numbers, say "**No**." If there are other choices, the phone prompts you with them next.

Digit Dial Adaptation

Digit Dial works well for most people without special adaptation. However, people with strong accents or unique voice characteristics may receive better results after adapting the system to match their voices.

You should adapt Digit Dial only if the system is frequently unable to recognize your speech. After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several digit sequences to adapt the system to the unique properties of your voice. The adaptation process takes about three minutes.

Tips for adapting Digit Dial

- Adapt digits in a quiet place.
- Make sure you wait for the beep before starting to speak.

- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.

ADAPT DIGIT DIAL TO YOUR VOICE

1. In standby mode, press the left soft key (▭) **Menu**, then press 9WXYZ (**Voice Kit**), 3DEF (**Voice Setting**), 2ABC (**Adapt Digits**) A short description of the Adapt Digits process appears in the display.
2. Read the description until you are comfortable to proceed, then press OK.

   Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.
3. Wait for the beep and repeat the digits *using your normal tone of voice*.
4. After a moment, the phone plays back the recording and prompts "**Did the recording sound ok**?" If the recording was good, say "**Yes**." If you need to re-record, say "**No**."

- If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then re-record. Repeat this step until you're satisfied with the recording.

5. After confirming that the recording sounds ok, repeat the recording process with the next set of digits. After six sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."
6. Repeat steps 4-6 for another six sets of digits. After the sixth set of digits, the phone indicates that adaptation is complete.

Reset Digit Dial Adaptation

This option erases an adaptation and resets Digit Dial to its original state.

1. In standby mode, press the left soft key (▭) **Menu**, then press 9WXYZ (**Voice Kit**), 3DEF (**Voice Setting**), 3DEF (**Reset Digits**). A confirmation message appears in the display asking if you are ready to reset digit adaptation.
2. Press the left soft key (OK) **OK** to proceed, or press the right soft key (▭) **Back** to return to the Voice Setting sub menu.
3. If you pressed the left soft key (▭) **OK**, a confirmation message appears in the display that Digit Dial adaptation has been reset.

Voice Memo (CDMA Only)

Voice Memo allows you to record voice memos for later playback. You can also record the caller on the other end of the line during a phone conversation.

1. In standby mode, press and hold *↑.ς.

   "**Say a Command**" appears in the display and is pronounced through the speaker.
2. Say "**Voice Memo**," wait for the beep, and then start speaking.

Name Dial (CDMA Only)

Name Dial lets you dial any person in your Phone book by pronouncing that person's name. It automatically voice activates every contact in your Phone book without the need to record or "train" names before using them.

Place a call using Name Dial

1. Press and hold .

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Name Dial**."

   The phone prompts, "**Please say the name**."

3. Say the full name of the person you wish to call, exactly as it is entered in your Phone book.

4. The phone may display one or more names on the screen and prompt you to confirm the name you spoke. If this happens, respond to the prompts with "**Yes**" or "**No**" as appropriate.

- If the name that you pronounced has more than one associated number, the phone displays the different locations (such as "home" or "work") and prompts you, "At which location?" In this case, pronounce the location that you wish to call. The phone dials the number.

Phonebook (CDMA Only)

Phonebook lets you retrieve contact information for any person in your Phone Book by pronouncing the name of that person.

1. In standby mode, press and hold . The phone prompts, "**Say a command**."
2. Say "**Phone Book**." The phone prompts you to say the name.
3. Pronounce the name of the person exactly as it is entered in your Phone Book.

   You may be asked to confirm the name before the phone looks up the contact information for that name.

- In this case, the phone prompts "**Did you say**," followed by the next name it recognizes.
- Respond with a "**Yes**" or "**No**" as appropriate.
- If there is no match found, the phone responds with "**Sorry, no match found**."

Browser (CDMA Only)

Only available within Verizon Wireless Enhanced Services Area.

Browser launches the web browser for your phone by saying the command at the prompt.

1. Press and hold . "**Say a Command**" appears in the display and is pronounced through the speaker.
2. Say "**Browser**."

   "**Connecting**" appears in the display and your browser launches.

Usage guidelines: All about Performance and Safety

Getting the Most Out of Your Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key. Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below.

In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.
- Try not to hold, bend or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- Speak directly into the phone's receiver.

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, return it to Verizon Wireless or call Customer Care for service.

Maintaining Safe Use of and Access to Your Phone

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN THE U.S.A., USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

10 Driver Safety Tips

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

When driving 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. If available, these features help you to place your call without taking your attention off the road.

2. When available, use a hands free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today. Please Note: Hands free devices are required by law in some areas. You are solely responsible for ensuring that your phone use complies with all applicable laws.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
4. 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, ice, and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no on appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

Following Safety Guidelines

Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

Restricting Children's Access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

Caring for the Battery

The guidelines listed below help you get the most out of your battery's performance.

- Use only Samsung-approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32º F to 104º F (0º C to 40º C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.

- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.

Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
Less than one month:
32º F to 131º F (0º C to 55º C)

More than one month:
32º F to 104º F (0º C to 40º C)

Disposal of Lithium Ion (Li-Ion) Batteries

For safety, do not handle a damaged or leaking Li-Ion battery.

For safe disposal options of your Li-Ion batteries, contact your nearest Samsung-authorized service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Acknowledging Special Precautions and FCC

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the Samsung supplied or approved carrying case, holster or other body-worn accessory. If you do not use a body-worn accessory, ensure that the antenna is at least one inch (2.5 centimeters) from

your body when transmitting. Use of non- Samsung approved accessories may violate FCC RF exposure guidelines.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

This Model Phone Meets The Government's Requirements For Exposure To Radio Waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.47 W/kg and when worn on the body, as described in this user guide, the highest SAR value is 1.08 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID **A3LSCHA790**.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at

http://www.wow-com.com.

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.

FDA Consumer Update

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 energy (RF) in the microwave range while being used. They also emit very low levels of RF when in stand-by 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 FDA's role concerning the safety of wireless phones?

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

Although the existing scientific data do not justify FDA regulatory actions, 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 it 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.

FDA belongs to a 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
- Federal Communications Committee
- Occupational Safety and Health Administration

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

FDA shares regulatory responsibilities about 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. FCC relies on FDA and other health agencies for safety questions about wireless phones.

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

wireless exposures that people get from these base stations are typically thousands of times lower than those they get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

What kinds of phones are the subject of this update?

The term “wireless phones” refers here to hand-held wireless phones with built-in antennas, often called “cell,” “mobile,” or “PCS”. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user’s head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of 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 phone wiring in a house, typically operate at far lower per levels, and thus produce RF exposures far below the FCC safety limits.

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 energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could Accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor

development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in 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 don't know with certainty what 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, glaucoma, 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 phones RF exposures. However, none of the studies can answer questions about long-term exposures, since average period of phone use in these studies was around three years.

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

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.

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

FDA is working with the U.S. 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 energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of tis 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.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to 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.

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 energy (RF) exposures. FCC established these guidelines in consultation with FDA and other federal health and safety agencies. The FCC limit for exposure from wireless telephones 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 tissue 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.

What has 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 energy (RF) exposure from wireless phones and other wireless hand sets with the participation and leadership of FDA scientists and engineers. The standard,

“Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques,” sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

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 energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

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

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 energy (RF), the measured 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.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic 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 FDA, medical device manufacturers, and many other groups, was completed on late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

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.

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

Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (http://www.fda.gov/cellphones/)
- Federal Communications Commission FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)
- International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)

- World Health Organization (WHO) International EMF Project (http://www.who.int/peh-emf/en/)
- National Radiological Protection Board (UK) (http://www.nrpb.org/)

CTIA Safety Information

Exposure to radio frequency signals

Your wireless hand held portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

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

- ANSI C95.1 (1992)
- NCRP Report 86 (1986)
- ICNIRP (1996)

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 specified of 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:

- Extend your antenna fully.
- Do not 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 telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving--driving safety 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 so require.

Electronic devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against 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 hand-held 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 inches from their pacemaker when the pacemaker 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.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

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.) *Optional for each phone manufacturer.*

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from 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 be using equipment that could be sensitive to external RF energy.

VEHICLES

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the

manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

POSTED FACILITIES

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

Aircraft

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

Blasting areas

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

Potentially explosive atmospheres

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 of even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They 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 airbag

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the

area over the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Owner's record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SCH-A790

Serial No.:

User Guide Proprietary Notice

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,3075,109,3905,267,2625,416,797

5,506,8655,544,1965,657,4205,101,501

5,267,2615,414,7965,504,7735,535,239

5,600,7545,778,338 5,228,054 5,337,338

5,710,7845,056,109 5,568,4835,659,569

5,490,1655,511,073

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437, U.S. Pat. 5,953,541, U.S. Pat. 6,011,554 and other patents pending.

Limited Warranty

1. **What is Covered and For How Long?**
   SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants the original ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for a period commencing on the date of purchase and continuing for the specified period of time after the date:

- Phone - 1 year
- Batteries - 1 year
- Leather Case/Pouch/Holster - 90 Days
- Game Pad - 90 Days
- Other Phone Accessories - 1 year

2. **What is Not Covered?**
   The limited warranty is conditioned upon proper use of Product by Purchaser. This limited warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical, or electromechanical stress, modifications of any part of the Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal usage; (d) malfunctions resulting from the use of Product in conjunction with the accessories, products, ancillary, or peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of product, or (g) Product used or purchased outside the

United States or Canada. This Limited Warranty covers batteries only if the battery falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

3. **What are SAMSUNG's Obligations?**

During the applicable warranty period, SAMSUNG will repair or replace at SAMSUNG's sole option, without charge to purchaser, any defective component part of the phone or accessory. To obtain service under this limited warranty, purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable proof of sale showing the date of purchase, the serial number of Product, and the seller's name and address. To obtain information on where to deliver the phone or accessory, call your service provider or Samsung Customer Care at (888) 987-4357. Upon receipt, SAMSUNG will promptly repair the defective product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, or new product. Repaired products will be warranted for a period equal to the remainder of the original limited warranty on the original product or for 90 days, whatever is longer. All replaced parts, components, boards, and equipment

becomes the property of SAMSUNG. If SAMSUNG determines that any product is not covered by this limited warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of said product.

4. **What Are the Limits On SAMSUNG's Liability?**
EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMULAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NELIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION 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/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTENT TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF

ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUCTED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

THE PARTIES UNDERSTAND THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, L.P.

1301 E. Lookout Drive

Richardson, TX 75082
Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

©2004 Samsung Telecommunications America, Inc. All rights reserved. No reproduction in whole or in part allowed without prior written approval. Specifications and availability subject to change without notice.

Index

Numerics

10 driver safety tips 182
123 mode 83
1X protocol icon 26
2G protocol icon 26
2-touch dialing 54
3G protocol icon 26
3-touch dialing 54
911, important 134
911, notes about 133

A

ABC mode 81
Adaptation, for digit dial 175
Add, edit, erase tasks 159
Airbag information 203
Airplane mode 145
Alarm clock
  icon 26
  set alarm 160
  turn off the alarm 161
Alerts, web 100
Alpha-numeric keypad 23
Answer options 142
Antenna 18
Antenna care 200
Auto answer 142
Auto answer icon 25
Auto delete 103
Auto hyphen 131
Auto retry 143

B

Backlight features 18
Backlight settings 130
Backup to last menu 39
Banner, creating 129
Battery
  care 186
  charging 11
  disposal 187
  indicator 11
  installing 10
  removing 10
  strength icon 26
  temperatures 186
Body worn operation 188
Browser, in Voice Signal menu 179

C

Calculator 165
Calendar 156
Call another country from U.S. 35
Call barring 149
Call diverting 148
Call logs, deleting 78
Call notification methods 36
Call options sub menu 142
Call timers 79
Call U.S. from another country 34
Call waiting 150
Callback # 102
Caller ID 152
Calls
  placing 32
  receiving 33
  rejecting 37
Camera
  auto save 123
  color 122
  flash 121

icons 116
image quality 121
image retouch 119
image size 120
media gallery 118
options 116
other features 118
save pictures 117
settings 120
shutter sound 123
take pictures 115
view pictures in thumbnails 119
Camera hot key 21
Camera key 24
Caring for the battery 186
Cautions 188
CDMA only features
auto retry 143
browser command (in voice kit) 179
call another country from U.S. 35
data sub menu 144
digit dial 174
download pix msg 94
Get It Now 107
location (GPS) 147
name dial 178
phonebook (in voice kit) .. 179
quick dial 167, 174
roam option 146
send a pix msg 88
send a pix msg in camera mode 90
send v-card 72
view pix msg later 94
voice kit 166
voice memo 169, 177
voice privacy 136
voice setting 172
voice signal 173
VZW with MSN 110
Change lock 133
Charger, desktop 11
Clear key 21
Closed user group 153
Color 122
Color tones
black & white 122
negative 122
normal 122
sepia 122
solarize 122
Consumer update, FDA 191
Contacts, opening 47
Countries list 12
CTIA safety information 200
CTIA website 190

D

Dangerous areas 185
Data sub menu 144
Daylight savings 165
Delete all 75, 106
Delete memory 137
Desktop charger 11
Dialing
one-touch 53
three-touch 54
two-touch 54
Dialogue boxes 27
Digit dial
adapt to your voice 176
adaptation 175
reset adaptation 177
tips 174
tips for adapting 175
use 175
Disable alarm 161
Display
animation 128

auto hyphen 131
backlight 130
banner 129
language 127
pixels 7
screen icons 25
style setting 127
sub menu 126
wallpaper 128
Disposing of batteries 187
Draft messages 98

E

Earpiece 23
Emergency numbers 133
lock mode 135
store 134
End key 21
Enter numbers 83
Entry mode 102
Erase memos 171
Events, viewing calendar ... 157
Exit VZW with MSN 111
Exposure to radio waves ... 189
External LCD 24

F

Fast fact, description 8
FCC
ID 190
precautions 188
website 190, 196
FDA
consumer update 191
health effects of wireless phones 195
RF measurements 196
role 191
Find names in Phone Book .. 60
Folder
inbox 96
outbox 97
saved/draft 98
voicemail 95
web alert 100

G

Get It Now 107
Get It Now settings 108
Government requirements . 189
GPS icons 26
Groups
creating 67
deleting 68
move entries from/to 66
renaming 67
send messages to 69
send pix msg to 70
viewing 66
GSM mode icon 25
GSM only features
call barring 149
call diverting 148
call U.S. from another country 34
call waiting 150
caller ID 152
closed user group 153
edit SIM entries 59
GSM services 148
select network 151
GSM services 148
Guidelines for use 180

H

Hard pause 51
Headset connector 22

I

Icons
battery strength 26
camera 116
display 25
in use 25
signal strength 25

silent mode 26
Image retouch 119
Important, description 8
In use icon 25
Inbox folder 96
Incoming calls 33
Indicator
battery strength 26
new message 26
no service 25
roaming 25
signal strength 25
vibrate mode 26
Install SIM card 9
Install the battery 10
Interference with medical equipment 198
In-use menu 41
IS95-2G protocol 26

K

Key features 7

L

Language setting 127
Launch VZW with MSN 110
LCD, external 24
Limited warranty 205
Links, web 113
List of countries 12
Location 147
Lock code, changing 133
Lock phone 132

M

Maintaining peak performance 181
Make outgoing calls 32
Medical equipment, interference 198
Memo pad 163
Memory info 74, 106
Memos, editing 163
Menu navigation 38
Menu shortcuts 39
Menu, in-use 41
Message folder
inbox 96
outbox 97
saved/draft 98
voicemail 95
web alert 100
Message send options 86
Messages and lock mode 98
Messages menu 80
Messages, receive in call 88
Microphone 23
Mode
123 83
ABC 81
airplane 145
call answer 142
changing text entry mode ...81
entry 102
power save 19
silent 31
standby 30
switching 29
symbol 83
T9 Word 82
text entry 30, 80
TTY 146
vibrate 31
Modify images 119
Msg setting sub menu 100
My name card 71
My phone # 74

N

Name dial 178
Navigating menus 38
Navigation key 24
Navigation key shortcuts 40

Network, selecting 151
New message icon 26
No service indicator 25
Notes and tips 8
Notes, description 8

O

Obtaining service 28
Options, message sending .. 86
Outbox folder 97
Outbox, reviewing messages 97
Owner's record 204

P

P pause 51
Pacemakers 201
Pause dial 52
Pauses, adding 51
Peak performance, maintaining 181
Performance and safety 180
Phone info 154
Phone mode, switching 29
Phone use
in dangerous areas 185
near electronic devices ... 184
restricting children's access 186
Phonebook
add new entries 63
add pauses 51
assign pictures to entry 56
delete all 75
description 47
editing 50
erase entries 53
find by entry 61
find by group 62
find by name 60
find on SIM 63
in Voice Signal menu 179
memory info 74
my name card 71
my phone # 74
opening 48
p pause & t pause 51
pause dial 52
SIM phonebook, managing 57
speed dialing 53
store pauses 51
v-card 72
Picture retouch 119
Pictures, assign to entry 56
PIN
change 140
check 139
menu 139
PIN2 change 141
PIN2, changing 141
Pix messages
downloading 94
receiving 93
rejecting 93
sending 88, 90
settings 101
view later 94
Place calls 32
Planner
add a new event 156
alarm clock 159
calculator 165
calendar 156
memo pad 163
opening 155
time/date 162
to do list 158
view an event 157
world time 164
Power Save Feature 180
Power save mode 19
Powering off 29
Powering on 28
Proprietary Notice 204

PUK code 141
Q
Quick dial
erase name 169
record a name 167
review list 168
tips 167
Quick reference 3
R
Radio Frequency safety 181
Receive a pix msg 93
Receive calls 33
Receive messages in call 88
Receive text messages 87
Recent calls
call timers 79
delete call logs 78
menu options 77
viewing 77
Reception, getting most of . 180
Record voice memo 170
Recording tips, quick dial ... 167
Reject a call 37
Remove applications 109
Remove SIM card 9
Removing battery 10
Reset phone 138
Restrict calls 137
Restricting children's access 186
Restriction 137
Retouch images 119
Return to last menu 39
Review quick dial list 168
Reviewing outbox 97
RF energy exposure 196
RF exposure research 194
RF safety 181
Right soft key 20
Ringer off icon 26
Ringer on icon 26
Ringer volume 31
Ringers, silencing 37
Roam option 146
Roaming indicator 25
S
Safe Use of your phone 182
Safety guidelines, following 184
Samsung address 210
Samsung phone numbers ..210
SAR values 190
Save pictures 117
Saved/draft folder 98
SCH-a790 closed view 1
SCH-A790 key features 7
SCH-a790 open view 2
Security
change lock 133
lock phone 132
restriction 137
voice privacy 136
Security sub menu 132
Select network 151
Send 88
Send key 23
Send option, messages 86
Send v-card 72
Service LED 131
functions 22
turn on or off 22
Service, obtaining 28
Set an alarm 160
Settings
animation 128
auto hyphen 131
backlight 130
banner 129
change lock 133
display 126
language 127

lock phone 132
phone mode 124
profile 124
security 132
service LED 131
style 127
Settings menu 124
Settings, text messages 100
Shortcut list 147
Shortcut to menus 39
Shortcuts
call options 45
camera 44
display 45
Get It Now 43
location 45
media gallery 44
messages 43
mobile web 44
multimedia 44
phone mode 44
phonebook 42
planner 46
profile 44
recent calls 42
security 45
settings 44
shortcut list 45
voice kit 46
Shutter sound 123
Signal strength icon 25
Silence a ringer 37
Silence ringers 37
Silent mode 31
Silent mode icon 26
SIM card
find entries on 63
installing 9
manage phonebook for 57
removing 9
store new entries to 58
Speaker 23
Special precautions, FCC .. 188
Speed dial, assigning 54
Speed dialing 53
Standby mode 30
Store emergency numbers 134
Store numbers after call 57
Store numbers, shortcuts 57
Store pauses 51
Style setting 127
Switch phone modes 29
Symbol mode 83

T

T pause 51
T9 text entry 82
Take pictures
with flip closed 116
with flip open 115
Task list, To Do 158
Tasks, editing 159
Text entry modes 80
Text message settings 100
Text messages, receiving 87
Text messages, sending 84
Three-touch dialing 54
Thumbnail view 119
Time/date
GSM 162
Tips
description 8
for digit dial 174
for quick dial 175
Tips, efficient operation 201
Tips, for digit dial 174
To do list 158
TTY mode 146
Turn your phone off 29
Turn your phone on 28
Two-second pause 51
Two-touch dialing 54

U

Understanding phone operation 180
Usage
- children 198
- electronic devices 201
- hearing aids 202
- in aircraft 203
- in blasting areas 203
- in explosive areas 203
- in posted facilities 203
- in vehicles 202
- other medical devices 202
- pacemakers 201
- RF exposure 197
- while driving 201

Usage guidelines 180
Using this guide 7

V

V-cards, sending 72
Vibrate mode 31
Vibrate mode icon 26
View an event, calendar 157
Voice folder 95
Voice kit
- erase memos 171
- menu 166
- quick dial 167
- review and erase memos 170
- voice memo 169
- voice setting 172

Voice mail
- checking 95
- listening to 38
- setup 37

Voice mail icon 26
Voice memo 169, 177
Voice privacy 136
Voice setting 172
Voice signal
- browser 179
- digit dial 174
- digit dial adaptation 175
- digit dial tips 174
- name dial 178
- phonebook 179
- quick dial 174
- using digit dial 175
- voice memo 177

Voicemail, viewing messages 95
Volume, ringers 31
VZW with MSN 110
- exit 111
- launch 110
- links 113
- navigate 111
- soft keys 112

W

Wallpaper, choosing 128
Warranty information
- Samsung liability 207
- Samsung obligations 206
- what is covered 205

Web alert 100
Websites
- CTIA 190
- FCC 199
- FDA 199
- ICNIRP 199
- NRPB 200
- Verizon Wireless .12, 29, 35
- WHO 200

World time 164

Z

Zoom settings, camera 91, 116, 117